

橋梁部材の腐食に対する健全度  
評価手法に関する共同研究報告書  
——腐食橋梁部材の耐荷力実験——

平成8年4月

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# 橋梁部材の腐食に対する健全度 評価手法に関する共同研究報告書

—— 腐食橋梁部材の耐荷力実験 ——

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## 要旨

橋梁部材の腐食は、鋼道路橋の上部構造に見られる劣化損傷事例の大部分を占めており、既設橋の維持管理においては、腐食に対する適切な対処方法を明らかにすることが重要となっている。以上のことから、平成4～5年度に(社)日本橋梁建設協会と共同研究を行い、非破壊検査を用いた橋梁の腐食に対する点検方法、健全度評価方法および補修・補強方法について検討した。本報告書は、その一環として腐食の生じた橋梁部材の静的載荷実験を行い強度推定および補強方法についての検討結果をまとめたものである。

キーワード：鋼橋，腐食，非破壊検査，板厚測定，強度推定

## まえがき

橋梁部材の腐食は、鋼橋に見られる劣化損傷事例の大部分を占めており、これまでも腐食が主原因で橋梁の架替に至ったケースが報告されている。既設橋の維持管理においては、これらの腐食に対する適切な対処方法を明らかにすることが重要となっている。従来より鋼構造物の腐食を取り扱った調査研究は数多く行われており、また各種非破壊検査機器も開発されているが、橋梁部材としての腐食状態の現場測定手法や健全度の診断技術については十分に研究されておらず、現状では橋梁部材の腐食に対する対処方法は確立していない状況にある。本共同研究では点検業務における非破壊検査機器の適用性、非破壊検査機器による腐食部材の腐食程度および強度評価方法について検討を行った。

本報告書は、共同研究の一環として腐食部材の強度の評価法および補修補強方法について検討した結果を報告するものである。

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## 1 腐食部材の強度推定に関する検討

### 1. 1 検討概要

本章では、板厚測定結果から腐食部材の強度を推定する方法を明らかにするために、腐食試験体による以下の静的載荷試験を行い、板厚減少が部材強度に及ぼす影響について検討した。

①板タイプ試験体の引張試験

②桁タイプ試験体の曲げ試験

### 1. 2 板タイプ試験体の引張試験

#### 1. 2. 1 試験体

使用した試験体は日本海沿岸に8年間暴露した耐候性鋼箱型暴露試験体(図-1.2.1)から板状(JIS 1A号)に切り出した試験体19体(以下、板タイプ試験体と呼ぶ)である。以下に概要を示す。

#### (1) 腐食状況

腐食状況は切り出した部位及び試験体の表裏(箱内面と外面)で異なるが、耐候性鋼材を無塗装で暴露した試験体であるため局部腐食でなく全面におよぶ腐食が生じている。腐食程度については、箱桁の外面で絶えず日照降雨に曝される屋根上面、ウェブの下フランジ寄りの部分では腐食の程度は軽い。逆に日照降雨に曝されない箱桁の内面、張り出した屋根の下面においては粗い錆または層状剥離錆が生じている(写真-1.2.1(a)(b)参照)。試験体の暴露位置を図-1.2.2に示す。

#### (2) 寸法形状

寸法形状を図-1.2.3に、試験体の採取位置及び腐食状況を表-1.2.1に示す。試験体の寸法形状はJIS 1A号と同形状とし、試験体の腐食面は板厚測定のために両面サンドブラスト処理を行って錆を除去した。

#### (3) 材料試験結果

試験体の材料強度を確認するために、同じ箱型試験体から同形状で切り出した試験体9体を平滑に仕上げ材料試験を行った。採取位置別の材料試験結果を表-1.2.2に示す。材料強度としては、採取位置別の平均値を用いることとした。

### 1. 2. 2 板厚測定

#### (1) 使用機器

板厚測定に使用した非破壊検査機器は、レーザー式変位計を組み込んだ自動板厚測定システム(株)日本工業試験所製)である。

#### (2) 測定方法

板厚測定は、標点間距離200mmの範囲において縦横共に0.2mm間隔で行った。その測定値については1mm間隔に平均して整理し、1mm間隔の測定値から次の値を求めることとした。

(A) 全断面の平均板厚 (標点間の全断面の平均板厚)

(B) 破断位置の断面平均板厚 (破断位置における断面板厚の平均値)

(C) 最小平均板厚 (標点間の各断面平均板厚の最小値)

(D) 全断面の最小板厚 (標点間における最小板厚)

強度推定に用いた板厚測定値は上記 (A) ～ (D) の 4 種類である。図 - 1. 2. 4 に板厚測定結果の整理方法を示す。

### 1. 2. 3 試験方法

#### (1) 試験機及び载荷方法

载荷試験は建設省土木研究所材料構造共同実験棟の 60/90tf 疲労試験機を使用して行った (写真 - 1. 2. 2(a) 参照)。荷重は一定速度で増加させ部材が破断するまで行った。

#### (2) ひずみの測定

図 - 1. 2. 3 にひずみゲージの添付位置を示す。

#### (3) 変位の測定

写真 - 1. 2. 2(b) に変位計の設置状況を示す。

### 1. 2. 4 試験結果

表 - 1. 2. 3 に試験結果を示す。表中には試験体の採取位置と板厚測定結果も示している。

図 - 1. 2. 5(a) ～ (c) に各試験体の破断位置を示す。破断位置はあらかじめ試験体に 5mm ピッチで格子状に直線を引き、試験終了時にその直線から確認を行った。また、図 - 1. 2. 6(a) ～ (f) にレーザー式変位計による板厚測定結果と破断位置の関係を示す。試験体の腐食程度は板厚測定結果より最大板厚と最小板厚の差によって 1mm 以下を S、1.0 ～ 1.5mm を M、1.5mm 以上を L と分類した。

図 - 1. 2. 7(a) ～ (e) に各試験体における荷重 - ひずみの関係を示す。

#### (1) 破断位置

破断位置については、腐食程度が厳しい場合 (L)、板厚が局部的に減少し、最小板厚、平均板厚ともに小さい断面付近 (必ずしも全断面の中の最小値をとる断面ではない) で破断している。ただし、破断位置が最小板厚、平均板厚の小さい断面から若干ずれている試験体も見られた。また、腐食程度が軽く最小板厚と最大板厚との差が小さい場合 (S) には、最小板厚、平均板厚に依存せずに破断する傾向にある。

#### (2) 降伏強度、引張強度

図 - 1. 2. 8(a)(b) に降伏荷重および最大引張荷重の実測値と板厚測定値諸量から求めた各荷重の計算値を比較して示す。

全般的に降伏荷重の方が最大引張荷重に対しばらつきが大きい傾向にある。特に平均板厚 (A) では、実測値と比較して計算値の方が大きくなる傾向にある。また、腐食程度が厳しいほど降伏強度についてはばらつきが大きくなる傾向にある。

(B), (C), (D) では、最大引張荷重は計算値の方が腐食程度によらず大きくなるが、降伏荷重は逆に小さくなり過大に評価される可能性がある。ただし今回の腐食試験体に関していえば、いずれの計算値でも降伏荷重では最大 20%、最大引張荷重では 5% 程度の余裕を見込めば強度推定は可能と考えられる。

### (3) 測定間隔の影響

測定間隔が粗くなると局所的な板厚減少位置を見逃し誤差が生じる可能性が考えられるが、この影響を検討してみた。図-1.2.9(a)～(c)は、データの抜き取り間隔を粗くした場合の板厚測定値への影響を1mm間隔の値で無次元化して比較したものである。

平均板厚を除いて、測定間隔を粗くしていくと大きめに評価する傾向にある。測定間隔20mmの場合、降伏強度の(C)による計算値に対して最大6%、平均2%程度過大に評価する可能性があることが確認された。

## 1. 3 桁タイプ試験体の曲げ試験

### 1. 3. 1 試験体

使用した試験体は撤去された既設橋(旧穴吹橋(徳島県))の床組の縦桁をそのまま使った試験体6体である。以下に概要を示す。

#### (1) 腐食状況

試験体はもともとRC床版を支持する縦桁であり、外桁においては、地覆から床版下面を伝わってきた水により、上フランジに著しい腐食が見られた。ウェブおよび下フランジはそれほど腐食は生じていなかった。また、内桁についても、腐食はそれほど生じていなかった。試験体としては、腐食の厳しい外桁とほぼ健全な内桁の両方を用いることとした。各試験体の腐食状況を写真-1.3.1(a)(b)に、写真-1.3.2(a)～(f)に各試験体の上フランジ部の腐食状況を示す。

#### (2) 寸法形状

桁タイプ試験体は新たな加工は行わず、そのまま上下フランジを逆にして試験体として使用した。腐食部分については、板厚測定を行うためにサトプラスト処理を行っている。図-1.3.1に試験体の寸法形状を示す。写真-1.3.3(a)(b)に純曲げ載荷試験時の等曲げ区間の腐食状況を示す。

#### (3) 材料試験結果

本試験体の材料強度を確認するために、予備の桁の各部(下フランジ、上フランジ、ウェブ)から切り出した試験体(図-1.2.3と同一形状)を平滑に仕上げ、その試験体を使って引張試験を行った。その結果を表-1.3.1に示す。降伏強度の平均値は2136kgf/cm<sup>2</sup>であり、現在使われているSS400材よりも低強度の鋼材であるものと考えられる。

## 1. 3. 2 板厚測定

### (1) 使用機器

板厚測定には、ノギスおよびポイントマイクロメーター(測定精度0.1mm)を使用した。

### (2) 測定方法

図-1.3.2中のフランジ幅 $L_1$ 、 $L_2$ 、 $L_3$ と桁高 $H_1$ についてはノギスを、腐食したフランジ部の板厚測定についてはポイントマイクロメーターを使用した。腐食したフランジ部の板厚測定は5mm間隔で測定を行い、得られた測定値から図に示す要領で腐食したフランジ部の平均板厚を算出した。

### 1. 3. 3 試験方法

#### (1) 試験機及び載荷方法

載荷試験は建設省土木研究所材料構造共同実験棟の150/200tf 疲労試験機を使用して行った。荷重は載荷ばりを介して2点載荷とし、一定速度で荷重を増加させた(写真-1.3.4)。図-1.3.3に載荷ばりの寸法形状を示す。

試験体については、腐食している上フランジ部を引張側(下フランジ側)とした。

#### (2) 支点条件

桁タイプ試験体を使った曲げ試験の支点条件は両支点とも軸方向を可動とし、浮き上がり防止のための治具を取り付けた。図-1.3.4(a)(b)に支点治具形状を示す。

#### (3) 横倒れ防止方法

桁タイプ試験体を使った曲げ載荷試験においては、試験体の横倒れによる座屈を防止するために、2箇所横倒れ防止治具を設置した。横倒れ防止治具の設置位置と形状を図-1.3.5に示す。

#### (4) ひずみの測定

図-1.3.1にひずみゲージの添付位置を示す。

#### (5) 変位の測定

図-1.3.1に変位計の設置位置を示す。

### 1. 3. 4 試験結果

表-1.3.2に曲げ載荷試験結果を示す。なお、試験は載荷桁と試験体の上フランジのすきまがなくなった時点で終了した。

#### (1) 試験終了時の状況

写真-1.3.5(a)～(g)に試験終了時の状態を示す。また、試験体 No. 3、4においては、試験中に下フランジのへりから、亀裂が数カ所から発生した。写真-1.3.6(a)～(c)に亀裂の発生状況を示す。

#### (2) 荷重と変位の関係

図-1.3.6(a)(b)に各試験体の支間中央における荷重-変位の関係を示す。図中には参考として、仮に図中の4タイプの断面欠損が生じた場合の荷重変位の計算値を示す。

図-1.3.7(a)～(c)に各試験体における各測定箇所別の荷重-変位の関係を示す。

図-1.3.8(a)～(c)に各試験体における荷重レベル別の荷重-変位の関係を示す。

図-1.3.9(a)～(b)に試験体 No. 1, 3, 4, 5各試験体における支間中央の荷重-たわみの実測値と板厚測定結果から求めた推定値を示す。推定値1は等曲げ区間の平均板厚、推定値2は等曲げ区間の断面平均板厚の最小値である。推定値1、2ともに差は小さいが、いずれの試験体についても推定値1すなわち平均板厚による計算値が実測値に近い傾向にある。

#### (3) ひずみ分布

図-1.3.10(a)～(h)に腐食の厳しい試験体について、ひずみの実測値と各断面の平均板厚から求められたひずみ分布を載荷荷重、各測定断面別に示す。

荷重10.0tf(降伏強度の約1/2の荷重レベル)載荷時では、引張り側において実測値と計算値の間に若干差は見られるものの、極端な分布形状の差は見られていない。対象部位の平均的な板厚によって弾性範囲内の挙動は概ね推定できるものと考えられる。

一方、荷重20.0tf(健全時での降伏荷重程度)載荷時では部分的な降伏によりひずみ値がかなり大きくなり、計算値と比べて差が生じている断面も見られる。

#### (4) 横倒れ座屈

図-1.3.11(a)～(c)に各試験体の支間中央上フランジ面の荷重-ひずみ図を示す。腐食による引張りフランジの断面欠損の厳しい試験体 No.3を除いて、弾性範囲内においてはフランジの面外方向への変形は見られない。試験体 No.3については降伏荷重程度まではひずみの乱れはほとんど見られず、この範囲においては座屈現象は生じていないものと考えられる。

## 2. 腐食部材の補修・補強に関する検討

### 2. 1 検討概要

腐食によって断面欠損の生じた部材の補修・補強方法として、一般に添接板を高力ボルトの摩擦接合によって取付け断面補強を図る方法が採用されている。しかしながら、これまで凹凸が厳しい部位に対してこの方法を採用した場合、力の伝達がどの程度期待出来るのか、また母材と添接板との接合部の処理による補強効果への影響について必ずしも十分な検討が行われていない。

本章では、腐食面の処理方法や母材と添接板との接合条件を変化させた場合について、以下の試験を行い補強効果に及ぼす影響について検討を行った。

①添接板連結した腐食試験体のすべり耐力試験

②添接板補強した腐食試験体の引張試験

### 2. 2 添接板連結した腐食試験体のすべり耐力試験

#### 2. 2. 1 試験体

使用した試験体は、1. 2節で述べた暴露試験体(図-1. 2. 1参照)から切り出した試験体20体である。以下に概要を示す。

##### (1) 寸法形状

図-2. 2. 1に試験体の寸法形状を示す。

##### (2) 接合条件

表-2. 2. 1に各試験体の接合条件(充填材の有無、腐食面の処理、締付軸力)の一覧を示す。

母材と添接板との接合条件としては、①充填材の有無、②腐食面の処理、③ボルトの締付軸力の3条件を考慮した。充填材は2液混合常温硬化型接着剤を使用し、腐食面の処理はケレン(ワイヤカップブラシでこする程度)とブラスト処理の2種類、締付軸力は道路橋示方書の規定値22. 5tfとその約半分の10. 0tfとした。

#### 2. 2. 2 試験方法

##### (1) 載荷方法

試験機は60/90tf疲労試験機を使用し、荷重を一定速度で増加させ継手のすべり荷重を測定した。すべり荷重の確認は連結された添接板と母材間のずれを測定することにより行った(写真-2. 2. 1)。

##### (2) ひずみの測定

図-2. 2. 1にひずみゲージの添付位置を示す。

##### (3) 添接板と母材間のずれ量の測定

図-2. 2. 1に $\pi$ 型変位計の設置位置を示す。

#### 2. 2. 3 試験結果

表-2.2.2に試験結果をまとめる。

図-2.2.2(a)～(d)に各試験体の荷重-ずれ量の関係を示す。また、図-2.2.3、図-2.2.4にすべり現象が確認出来た試験体について、接合条件とすべり荷重およびすべり係数の関係を示す。写真-2.2.2に試験後の主な試験体の接合面の状況を示す。

充填材有りの試験体がその他の試験体と比べてすべり係数、すべり荷重ともに大きな値を示しており、道路橋示方書に規定されるすべり係数0.4を満足している。充填材無しの試験体ではすべり係数は0.4程度であり、新規材よりも若干小さい。また、0.4を下回る場合も見られている。明確なすべり現象が確認されなかった試験体はすべて充填材有りの試験体であり、これらはすべり現象が起こる前に母材が降伏したものと考えられる。仮に降伏荷重に対してすべり係数を求めるとすべて0.4以上になり、少なくとも締付け軸力22.5tfを導入し充填材を入れることによって表面仕上げ方法に関係なくすべり係数0.4は確保できるものと考えられる。

## 2.3 添接板補強した腐食試験体の引張試験

### 2.3.1 試験体

使用した試験体は、1.2節で述べた暴露試験体(図-1.2.1参照)から切り出した試験体23体である。以下に概要を示す。

#### (1) 寸法形状

図-2.3.1に試験体の寸法形状を示す。

#### (2) 接合条件

表-2.3.1に各試験体の接合条件(充填材の有無、腐食面の処理、締付け軸力)の一覧を示す。

### 2.3.2 試験方法

#### (1) 載荷方法

試験機は60/90tf疲労試験機を使用した(写真-2.3.1)。荷重は一定速度で増加させ試験体が破断するまで行った。

#### (2) ひずみの測定

図-2.3.1にひずみゲージの添付位置を示す。

#### (3) 変位の測定

図-2.3.1に変位計の設置位置を示す。

### 2.3.3 試験結果

表-2.3.2に試験結果を示す。写真-2.3.2に破断状況を示す。図-2.3.2に断面別のひずみの計算方法、図-2.3.3(a)～(h)にそれに基づいて整理した20、40tf載荷時の各断面のひずみ分布を示す。

図-2.3.4(a)～(f)に第一、二ボルト列における母材と添接板のひずみの比率(母材のひずみ/(母材のひずみ+添接板1のひずみ+添接板2のひずみ)、以下ひずみ比率と呼ぶ)と作用荷重の関係を接合条件により分類して示す。母材と添接板が一体化している場合、母材-添接板間のひずみ比率は0.33となり、添接板に荷重が伝達されなくなるにつれてひずみ比率は1.0に近づくものと考えられる。

また、図中には荷重 $P_{M1}$ （母材のボルト孔断面を考慮した時の降伏荷重；36.3tf）と荷重 $P_{M2}$ （荷重 $P_{M1}$ に対して安全率1.7で除した荷重；21.4tf）、および荷重 $P_{M3}$ （母材のボルト孔断面を考慮しない場合の母材の降伏荷重54.0tfに対して安全率1.7で除した荷重；31.8tf）を示す。

以下に主な結果を示す。

#### （１）第一ボルト列断面のひずみ

##### １）充填材なし

充填材を入れない試験体については表面仕上げの違いの影響はほとんど見られず、各試験体とも荷重の増加とともにひずみ比率も増加する、すなわち母材のひずみが増加する傾向にある。

軸力を増加させた場合の方がひずみ比率は小さくなり、添接板の荷重分担が向上する傾向にある。

ひずみ比率の値は作用荷重0～40.0tfに対して0.6～1.0の値をとっている。

##### ２）充填材あり

充填材を入れた試験体については、ひずみ比率は入れない試験体と比較して低くなっている。ひずみ比率は作用荷重0～40.0tfに対して、ケレン仕上げでは0.4～0.8、ブラスト仕上げでは概ね0.4前後となっている。また、ケレン仕上げの試験体では荷重の増加とともにひずみ比率が大きくなるのに対し、ブラスト仕上げの試験体では荷重が増加してもひずみ比率に変化はほとんど見られない。以上のことから、ブラスト仕上げの方がケレン仕上げに比べて添接板による補強効果が期待できるものと考えられる。なお、締付け軸力が高いほど添接板と母材間のひずみ分担が向上する傾向にある。

図中には３ケースの荷重レベルを示しているが、孔引きを考慮した場合、充填材が入っていれば荷重レベル１までは、ケレン仕上げでも母材と添接板の一体化は概ね期待できるものと考えられる。一方、孔引きを考慮しない場合、充填材を入れブラスト仕上げを行えば、荷重レベル２までは期待できるが、ケレン仕上げでは多少ひずみ比率が増加しており注意が必要である。

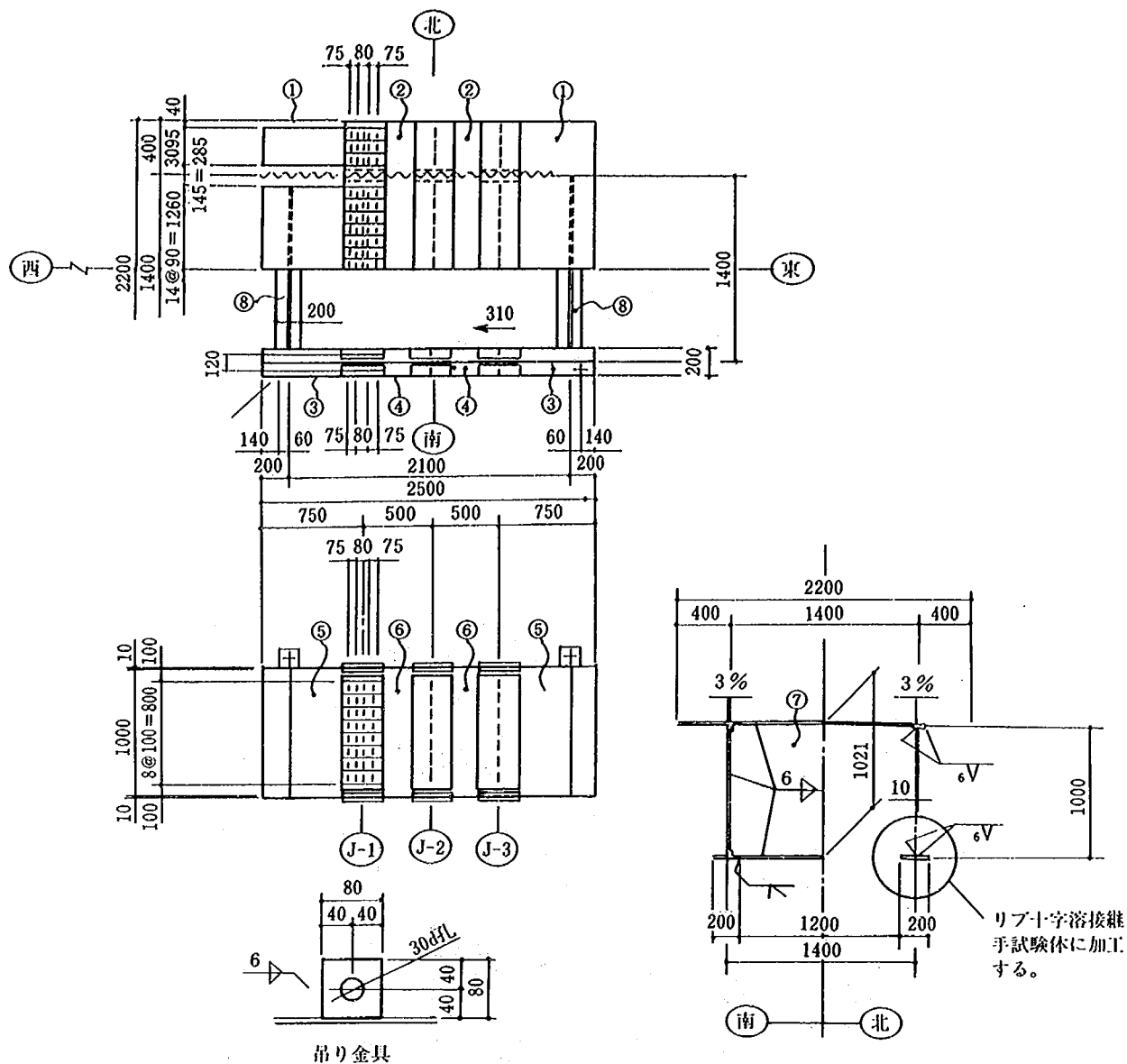
#### （２）第二ボルト列断面のひずみ

締付け軸力が10tfで充填材なしのケースの荷重レベル３近辺を除き、ひずみ比率の値は0.3～0.4と低く、第一ボルト列断面の結果と比較して試験体の接合条件別の違いはほとんど見られない。なお、締付け軸力が10tfで充填材なしのケースにおいてケレンとブラストによるひずみ比率の違いは特に見られない。

以上、各ボルト列断面におけるひずみ比率の測定結果を踏まえると添接板による断面補強に際して、第一ボルト列断面での接合性に留意する必要がある。この部分について母材と添接板の一体化を図るためには、充填材を入れることが望ましい。

また、補修・補強に際して第一ボルト列断面のボルト孔の控除が断面設計上のネックとなる場合がある。今回の試験によればブラスト仕上げを行い充填材を入れることにより、孔引きを考慮しない設計荷重範囲内において、母材と添接板はほぼ一体となり補強効果は期待出来るものと考えられる。

# 図 表



材料表

|     | 員数  | 形状・寸法           | 重量kg | 備考  |
|-----|-----|-----------------|------|-----|
| ①   | 2   | PI=2200×10× 750 | 259  | 添接材 |
| ②   | 2   | "=2200×10× 500  | 173  |     |
| ③   | 4   | "= 200×10×7500  | 47   |     |
| ④   | 4   | "= 200×10× 500  | 31   |     |
| ⑤   | 4   | "=1000×10× 750  | 236  |     |
| ⑥   | 4   | "=1000×10× 500  | 157  |     |
| ⑦   | 2   | "=1021×10×1390  | 223  |     |
| ⑧   | 2   | "= 200×10×1200  | 38   |     |
| ⑨   | 3   | "= 310×10×2200  | 161  |     |
| ⑩   | 3   | "= 310×10× 365  | 98   |     |
| ⑪   | 6   | "= 200×10× 310  | 53   |     |
| ⑫   | 6   | "= 200×10× 310  | 29   |     |
| ⑬   | 12  | "= 80×10× 310   | 23   |     |
| ⑭   | 12  | "= 310×10× 900  | 263  |     |
| ⑮   | 4   | "= 80×10× 80    | 2    |     |
| ⑯   | 540 | HTB = M22× 70   | 300  |     |
| 合 計 |     |                 | 2093 |     |

特 記

1. 鋼材の材質はSMA50W
2. 高力ボルトはF10TW  
全て工場締めとする。
3. 添接材の曝露年数  
J-1 — 4年  
J-2 — 8年  
J-3 — 予備
4. 本図面の材料は全て無塗装とする。

図-1.2.1 耐候性鋼箱型曝露試験体の寸法形状

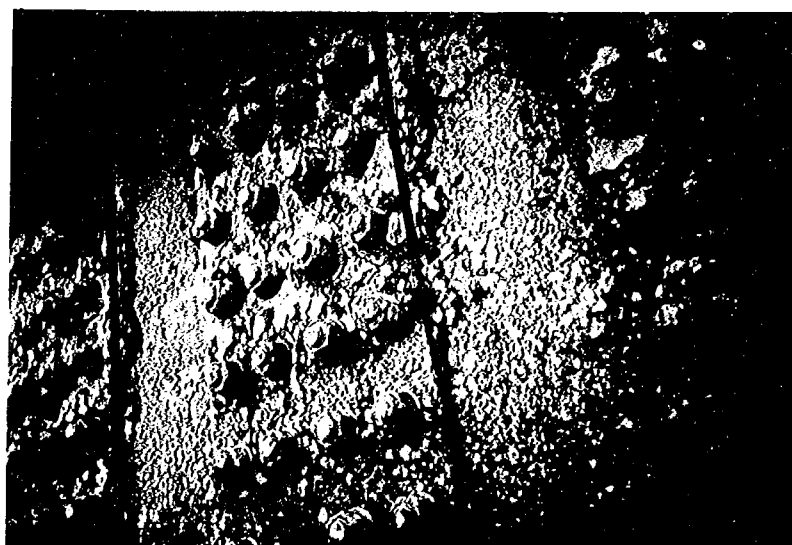
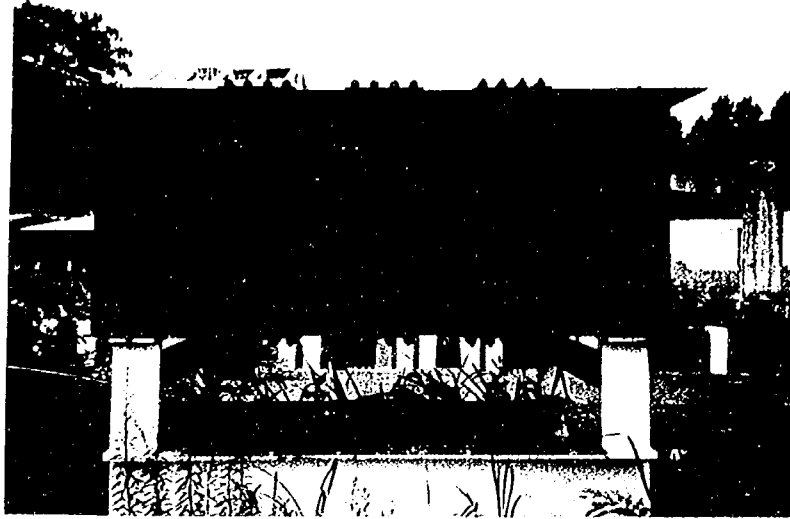


写真-1.2.1(a) 耐候性鋼箱型曝露試験体の腐食状況

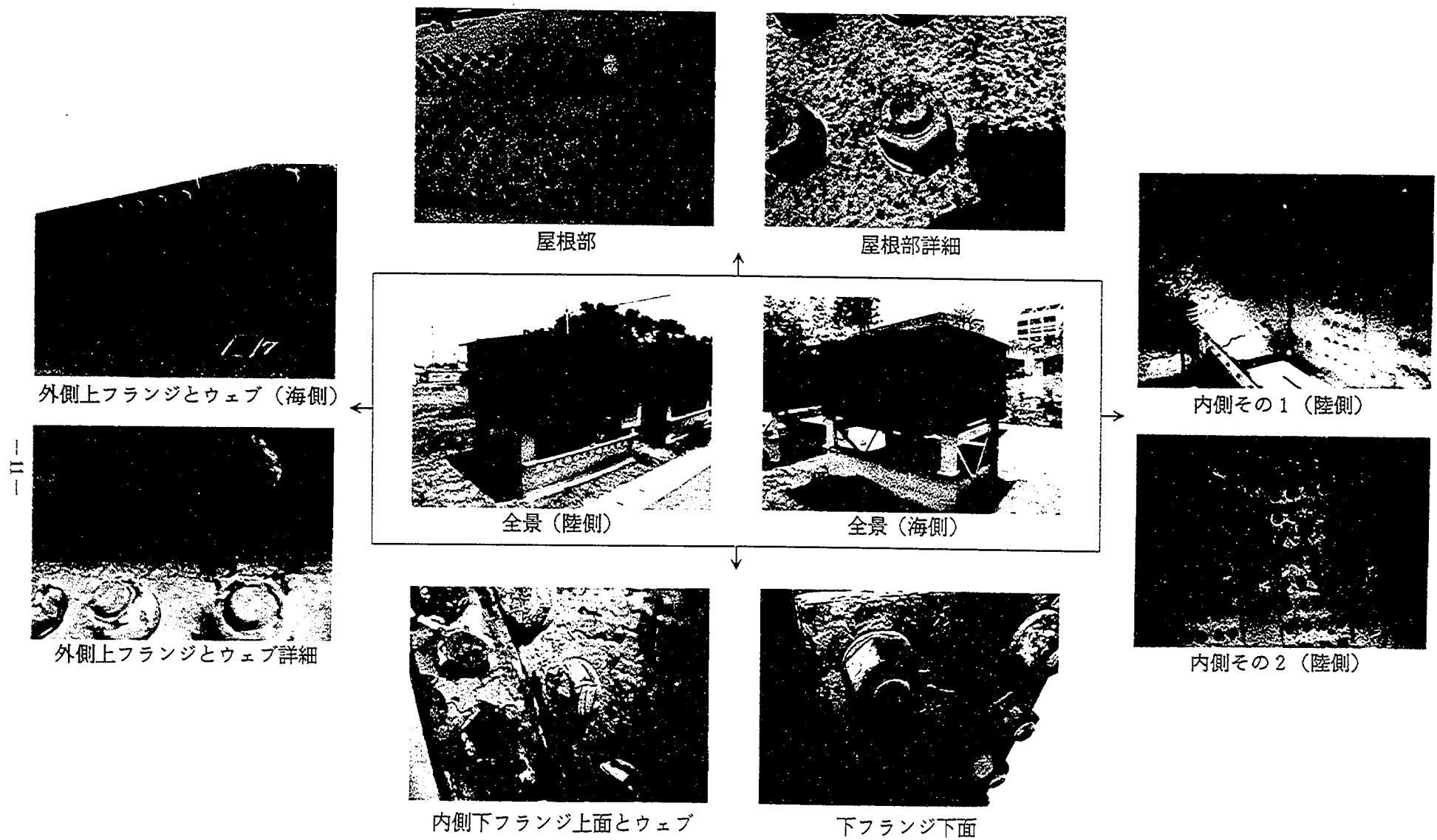


写真-1.2.1(b) 耐候性鋼箱型曝露試験体の腐食状況

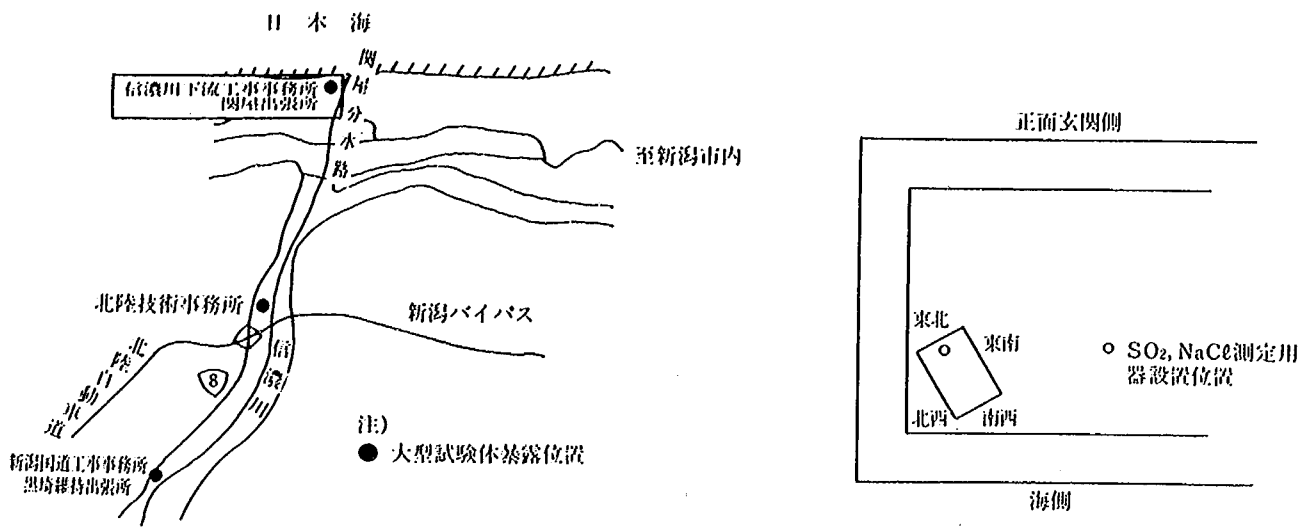


図-1.2.2 耐候性銅箱型暴露試験体の暴露位置

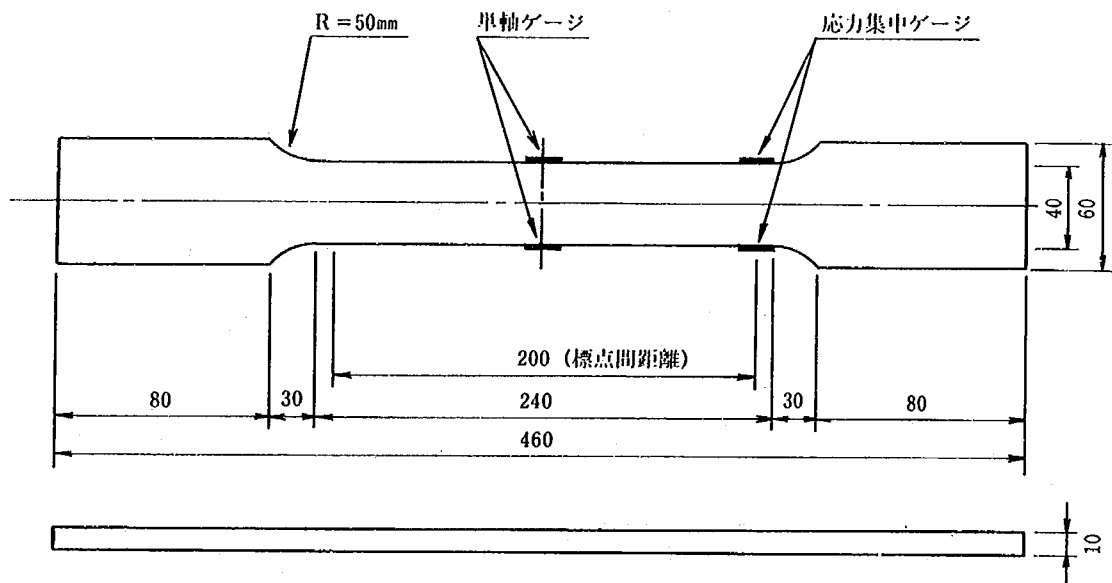


図-1.2.3 板タイプ試験体の寸法形状、ひずみゲージ添付位置

表-1.2.1 板タイプ試験体の採取位置および腐食状況

腐食材 19体

| 試験体No. | 採取位置  | 腐食状況 |    |
|--------|-------|------|----|
|        |       | 表面   | 裏面 |
| S1     | U-Flg | M    | S  |
| S2     |       | M    | S  |
| S3     |       | S    | S  |
| S4     |       | L    | S  |
| S5     |       | M    | S  |
| S6     |       | L    | S  |
| S7     |       | L    | S  |
| S8     |       | L    | S  |
| S9     |       | L    | M  |
| S10    |       | L    | S  |
| S11    |       | L    | S  |
| S12    |       | L    | S  |
| S13    | S-Web | S    | S  |
| S14    |       | L    | M  |
| S15    |       | M    | M  |
| S16    |       | M    | S  |
| S17    | N-Web | S    | S  |
| S18    |       | M    | S  |
| S28    | E-Dia | S    | S  |

平滑材 9体

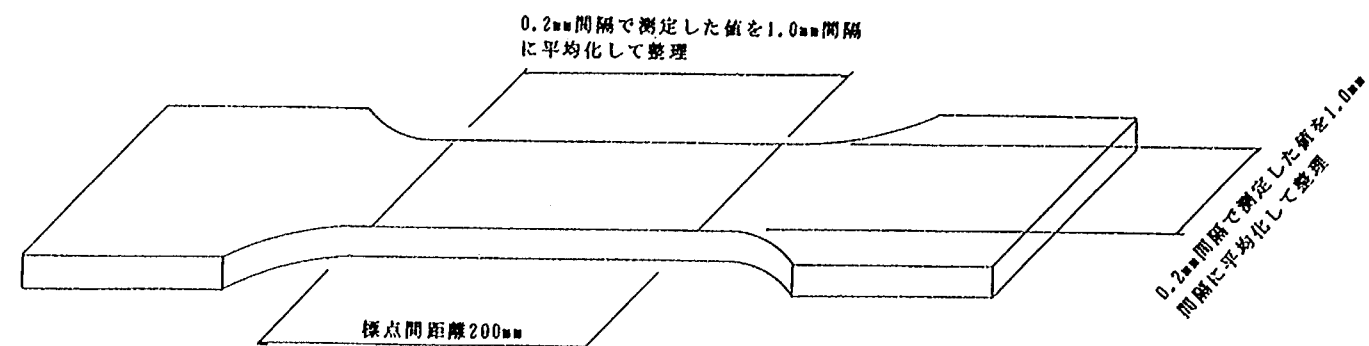
| 試験体No. | 採取位置  |
|--------|-------|
| S32    | W-Dia |
| S33    |       |
| S36    | E-Dia |
| S37    |       |
| S39    | U-Flg |
| S41    | N-Web |
| S42    |       |
| S45    | S-Web |
| S46    |       |

- ・腐食状況については錆付着状態における外観目視
- ・L:凹凸大、M:凹凸中、S:凹凸小
- ・表面は箱桁内部面

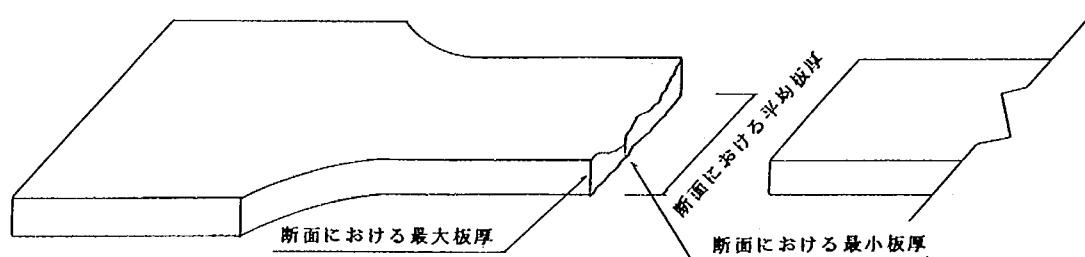
表-1.2.2 板タイプ試験体の材料試験結果

| 試験体No. | 採取位置  | 降伏荷重  | 降伏時変位 | 降伏強度                   | 最大荷重  | 引張強度                   | 平均断面積1)            | 採取位置別の強度の平均値 |      |
|--------|-------|-------|-------|------------------------|-------|------------------------|--------------------|--------------|------|
|        |       | (tf)  | (mm)  | (kgf/cm <sup>2</sup> ) | (tf)  | (kgf/cm <sup>2</sup> ) | (mm <sup>2</sup> ) | 降伏強度         | 引張強度 |
| S32    | 西側クエブ | 12.23 | 0.90  | 3535                   | 15.45 | 4465                   | 346                |              |      |
| S33    | フラム   | 12.07 | 0.92  | 3529                   | 15.16 | 4433                   | 342                | 3532         | 4449 |
| S36    | 東側クエブ | 11.88 | 0.98  | 4055                   | 15.31 | 5225                   | 293                |              |      |
| S37    | フラム   | 11.23 | 0.95  | 3820                   | 13.46 | 4578                   | 294                | 3938         | 4902 |
| S39    | 上フランジ | 12.7  | 0.95  | 3608                   | 15.64 | 4443                   | 352                | 3608         | 4443 |
| S41    | 北側クエブ | 13.2  | 0.95  | 3646                   | 16.2  | 4475                   | 362                |              |      |
| S42    |       | 13.26 | 1.01  | 3499                   | 16.62 | 4385                   | 379                | 3573         | 4430 |
| S45    | 南側クエブ | 13.15 | 0.94  | 3633                   | 16.18 | 4470                   | 362                |              |      |
| S46    |       | 13.13 | 1.08  | 3511                   | 16.73 | 4473                   | 374                | 3572         | 4472 |
| 平均値    |       |       |       | 3648                   |       | 4550                   |                    |              |      |

注1) 平均断面積は、ガス使用による標点間の3断面(両端部、中央部)の面積



標点間距離200mm区間について縦横共に0.2mm間隔で板厚測定を行い、その測定値を1mm間隔に平均化して整理を行った。



標点間距離200mmの区間を1mm間隔の各断面別に整理を行った。

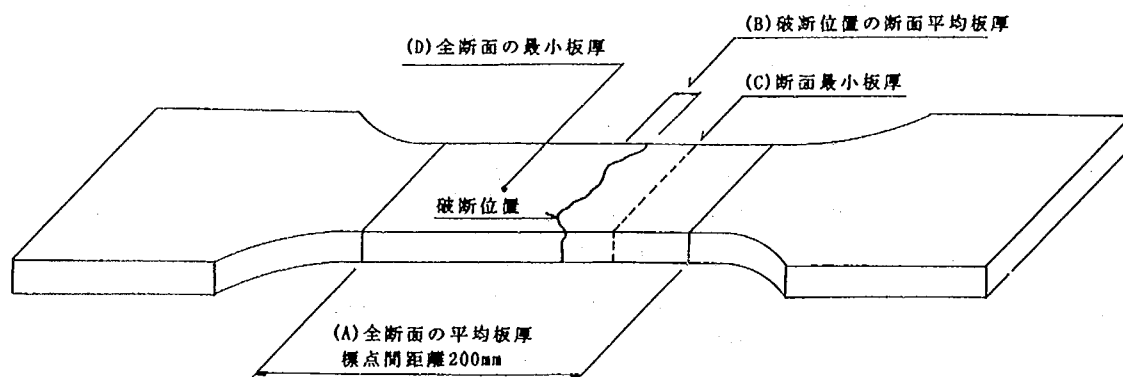
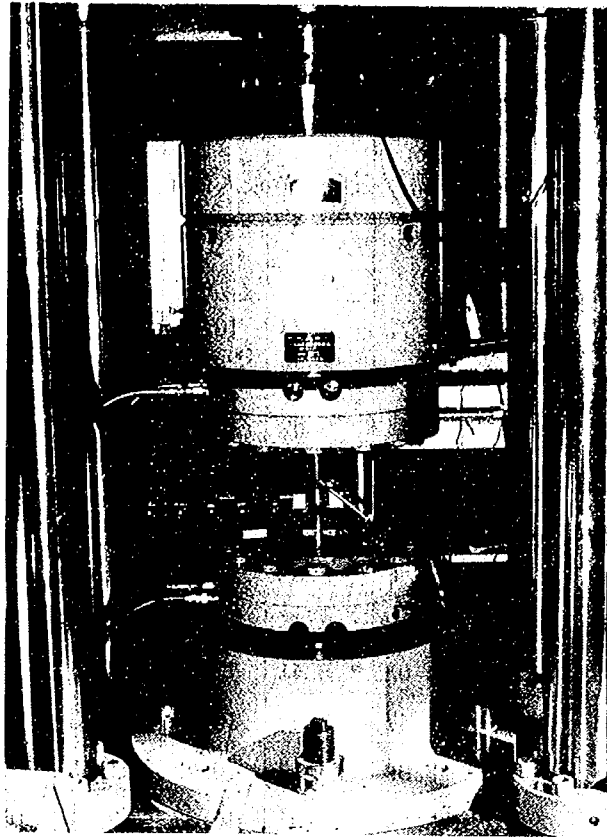
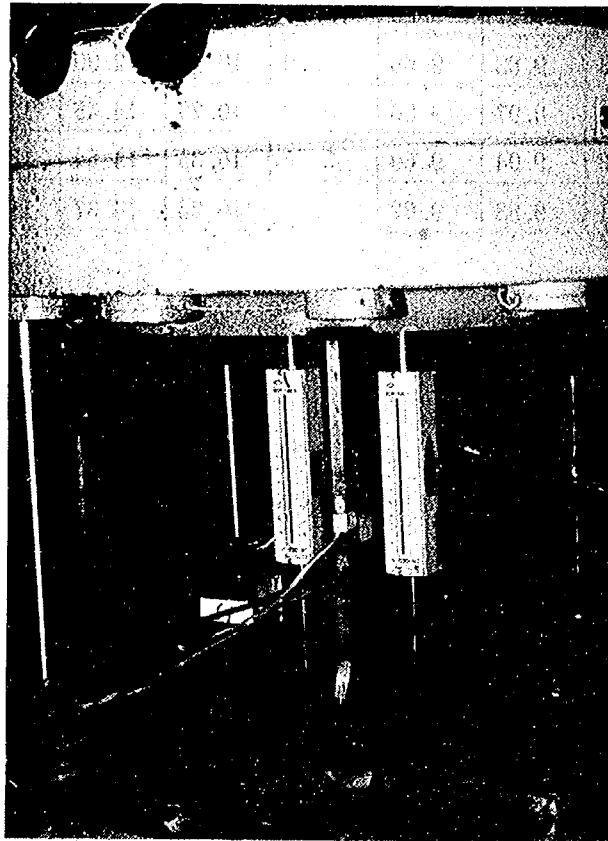


図-1.2.4 板厚測定結果の整理方法



(a) 60/90 tf 疲労試験機



(b) 試験体および変位計の設置状況

写真-1.2.2 板タイプ試験体の静的引張試験の状況

表-1.2.3 板タイプ試験体の静的引張試験結果

| 試験体<br>No. | 採取位置   | 平均板厚<br>(mm)<br>(A) | 破断位置<br>の平均<br>板厚 (mm)<br>(B) | 最小平均<br>板厚<br>(mm)<br>(C) | 最小板厚<br>(mm)<br>(D) | 最大板厚<br>(mm) | 降伏荷重<br>(tf) | 最大<br>引張荷重<br>(tf) | 腐食程度及び<br>破断状況<br>1), 2), 3) |
|------------|--------|---------------------|-------------------------------|---------------------------|---------------------|--------------|--------------|--------------------|------------------------------|
| S1         | 上フランジ* | 10.06               | 10.08                         | 9.77                      | 8.74                | 10.38        | 13.40        | 18.03              | L ① a m                      |
| S2         |        | 10.10               | 10.09                         | 9.86                      | 8.76                | 10.46        | 13.79        | 18.20              | L ①                          |
| S3         |        | 10.15               | 10.11                         | 10.04                     | 9.62                | 10.34        | 14.34        | 18.28              | S ①                          |
| S4         |        | 10.12               | 9.96                          | 9.88                      | 8.77                | 10.61        | 14.00        | 18.08              | L ① a                        |
| S5         |        | 10.16               | 9.94                          | 9.89                      | 8.83                | 10.39        | 13.74        | 17.98              | L ① a m                      |
| S6         |        | 9.86                | 9.47                          | 9.46                      | 8.66                | 10.33        | 12.41        | 17.17              | L ① a m                      |
| S7         |        | 9.92                | 9.82                          | 9.58                      | 8.55                | 10.22        | 13.20        | 17.65              | L ① a m                      |
| S8         |        | 9.45                | 9.12                          | 9.02                      | 8.41                | 10.16        | 12.24        | 16.62              | L ① a m                      |
| S9         |        | 9.86                | 9.49                          | 9.47                      | 8.48                | 10.32        | 12.55        | 17.50              | L ① a m                      |
| S10        |        | 9.55                | 9.29                          | 8.99                      | 8.03                | 10.22        | 11.53        | 16.89              | L ① a                        |
| S11        |        | 9.65                | 9.12                          | 8.79                      | 7.91                | 10.32        | 12.21        | 16.97              | L ① a m                      |
| S12        |        | 9.29                | 9.06                          | 8.99                      | 8.30                | 10.09        | 11.88        | 16.75              | L ① a                        |
| S13        | 南側ウェブ* | 9.81                | 9.71                          | 9.63                      | 9.00                | 10.21        | 13.63        | 17.46              | M ① m                        |
| S15        | 北側ウェブ* | 9.83                | 9.82                          | 9.66                      | 9.20                | 10.25        | 12.90        | 17.87              | M ② a                        |
| S17        |        | 10.03               | 9.97                          | 9.86                      | 9.49                | 10.29        | 14.45        | 18.16              | S ③                          |
| S18        |        | 10.02               | 9.94                          | 9.69                      | 9.16                | 10.35        | 14.54        | 18.25              | M ③                          |
| S28        | 東側ウェブ* | 9.91                | 9.88                          | 9.82                      | 9.42                | 10.23        | 14.37        | 18.08              | S ① a                        |

注1) レーザーによる板厚測定結果より  
(最大板厚-最小板厚)

S : 1.00mm以下

M : 1.00~1.50mm

L : 1.50mm以上

注2) ① : 板厚が局部的に減少しており、最小板厚、最小平均板厚共に小さい断面付近で破断

② : 最小板厚は小さいが、最小平均板厚は必ずとも小さいとはいえない断面付近で破断

③ : その他の位置で破断

注3) a : 最小板厚の最小断面付近で破断

b : 最小平均板厚の断面で破断

※1 板厚測定の値は自動板厚測定システム((株)日本工業試験所製)により0.2mm間隔で測定した値を1.0mm間隔に平均化した値

※2 試験体No. S14とS16は標点間外で破断したため除外した

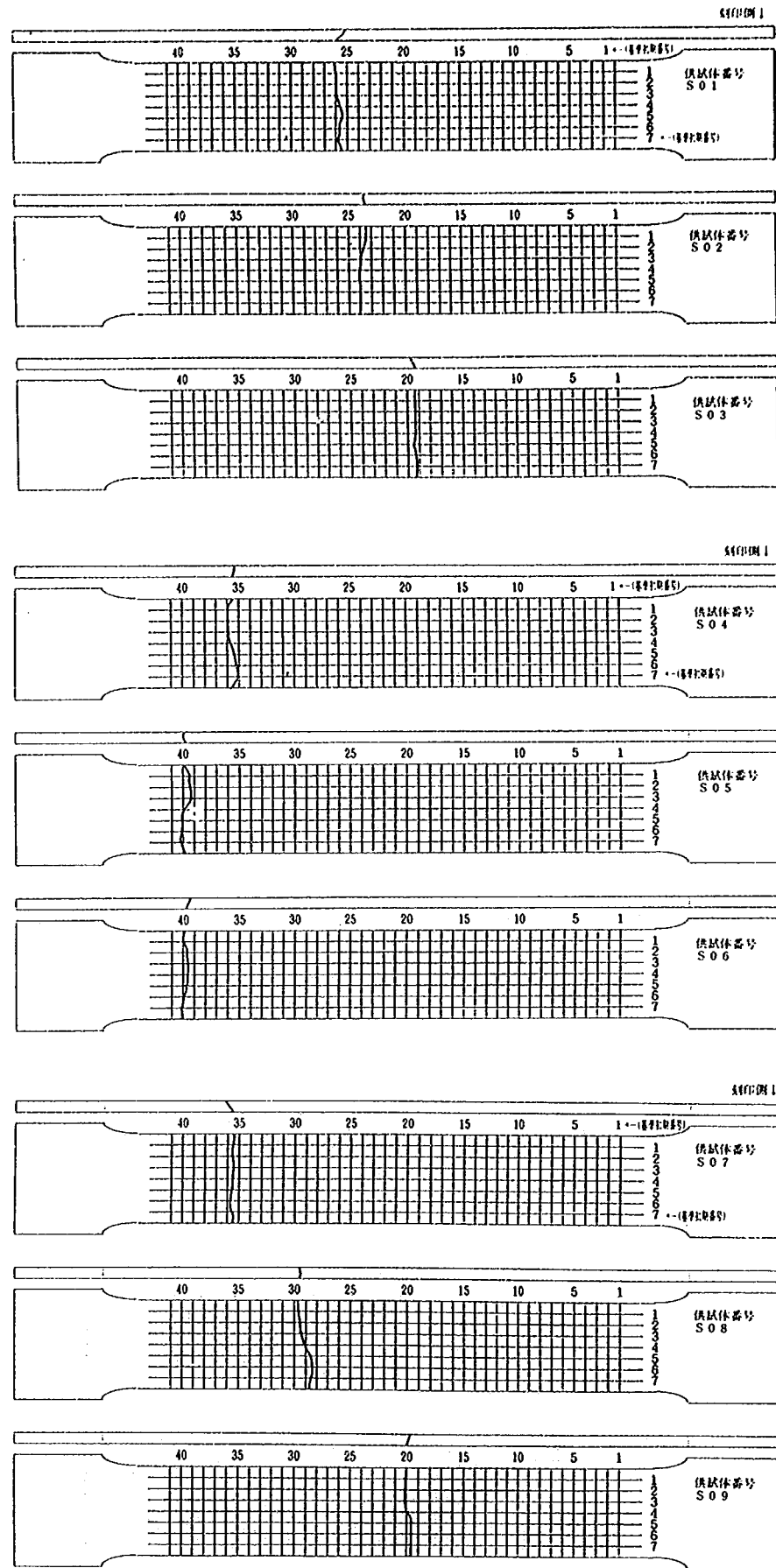


図-1.2.5(a) 板タイプ試験体の破断位置

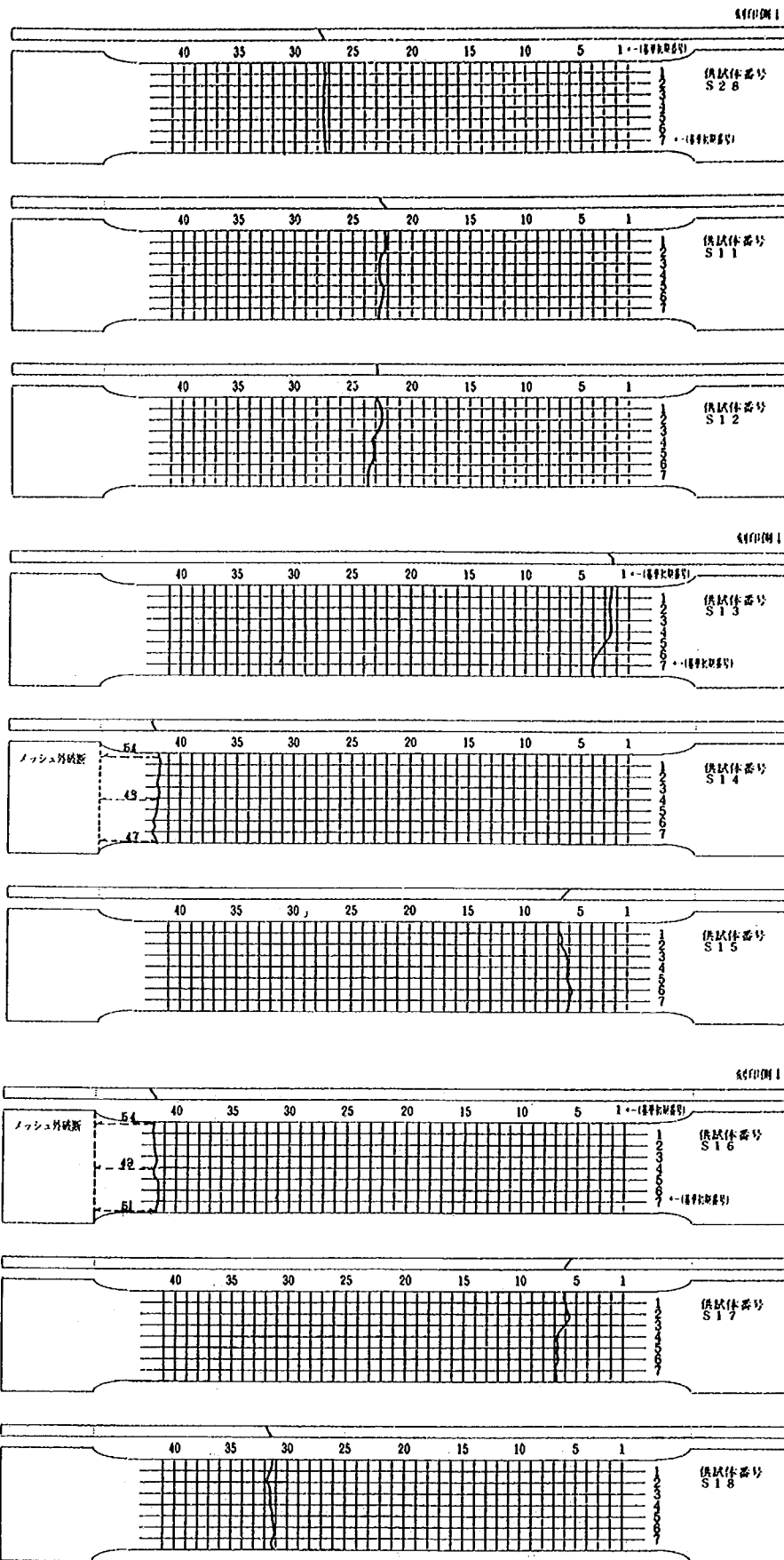


図-1.2.5 (b) 板タイプ試験体の破断位置

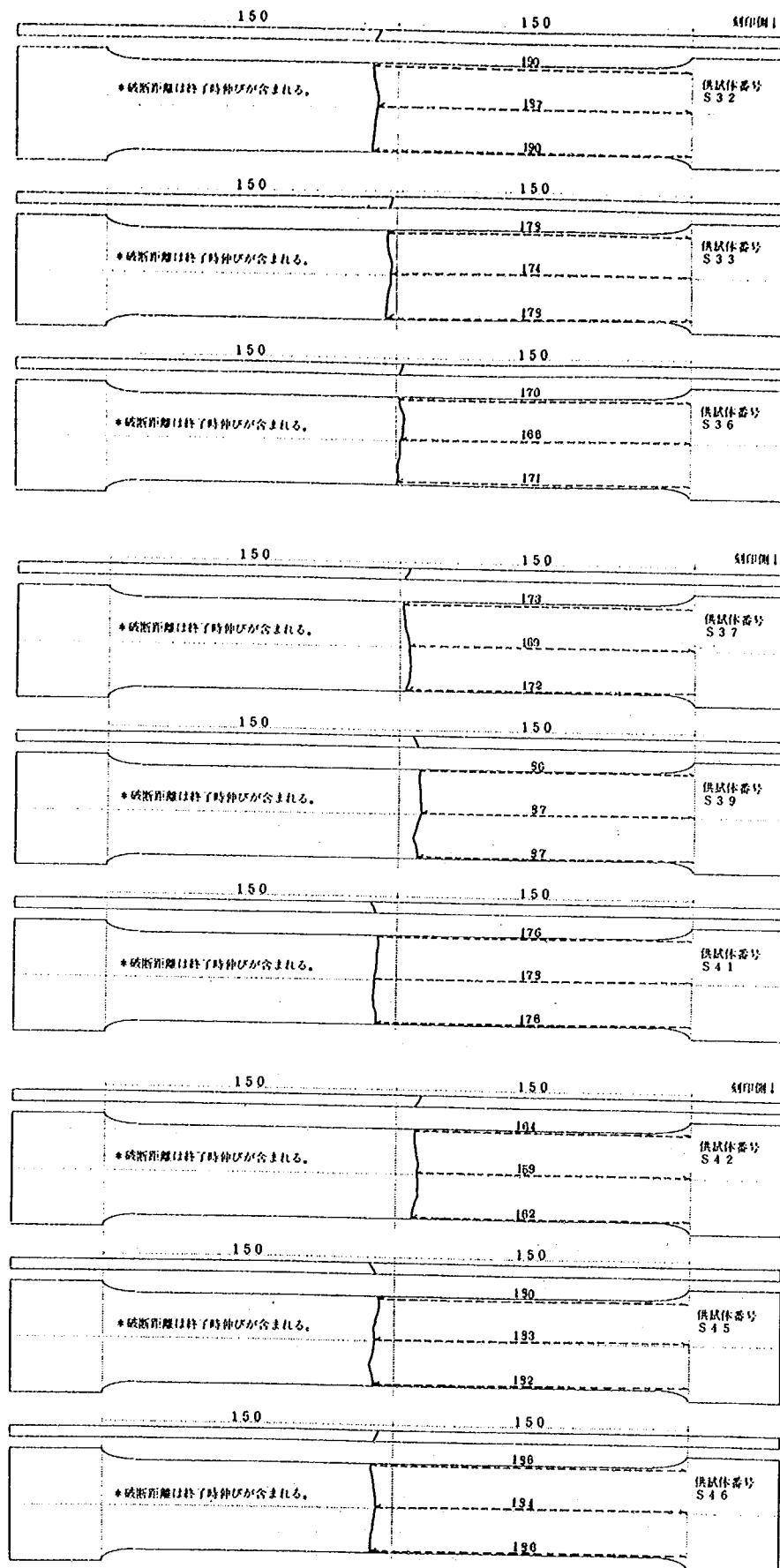


図-1.2.5(c) 板タイプ試験体の破断位置 (材料試験用平滑材)

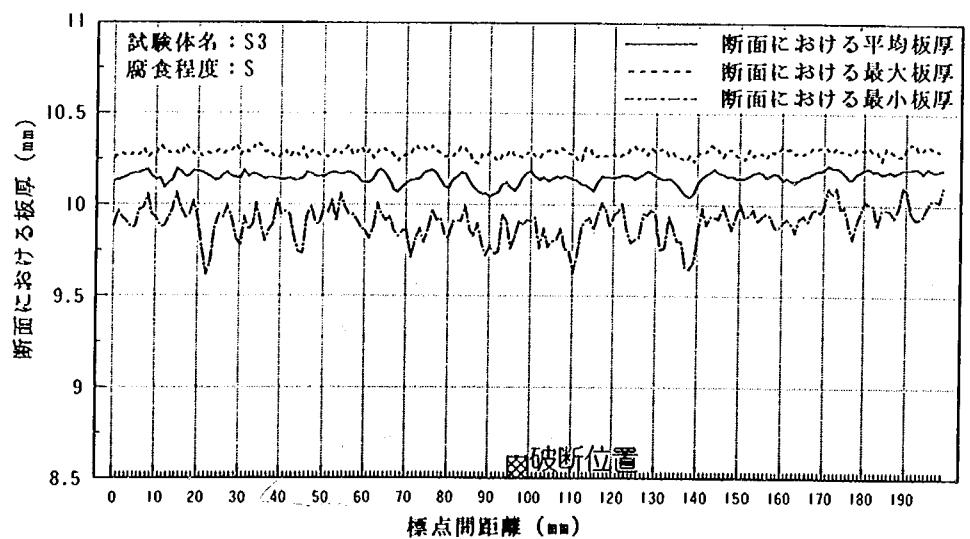
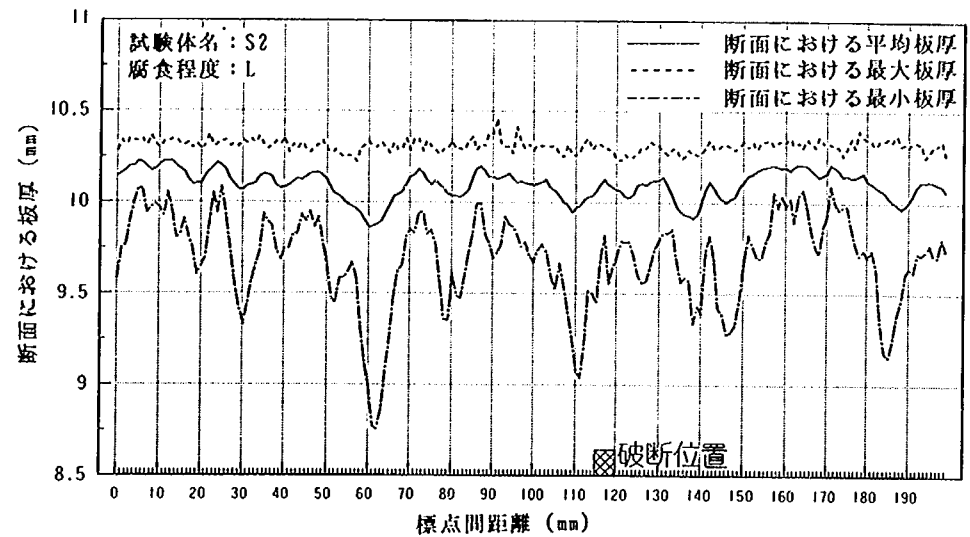
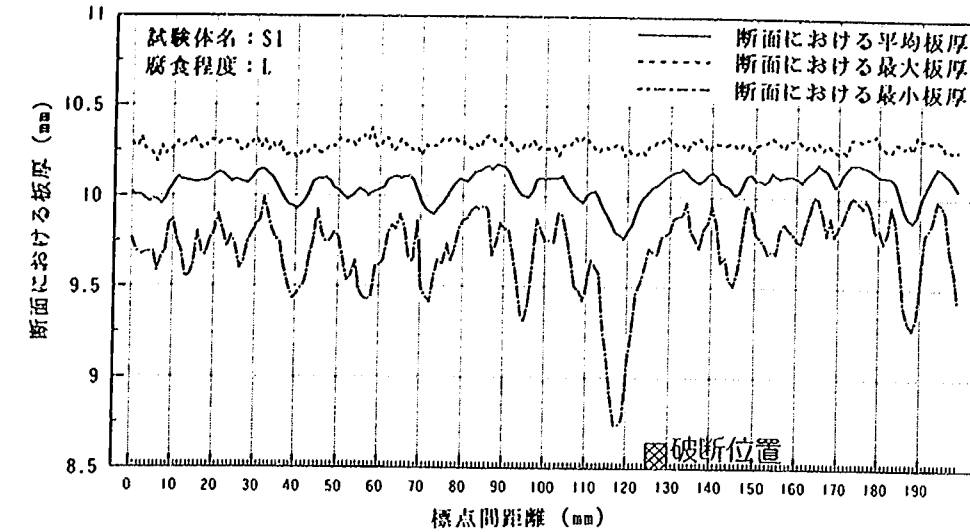


図-1.2.6(a) 板厚測定結果と破断位置の関係

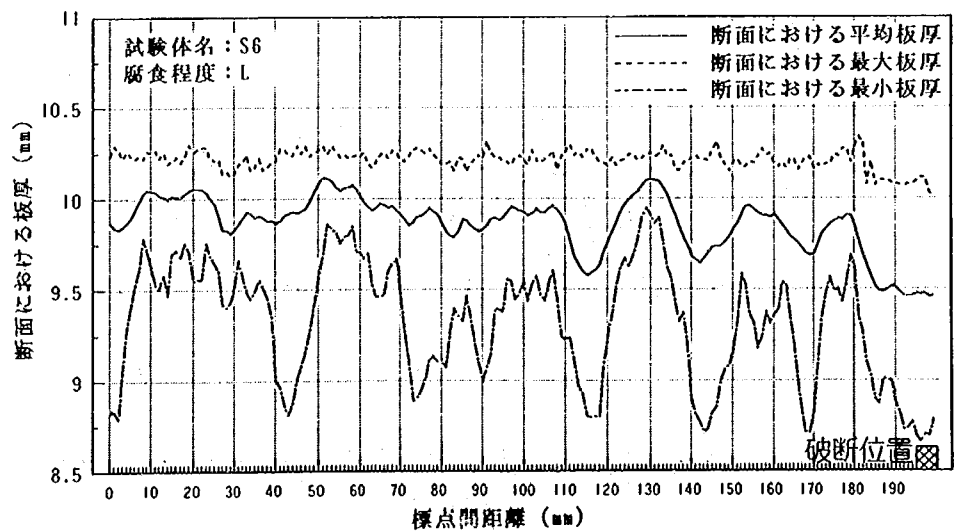
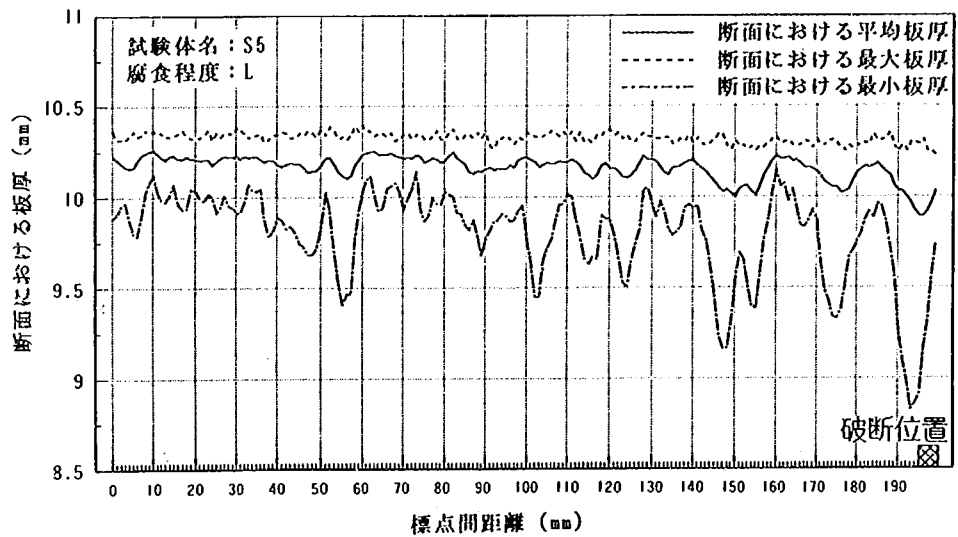
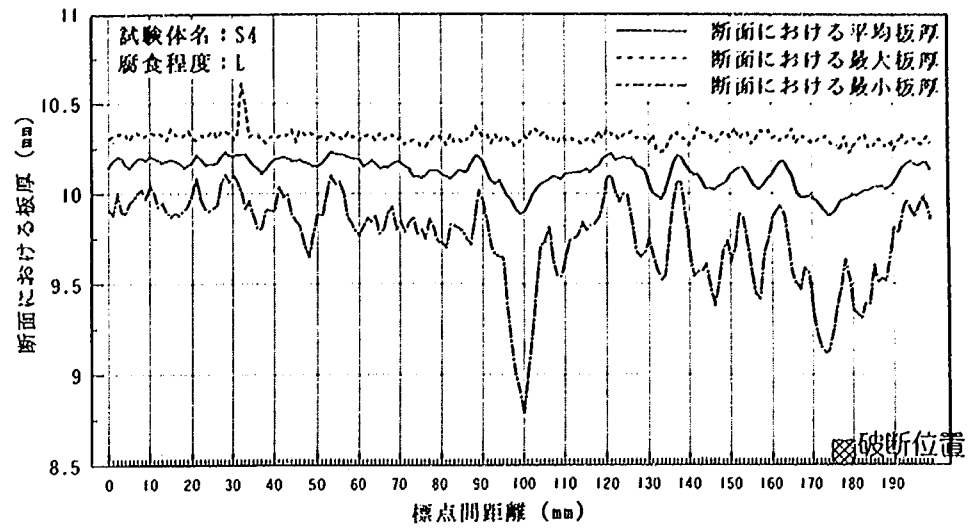


図-1.2.6 (b) 板厚測定結果と破断位置の関係

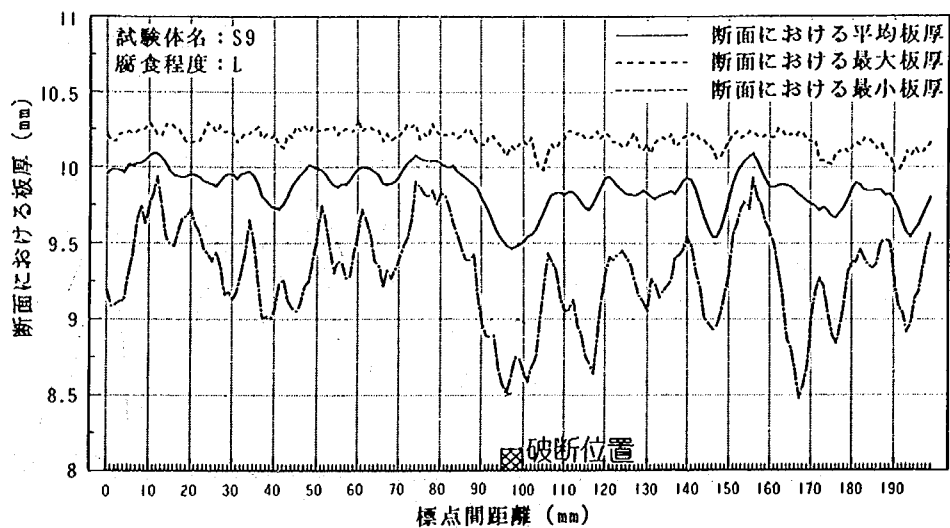
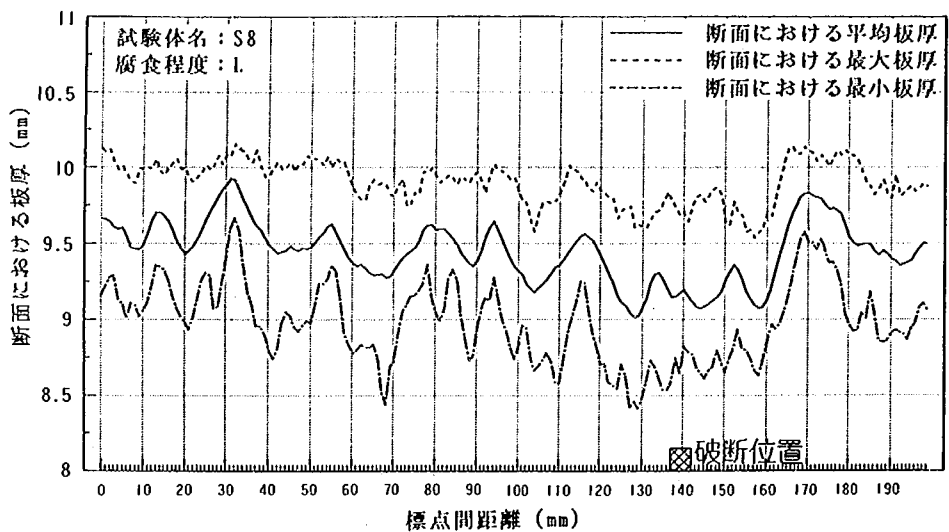
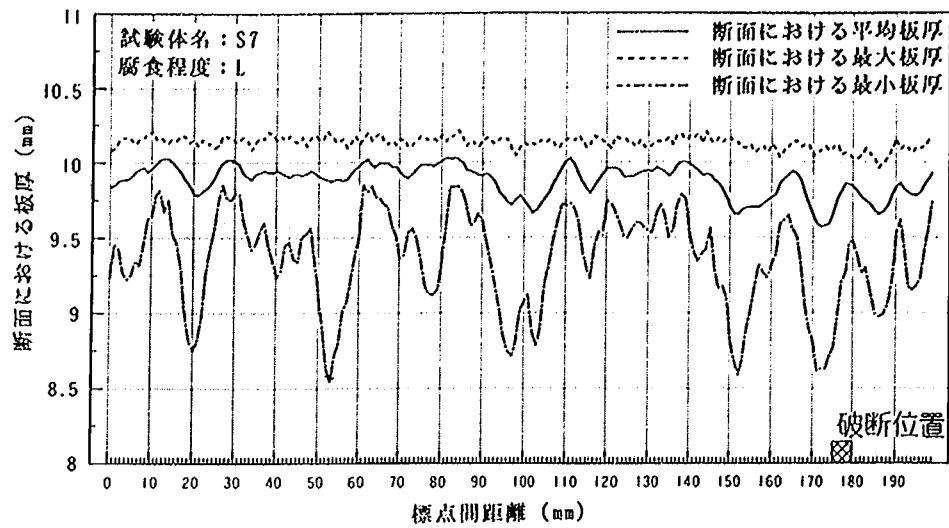


図-1.2.6(c) 板厚測定結果と破断位置の関係

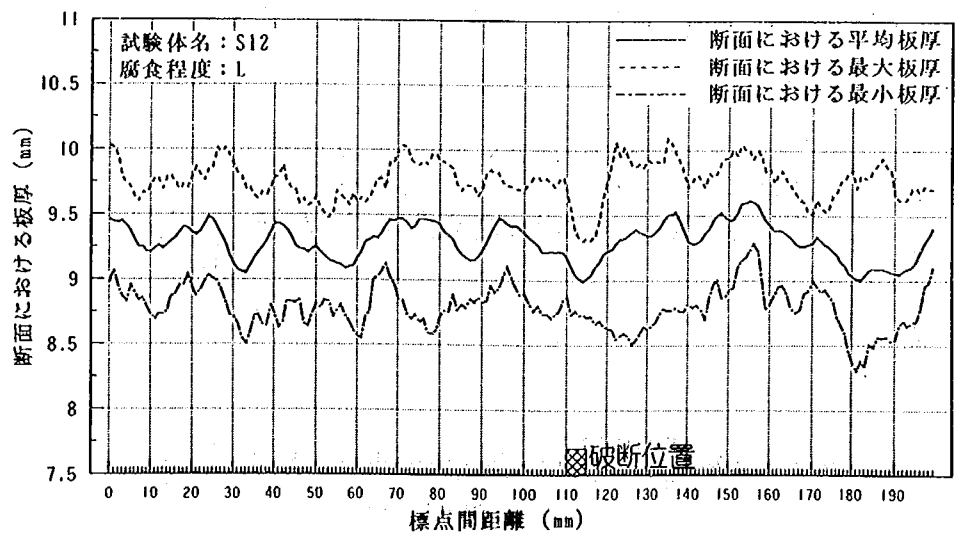
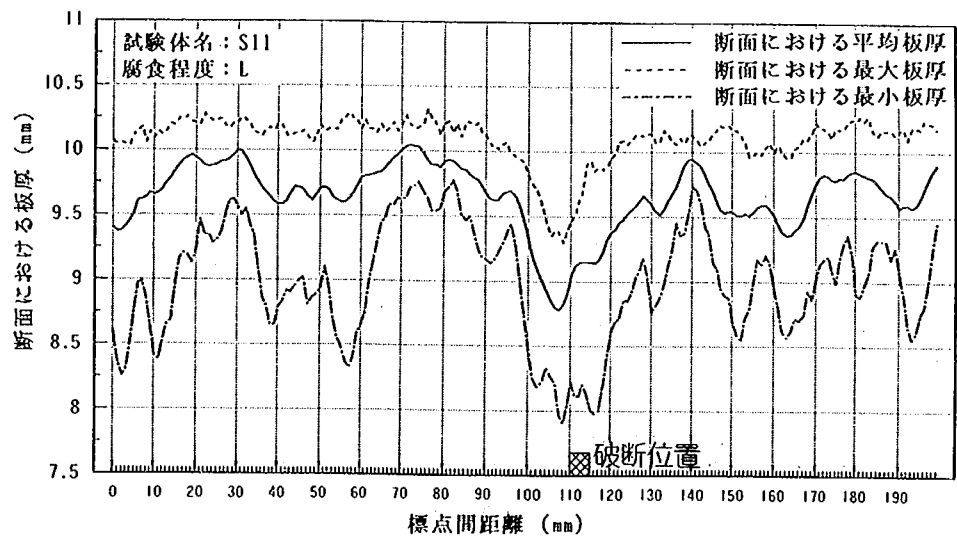
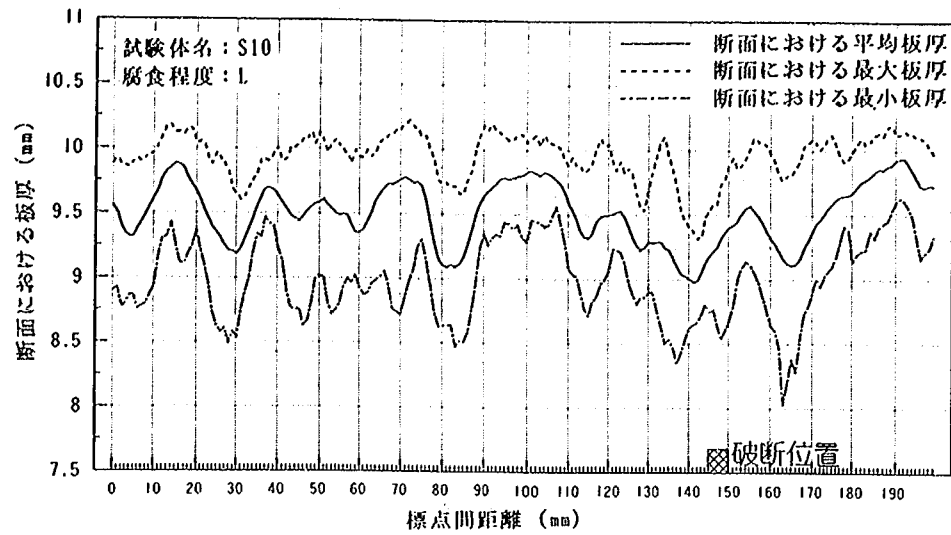


図-1.2.6 (d) 板厚測定結果と破断位置の関係

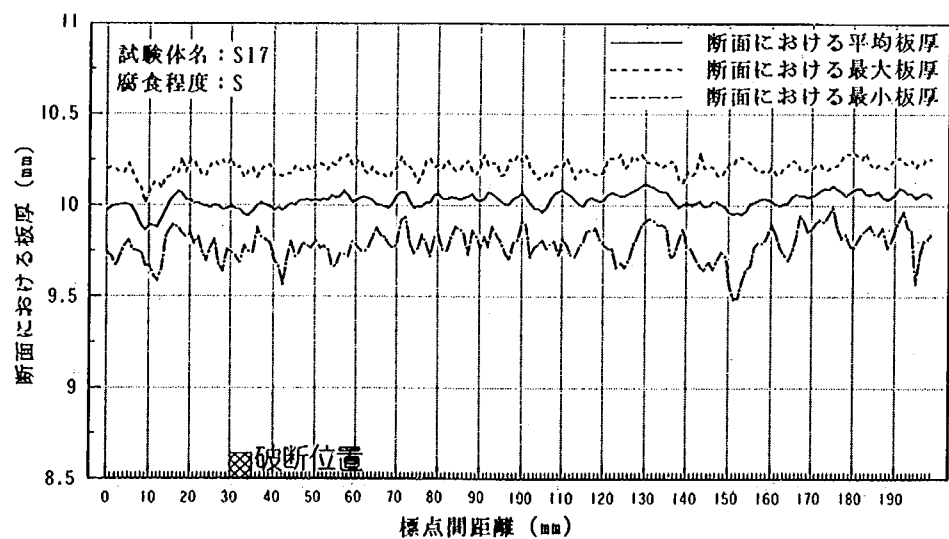
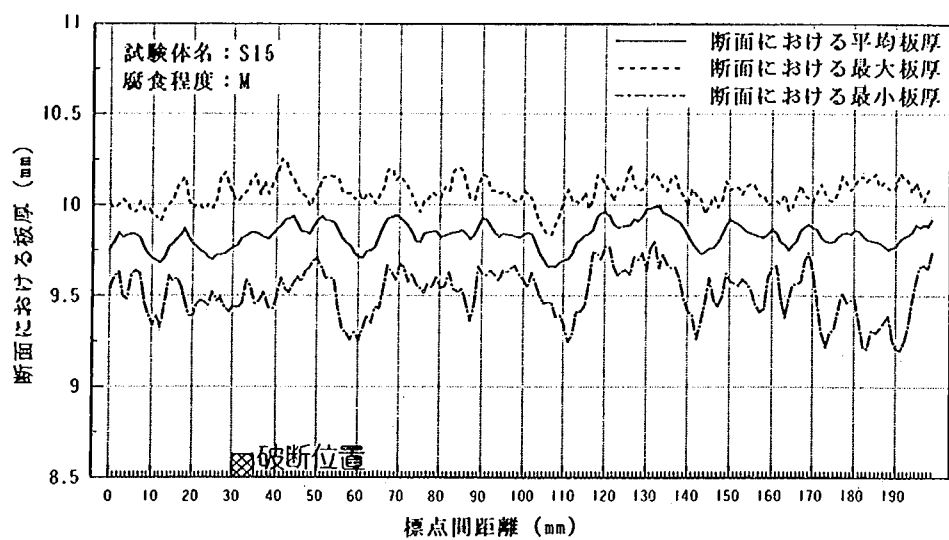
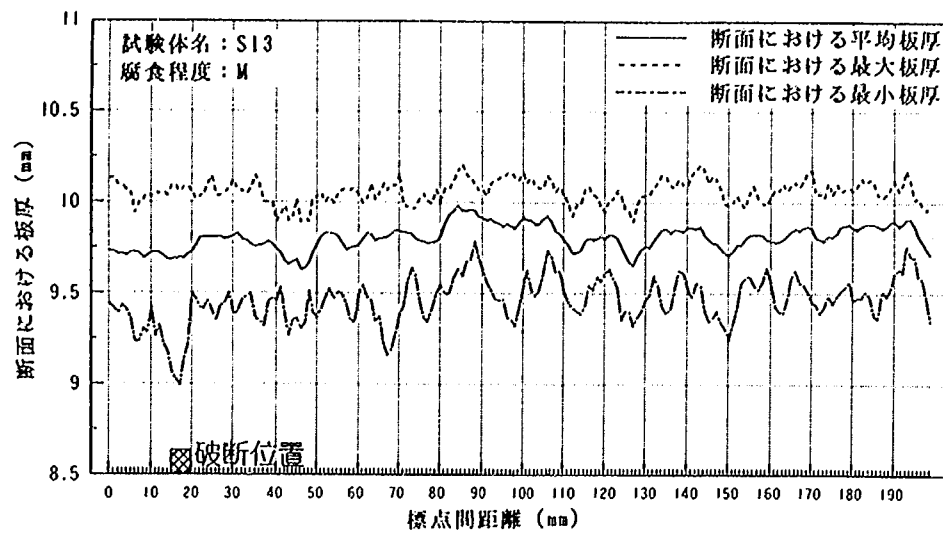


図-1.2.6(e) 板厚測定結果と破断位置の関係

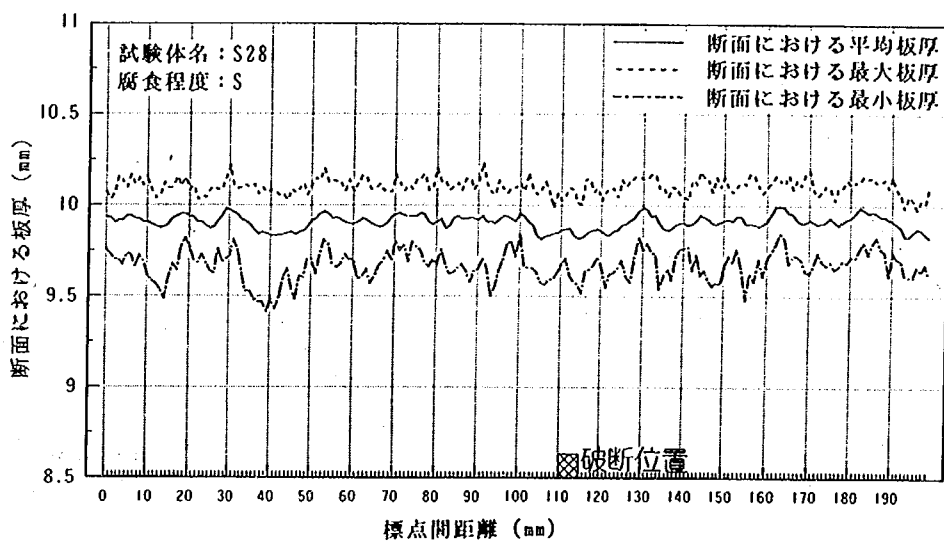
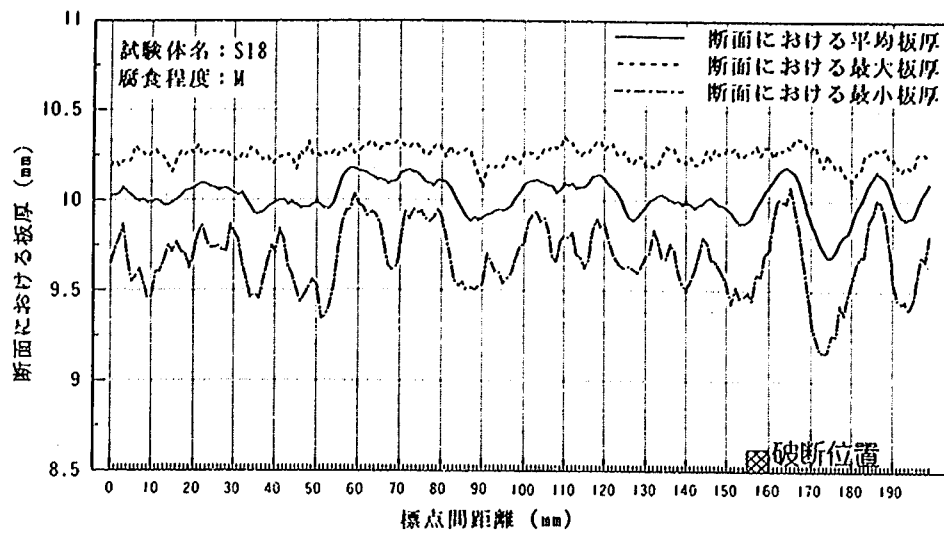


図-1.2.6(f) 板厚測定結果と破断位置の関係

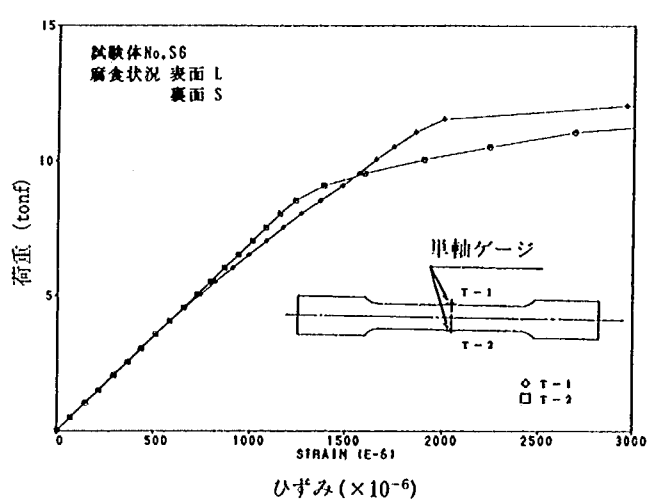
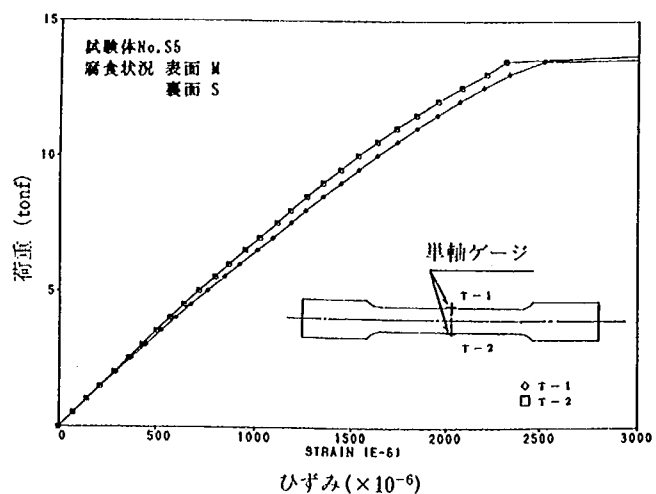
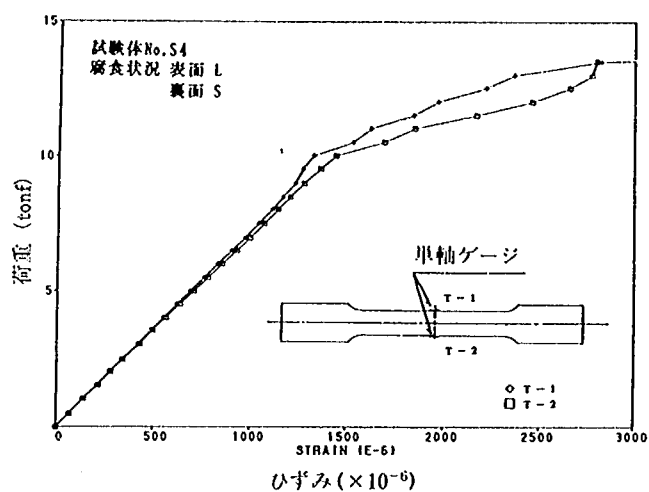
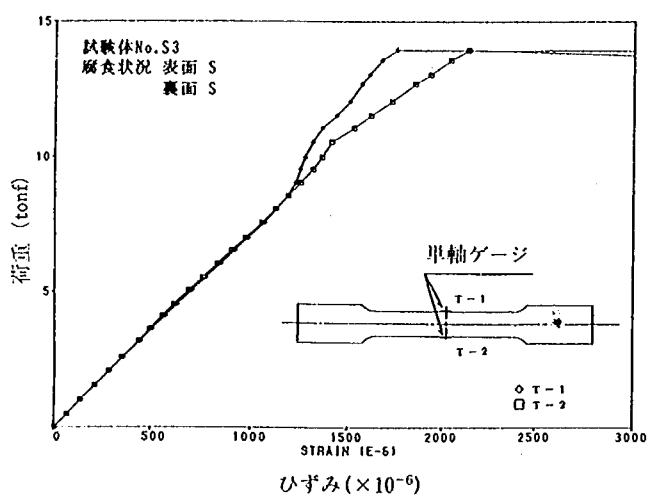
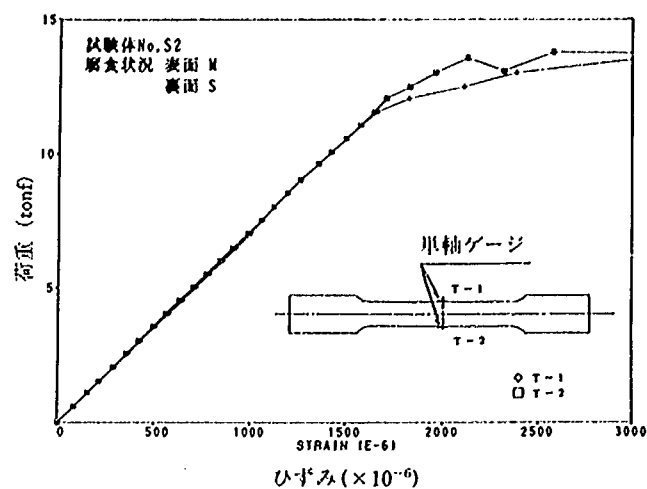
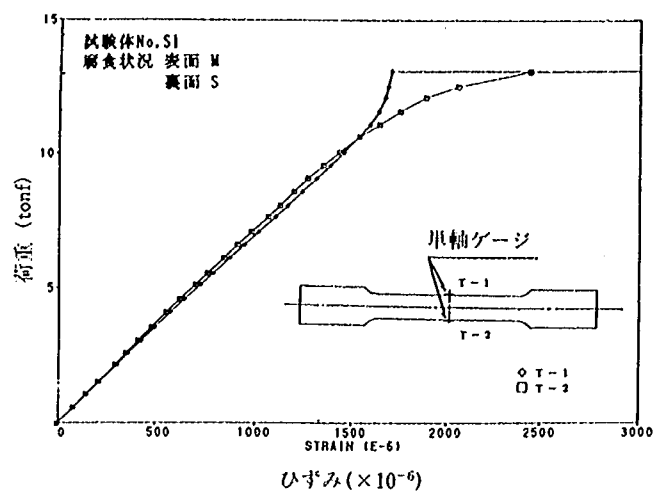


図-1.2.7(a) 板タイプ試験体の荷重-ひずみの関係

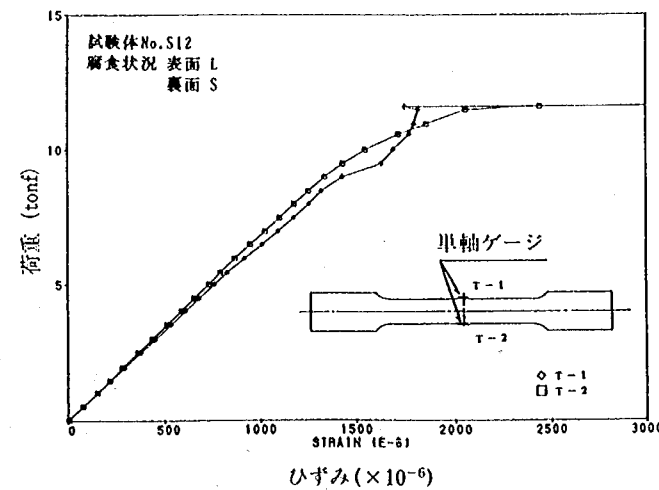
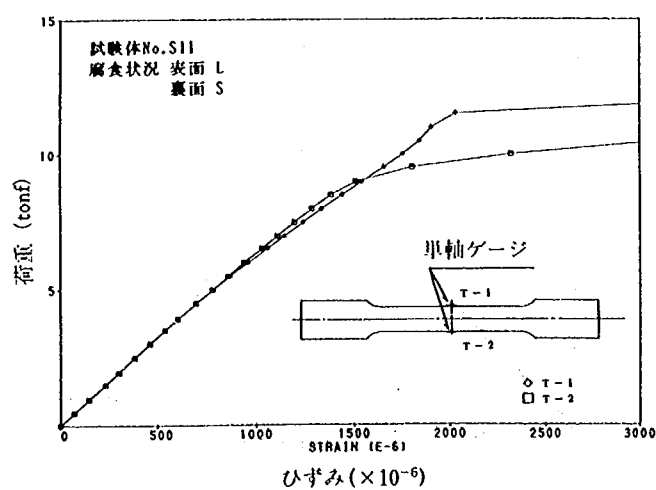
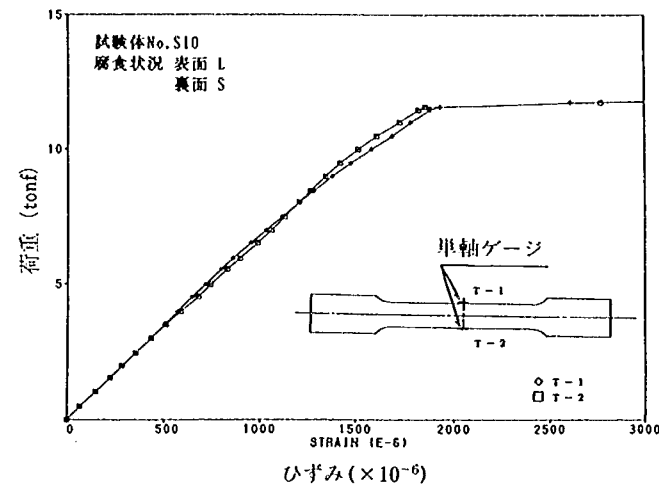
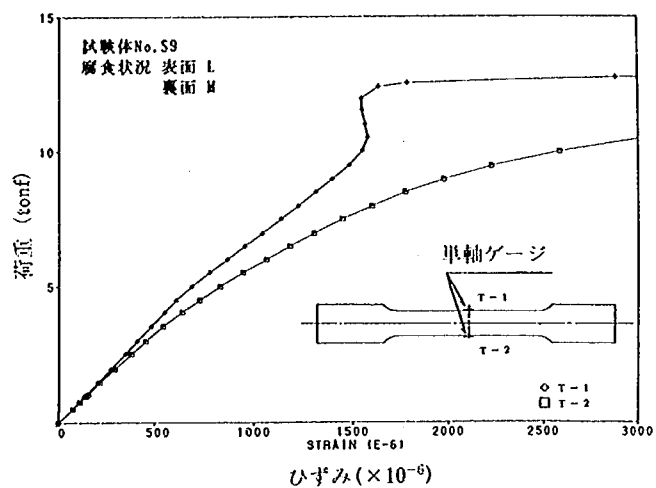
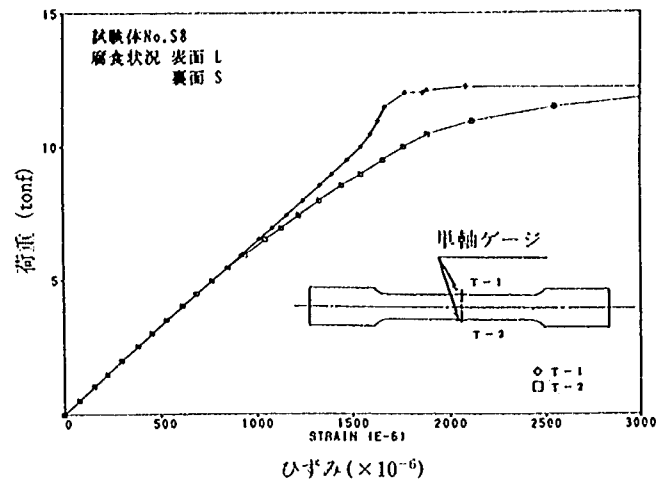
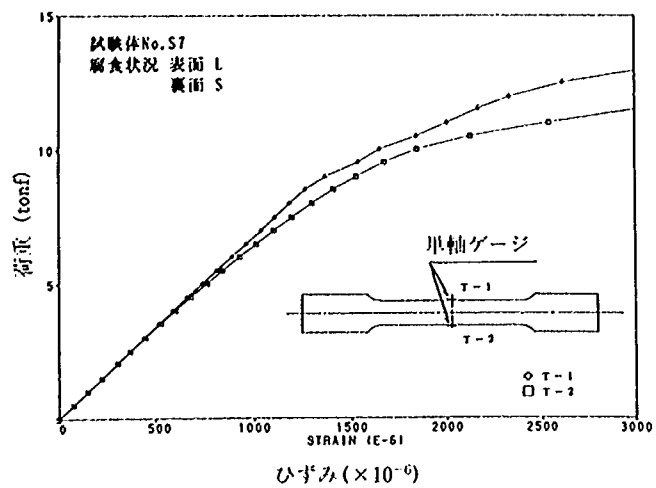


図-1.2.7(b) 板タイプ試験体の荷重-ひずみの関係

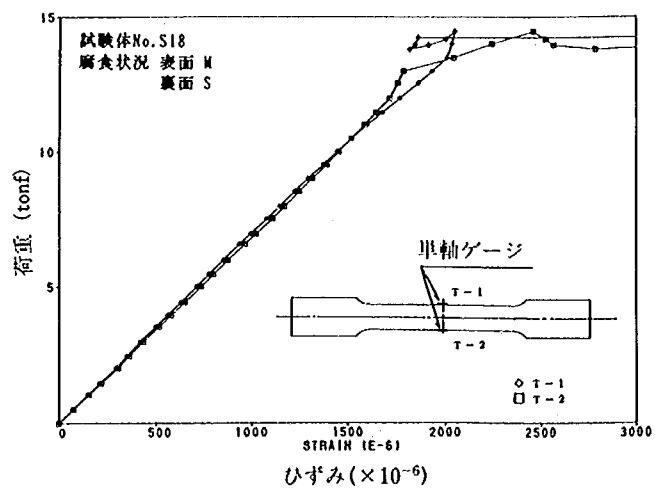
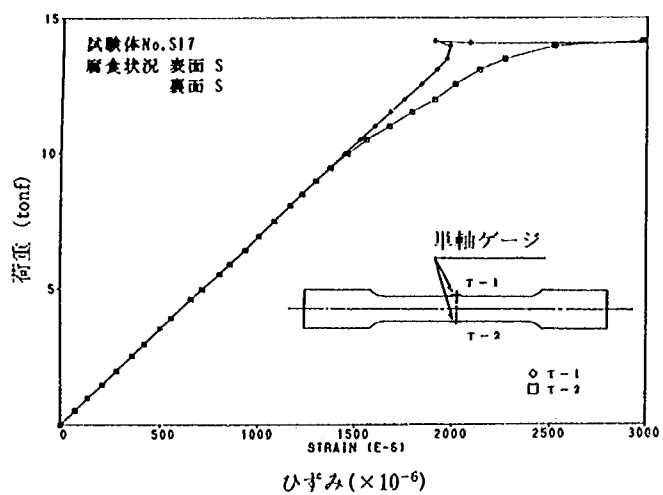
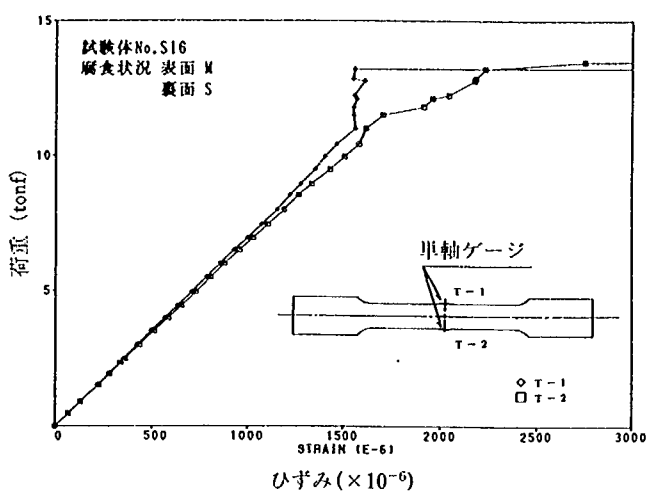
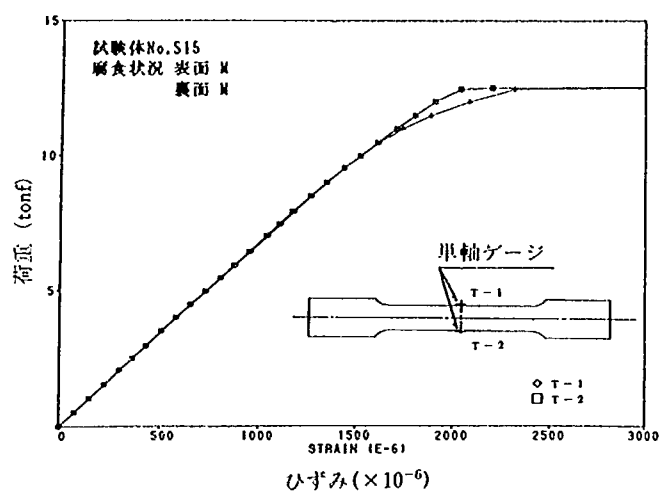
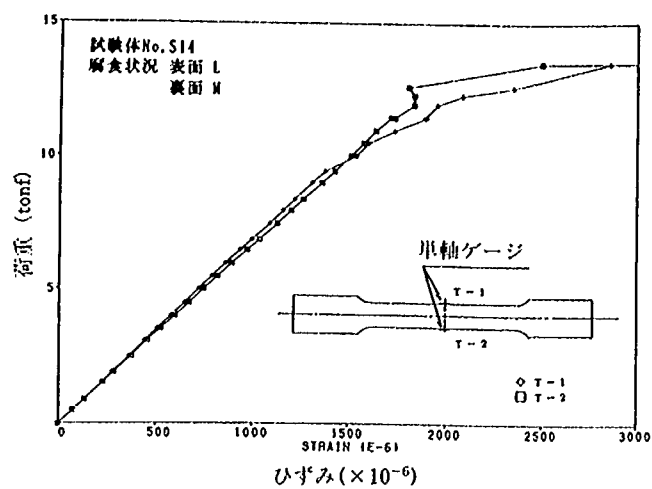
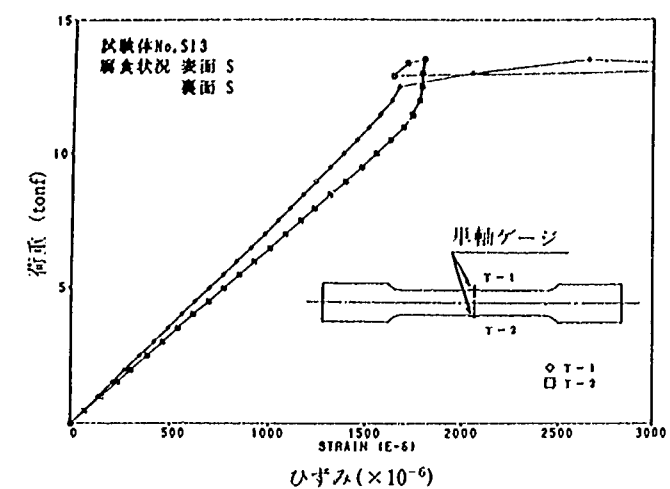


図-1.2.7(c) 板タイプ試験体の荷重-ひずみの関係

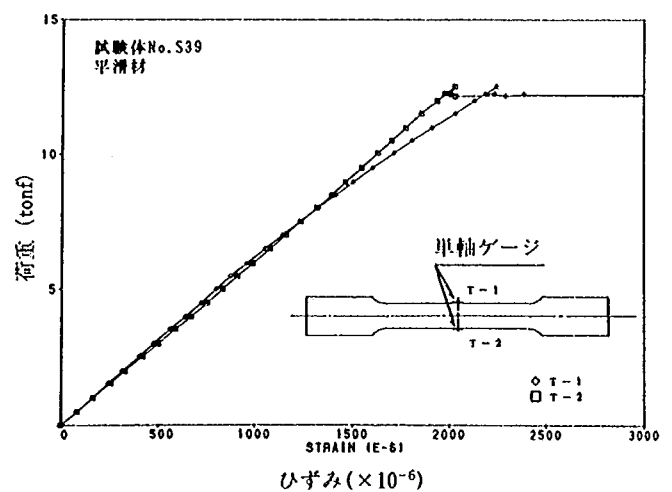
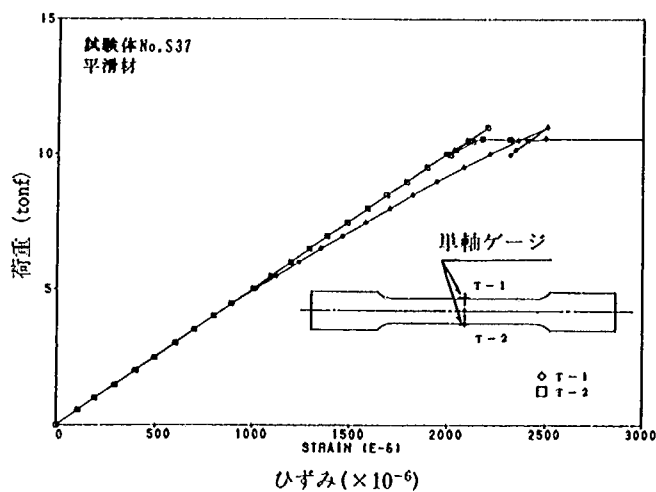
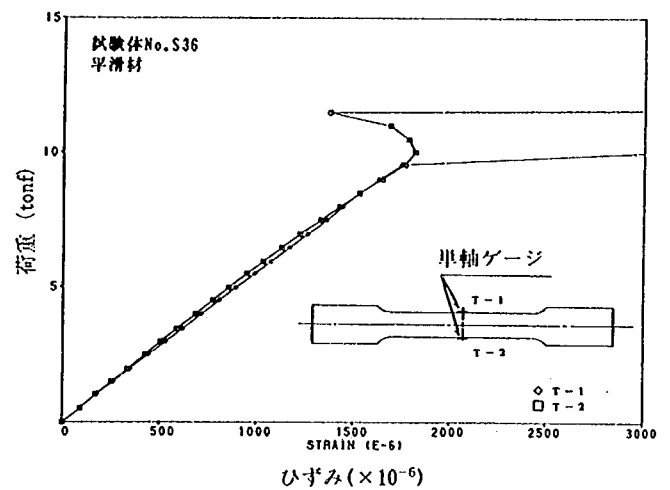
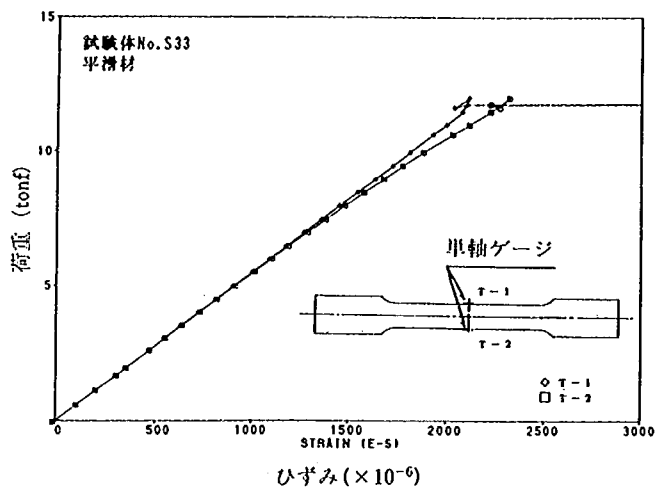
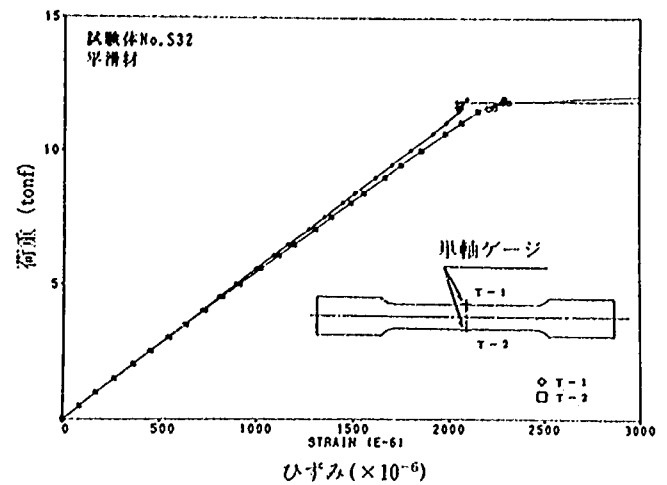
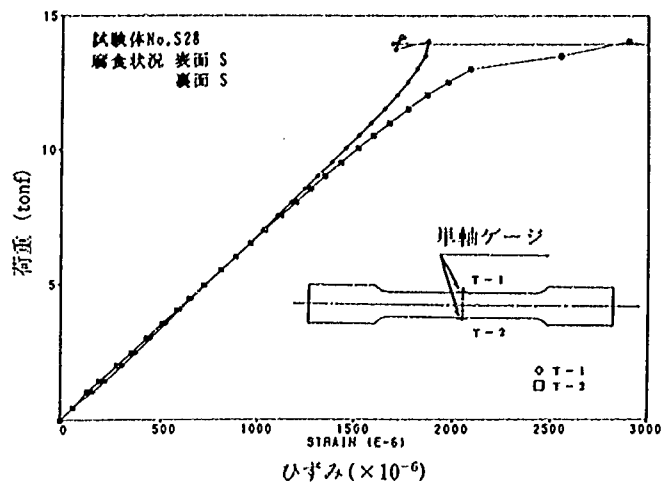


図-1.2.7(d) 板タイプ試験体の荷重-ひずみの関係

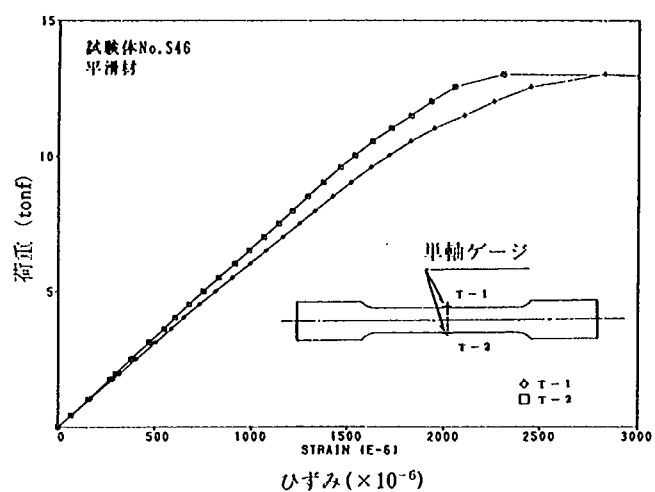
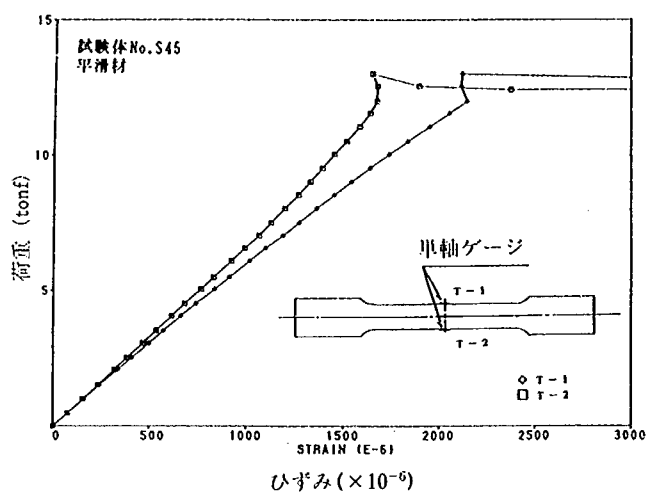
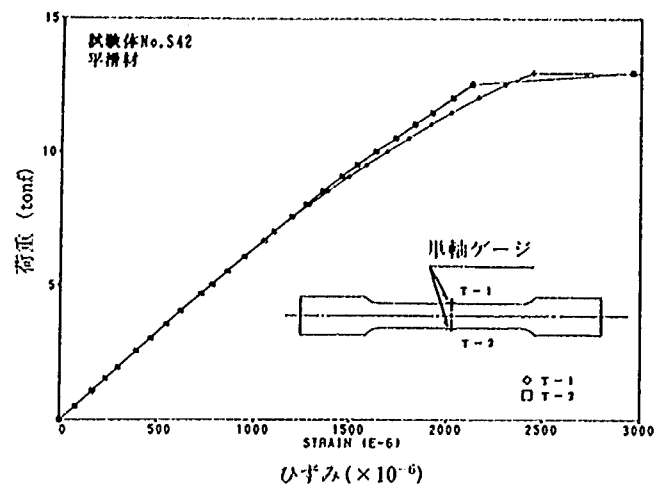
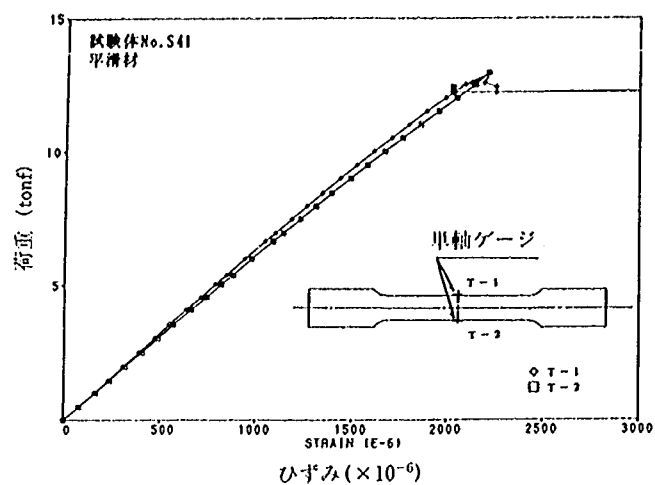
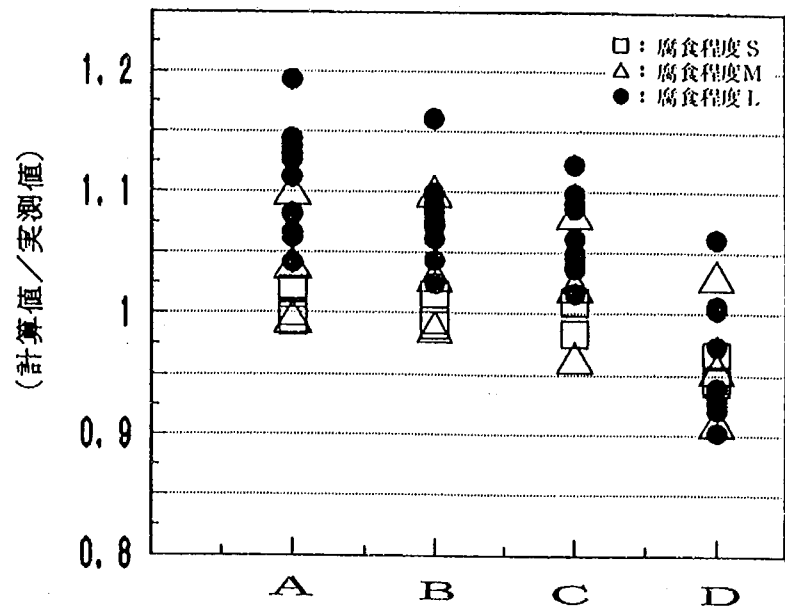
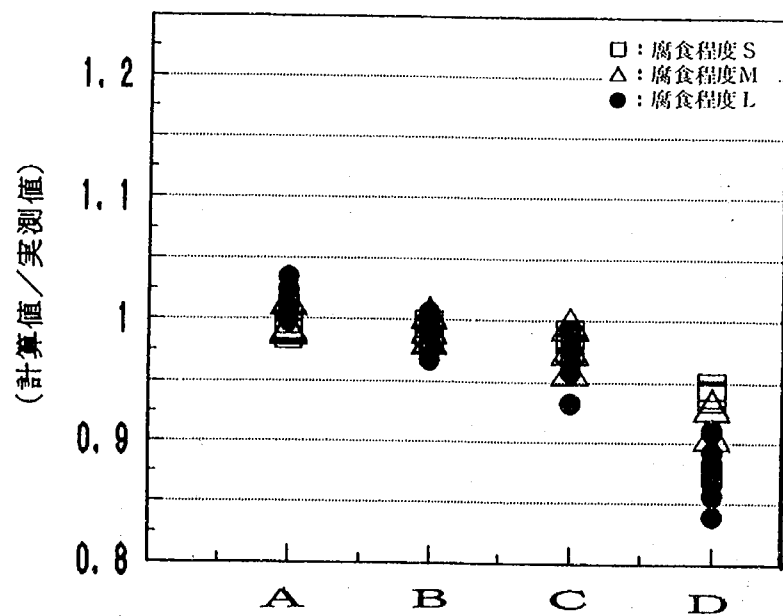


図-1.2.7(e) 板タイプ試験体の荷重-ひずみの関係

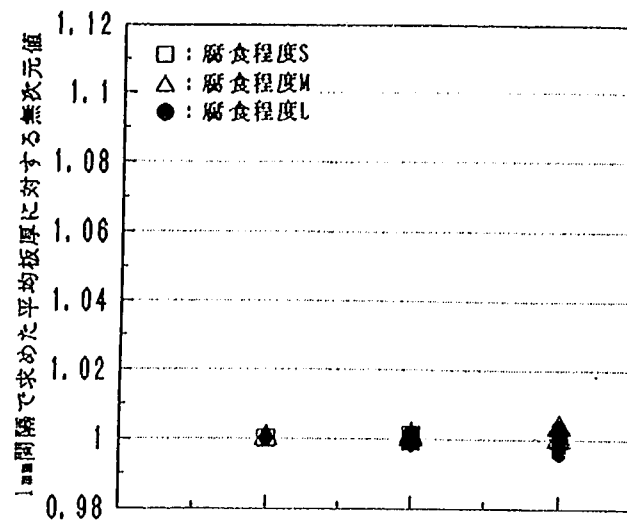


(a) 降伏荷重 (板厚測定値)

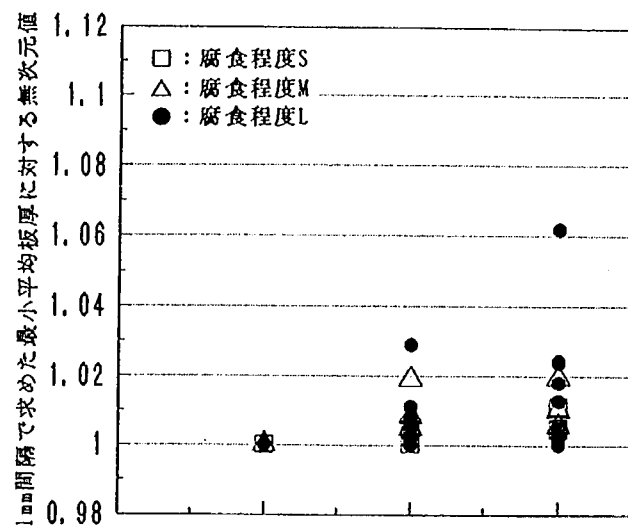


(b) 最大引張荷重 (板厚測定値)

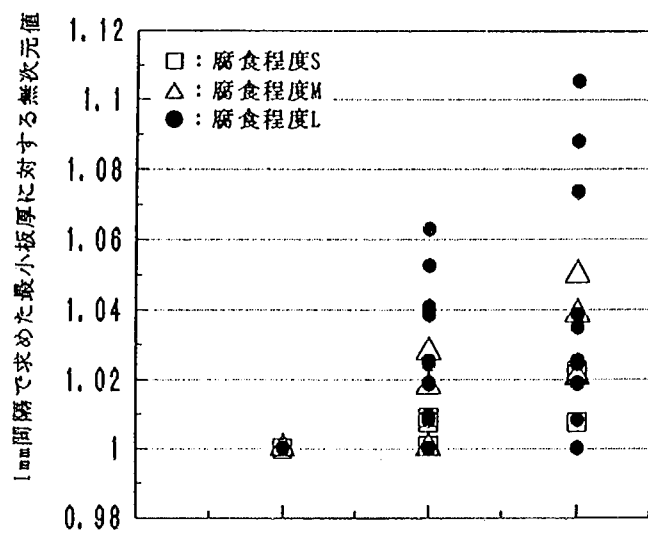
図-1.2.8 実測値と計算値の関係



(a) 平均板厚

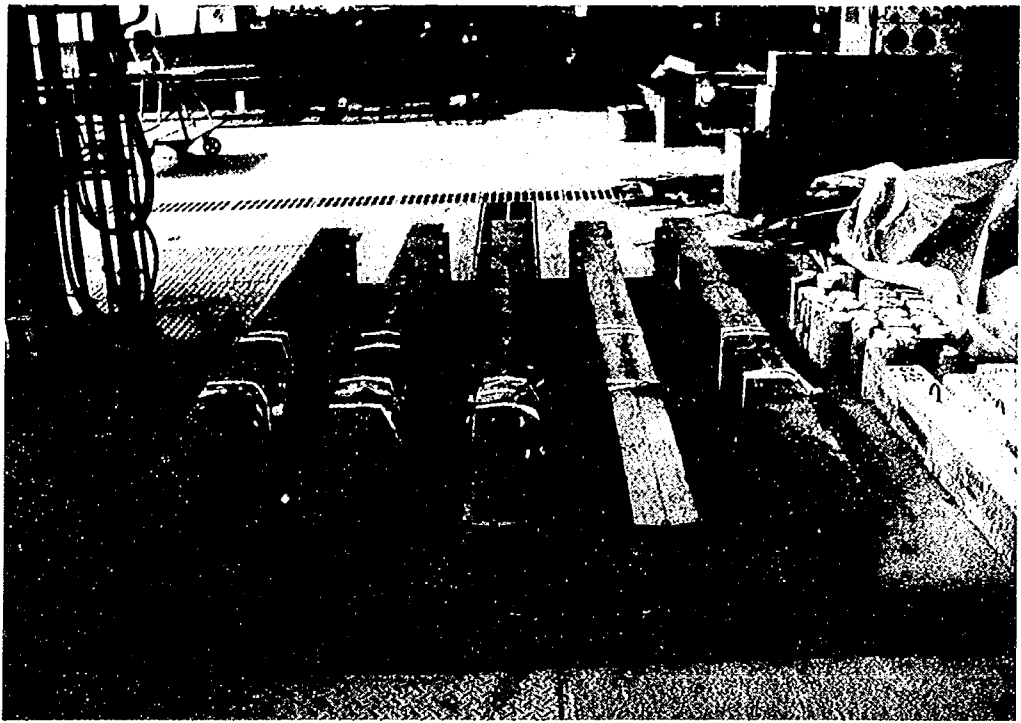


(b) 最小平均板厚

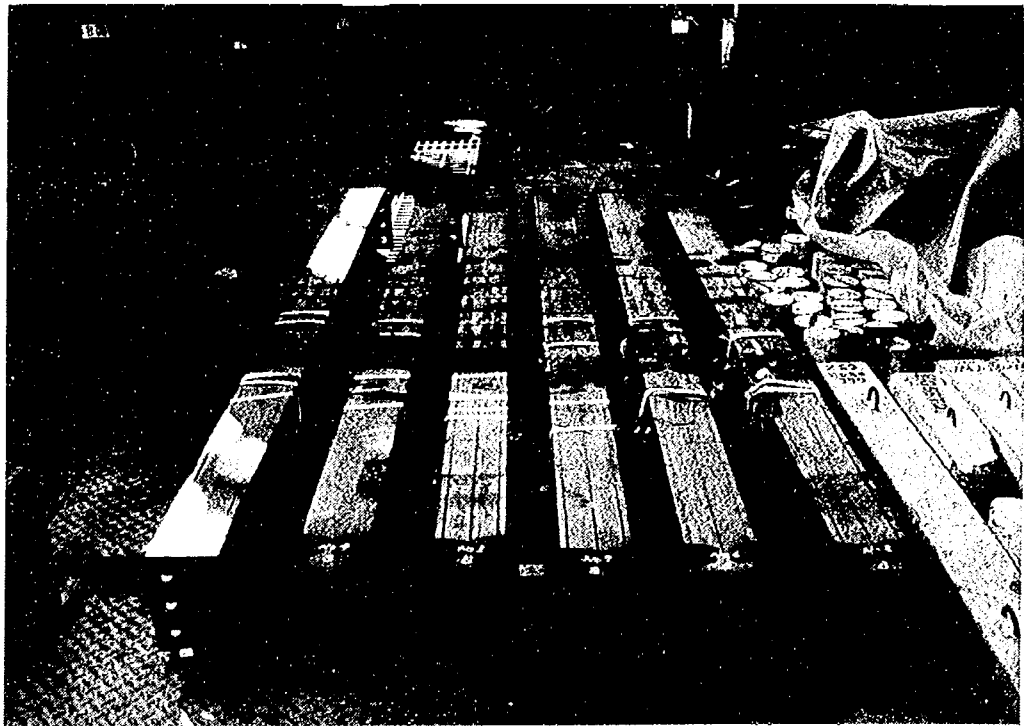


(c) 最小板厚

図-1.2.9 測定間隔と板厚測定値の関係



(a)上フランジ側（試験時には、上フランジ側を引張側とした）



(b)下フランジ側

写真-1.3.1 桁タイプ試験体の腐食状況



写真-1.3.2(a) 上フランジ腐食状況（試験体No.1）

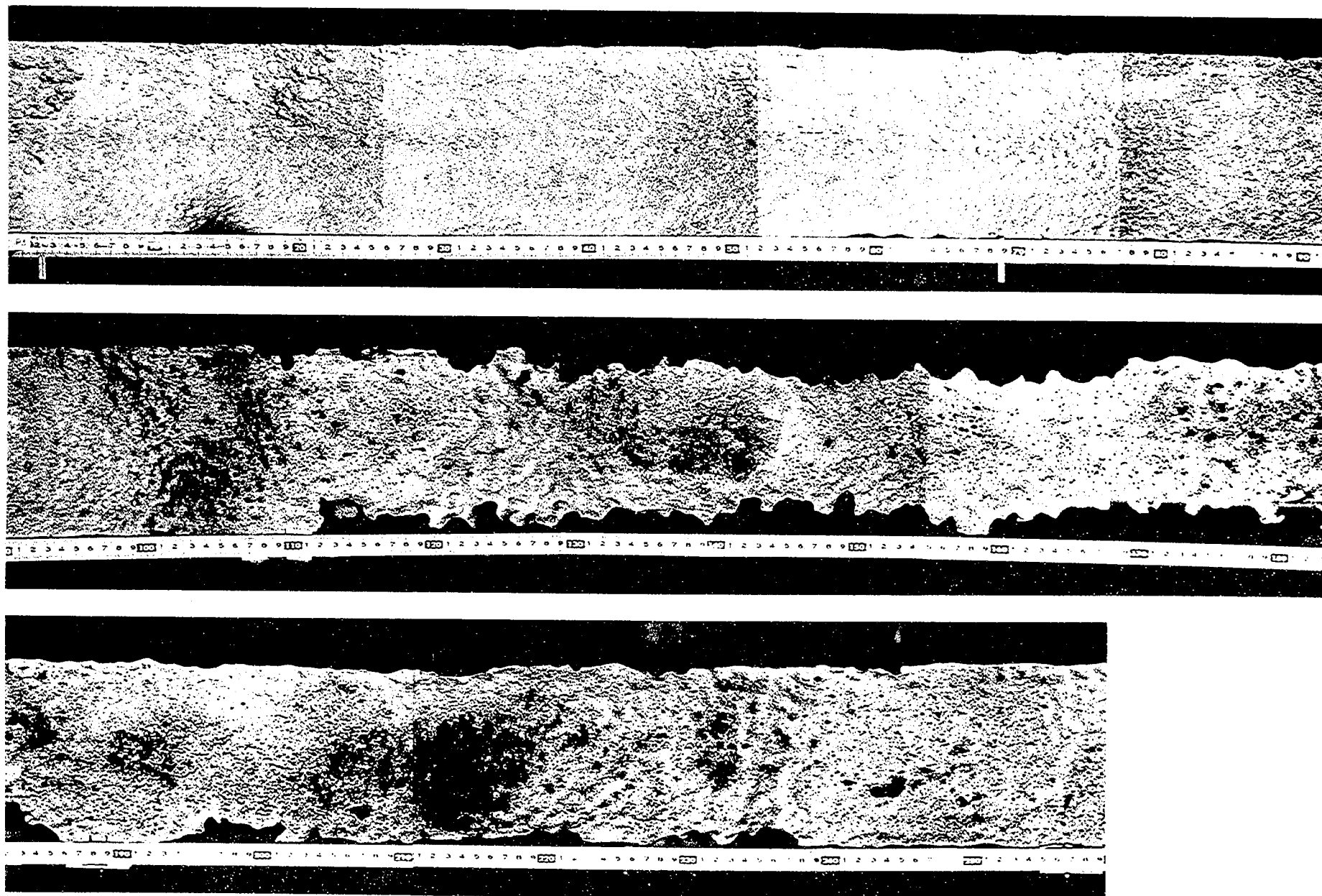


写真-1.3.2(b) 上フランジ腐食状況（試験体No.3）

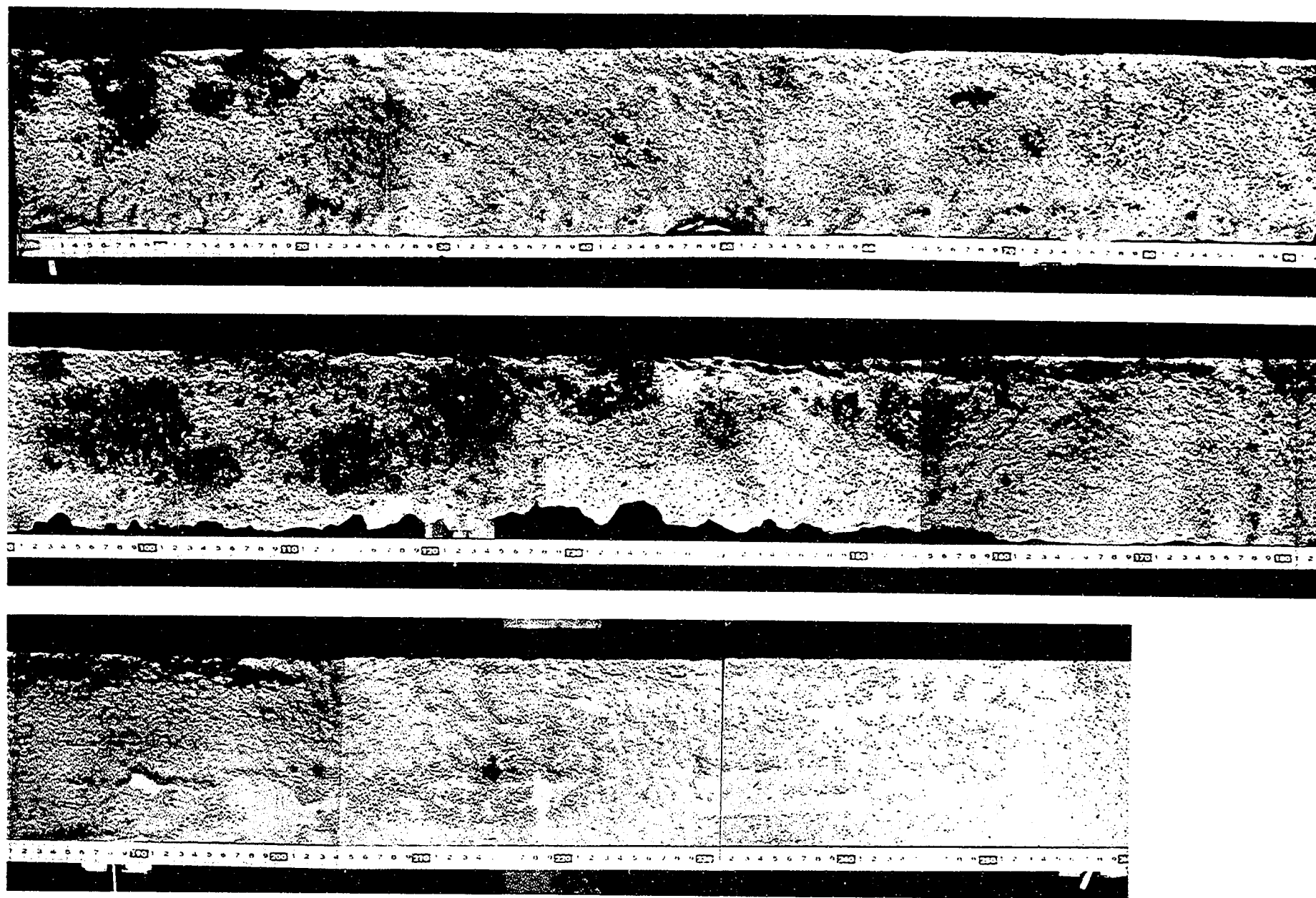


写真-1.3.2(c) 上フランジ腐食状況（試験体No.4）



写真-1.3.2(d) 上フランジ腐食状況 (試験体No.5)



写真-1.3.2(e) 下フランジ腐食状況（試験体No. 6）



写真-1.3.2(f) 下フランジ腐食状況（試験体No.7）

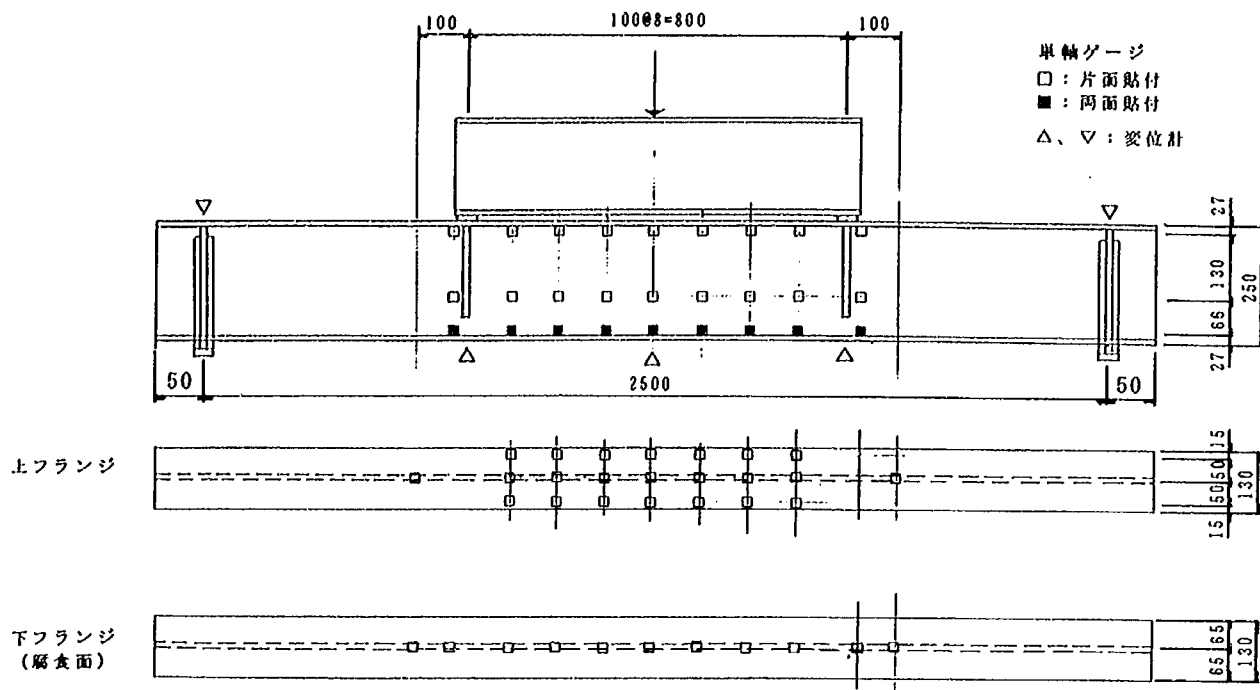
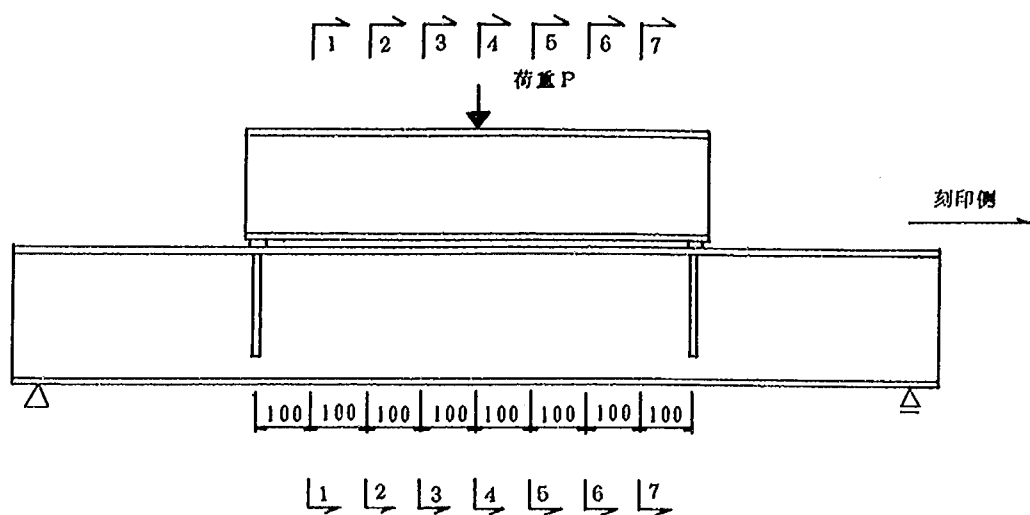


図-1.3.1 桁タイプ試験体の寸法形状、ひずみゲージおよび変位測定位置

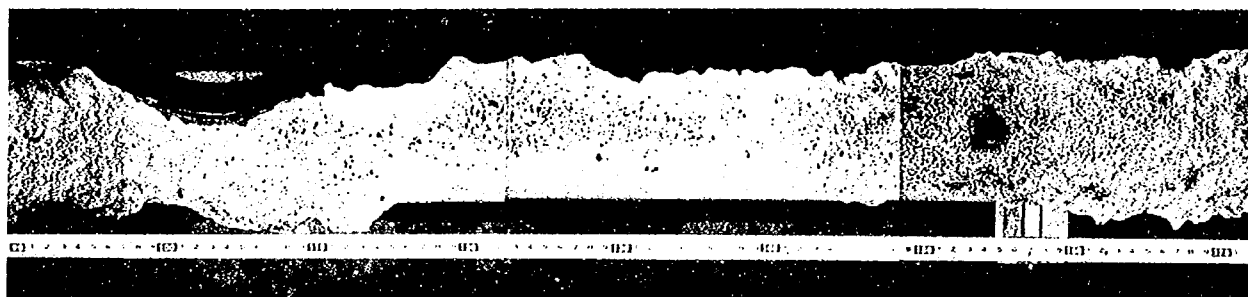
表-1.3.1 桁タイプ試験体の材料試験結果

| 試験体<br>No. | 採取位置  | 降伏荷重<br>(tf) | 降伏時変位<br>(mm) | 降伏強度<br>(kgf/cm <sup>2</sup> ) | 最大荷重<br>(tf) | 引張強度<br>(kgf/cm <sup>2</sup> ) | 断面積<br>(mm <sup>2</sup> ) |
|------------|-------|--------------|---------------|--------------------------------|--------------|--------------------------------|---------------------------|
| L1         | 下フランジ | 7.53         | 0.42          | 2032                           | 10.96        | 2957                           | 370.61                    |
| L2         |       | 7.38         | 0.52          | 1999                           | 11.29        | 3058                           | 369.21                    |
| U1         | 上フランジ | 7.31         | 0.43          | 1951                           | 10.85        | 2897                           | 374.59                    |
| U2         |       | 7.82         | 0.56          | 2084                           | 11.54        | 3076                           | 375.17                    |
| WL1        | ウェブ   | 7.86         | 0.47          | 2060                           | 12.63        | 3310                           | 381.52                    |
| WL2        |       | 8.71         | 0.62          | 2286                           | 12.94        | 3396                           | 381.05                    |
| WU1        |       | 9.00         | 0.57          | 2362                           | 12.45        | 3267                           | 381.05                    |
| WU2        |       | 8.82         | 0.66          | 2318                           | 13.04        | 3426                           | 380.57                    |
| 平均値        |       |              |               | 2136                           |              |                                |                           |

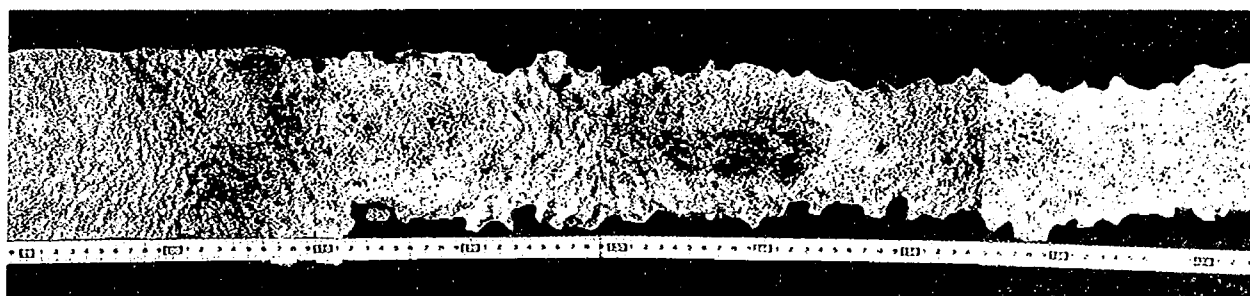
※降伏荷重は上降伏荷重としている



試験体No. 1



試験体No. 3



試験体No. 4

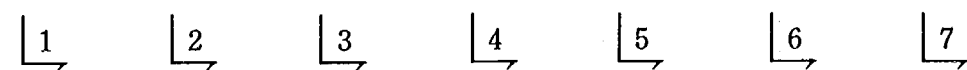
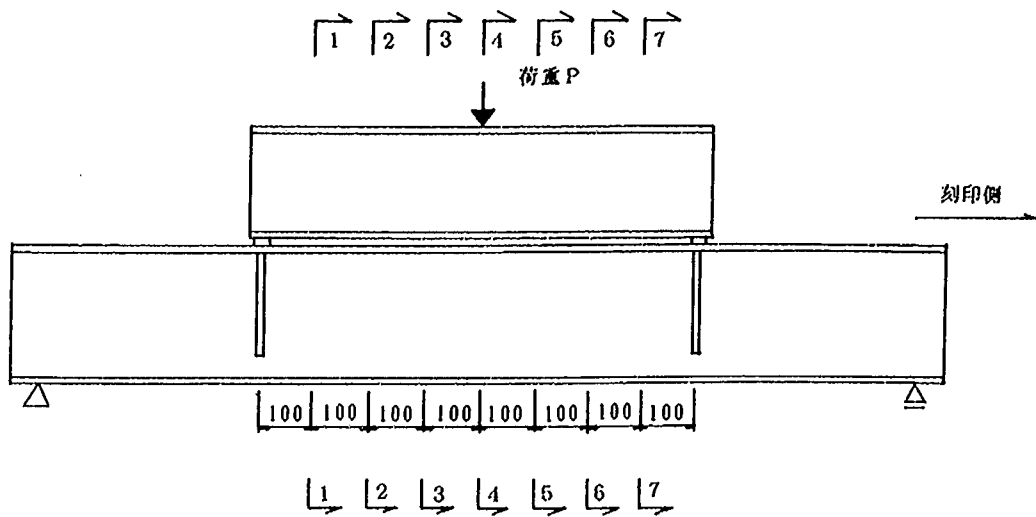
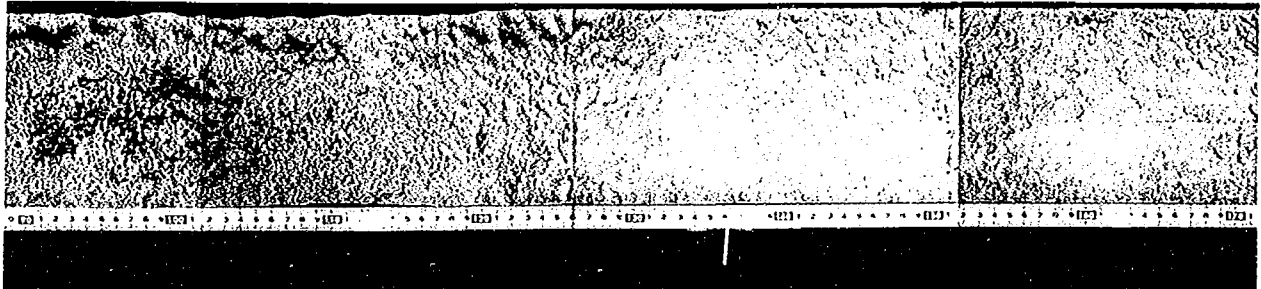


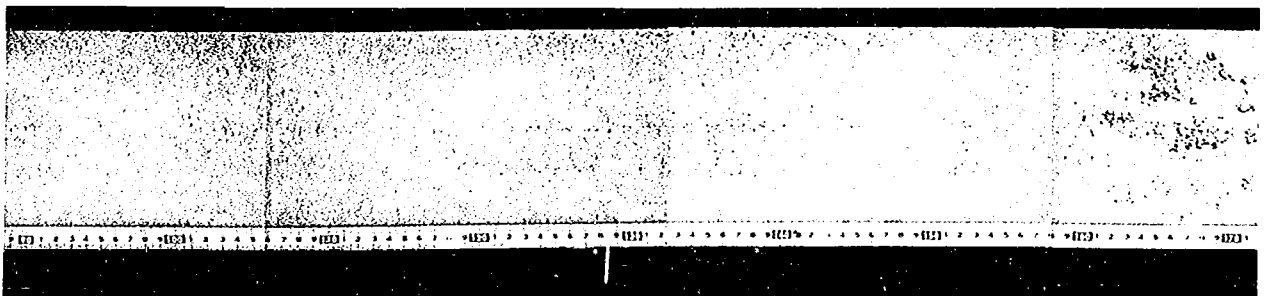
写真-1.3.3(a) 桁タイプ試験体の等曲げ区間の引張りフランジの腐食状況



試験体No. 5



試験体No. 6



試験体No. 7

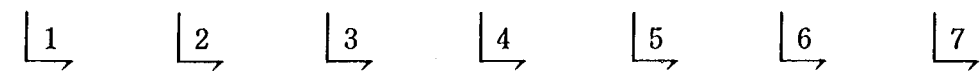
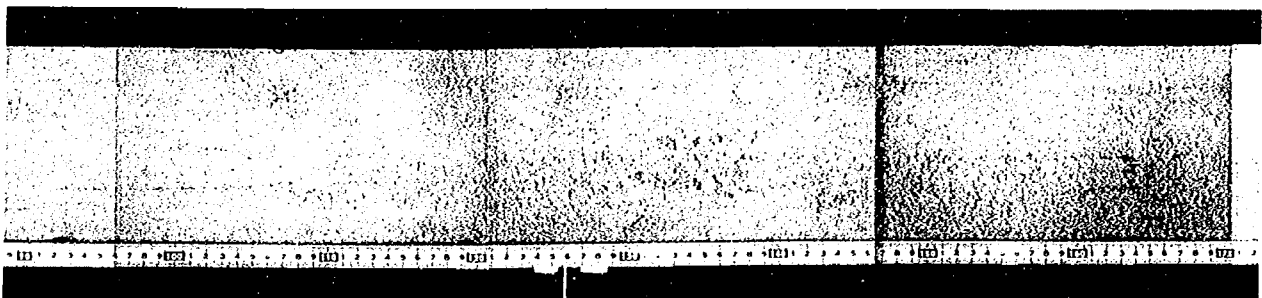


写真-1.3.3(b) 桁タイプ試験体の等曲げ区間の引張りフランジの腐食状況

長方形断面への置き換え

$$\text{断面積 } S = \sum a_i \times t_i$$

$a_i$  : フランジ端部を除き 5 mm

$$\text{平均板厚 } t = \frac{S}{L_3}$$

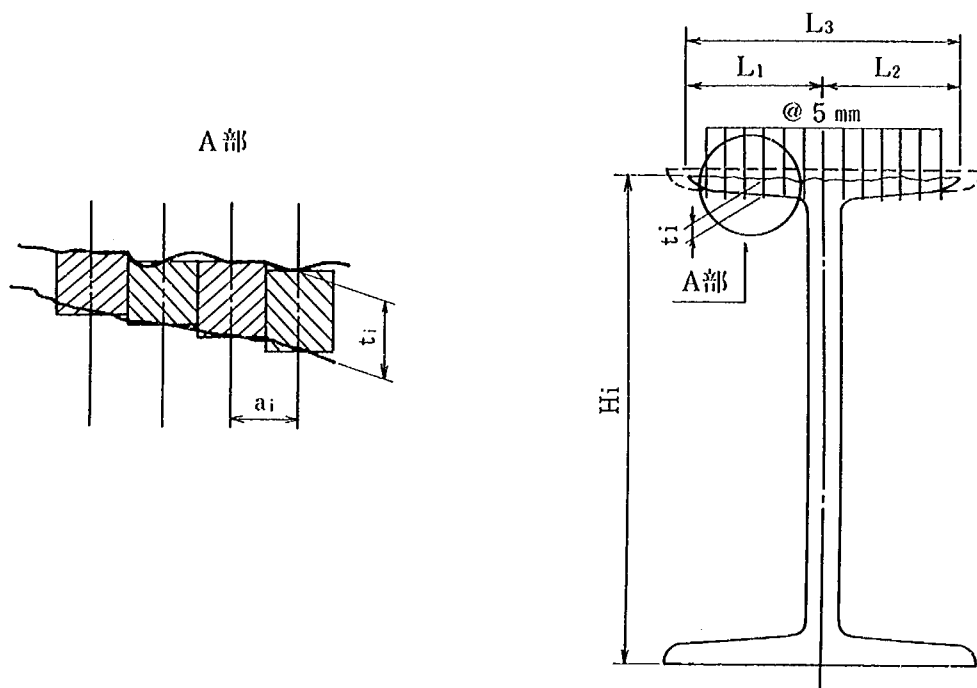


図-1.3.2 断面欠損したフランジ部の板厚測定方法

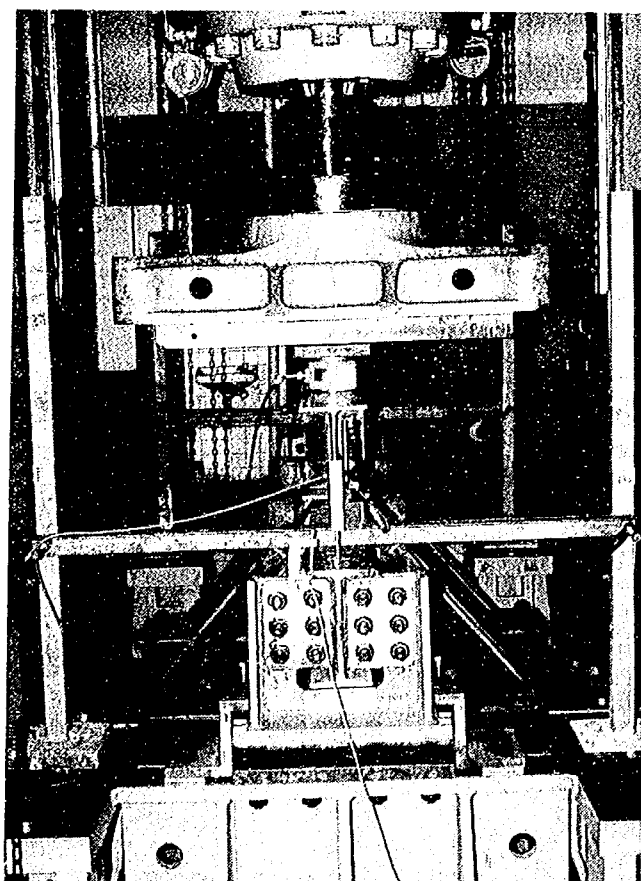
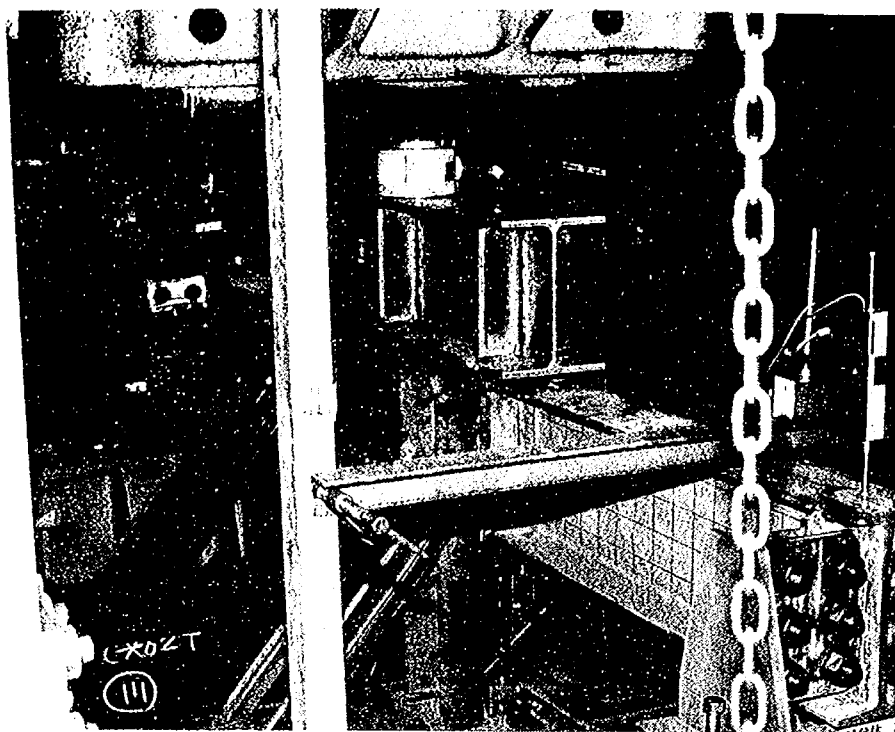
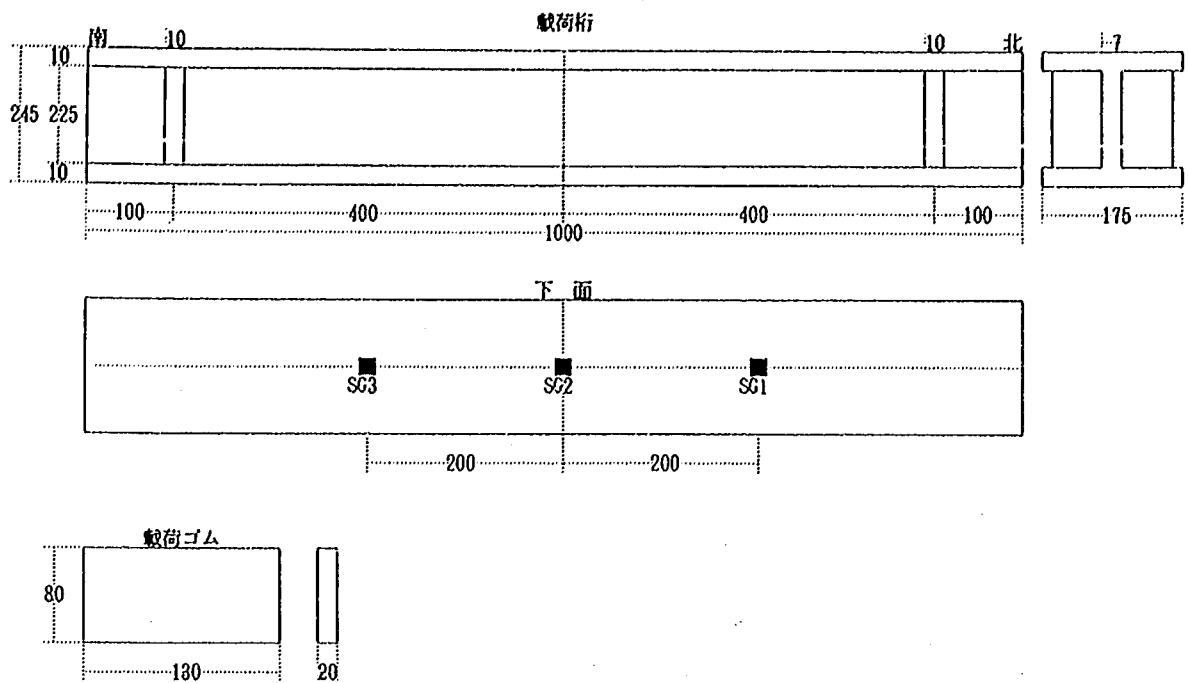
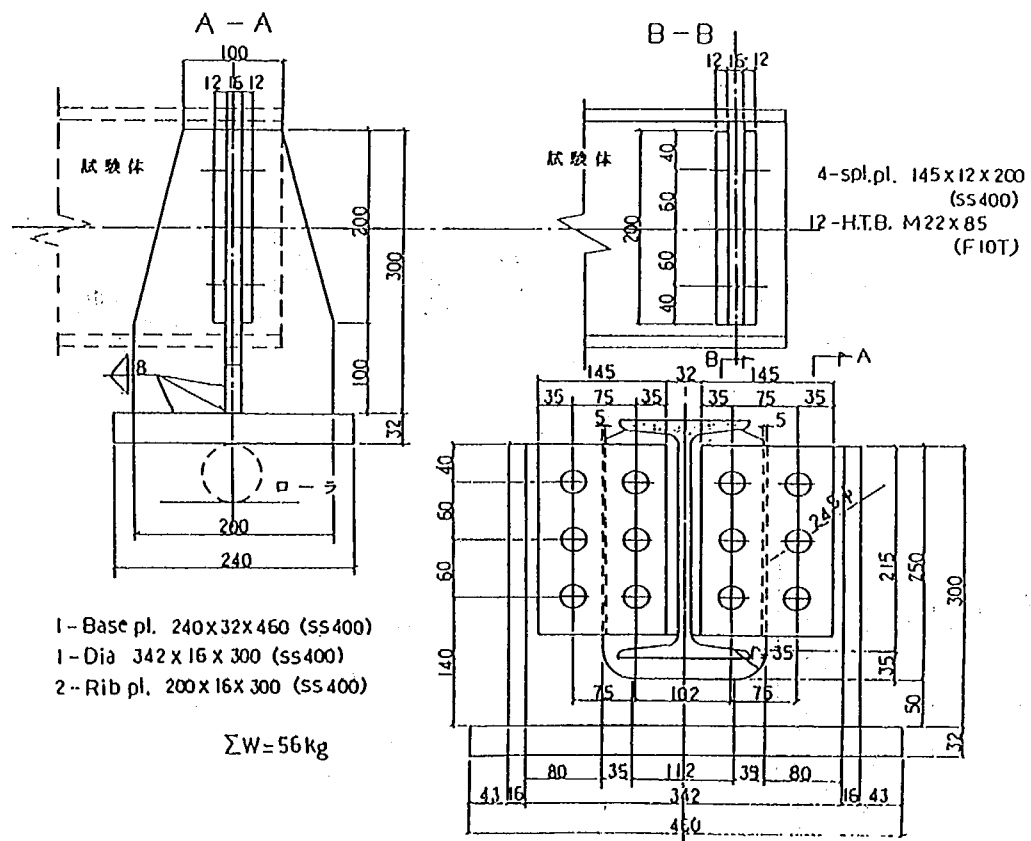


写真-1.3.4 桁タイプ試験体の曲げ試験の状況



\* 載荷ゴムは試験体により2枚使用した。

図-1.3.3 載荷ばりの寸法形状



### 縦桁試験体の支承構造

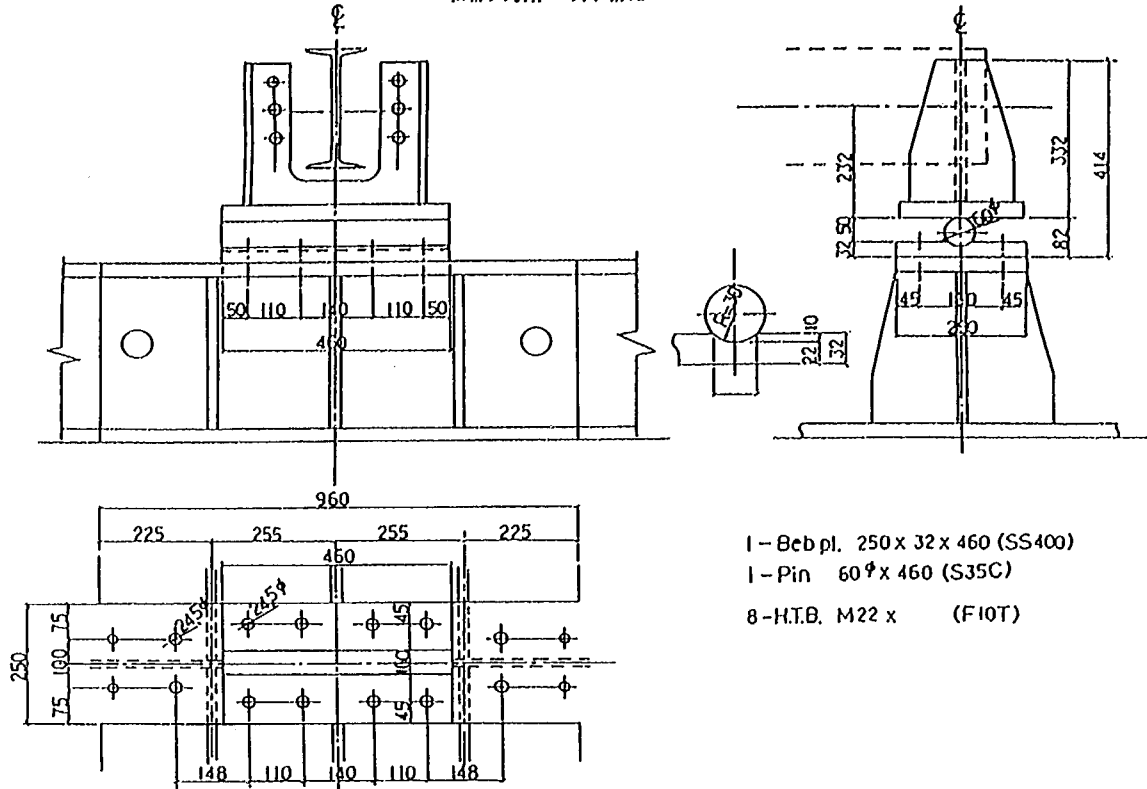


図-1.3.4 (b) 支点治具の寸法形状

### 縦折試験体の支承横方向拘束治具

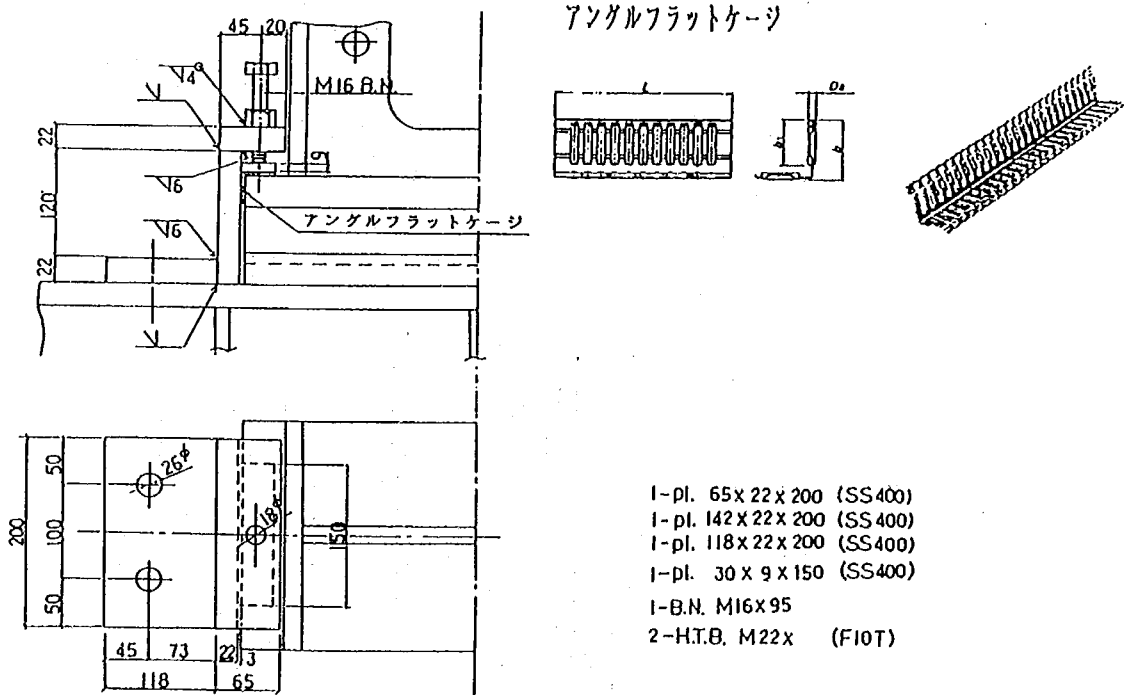


図-1.3.5 横倒れ防止治具の寸法形状

表-1.3.2 桁タイプ試験体の曲げ試験結果

| 試験体<br>No. | 使用桁 | 最大荷重<br>(tf) | 最大荷重時<br>変位 (mm) |
|------------|-----|--------------|------------------|
| No. 1      | 腐食大 | 30           | 157              |
| No. 3      | 腐食大 | 30           | 149              |
| No. 4      | 腐食大 | 30           | 100              |
| No. 5      | 腐食中 | 33           | 130              |
| No. 6      | 腐食小 | 35           | 140              |
| No. 7      | 腐食小 | 32           | 60               |

※ 試験体No. 2は試験を行っていない

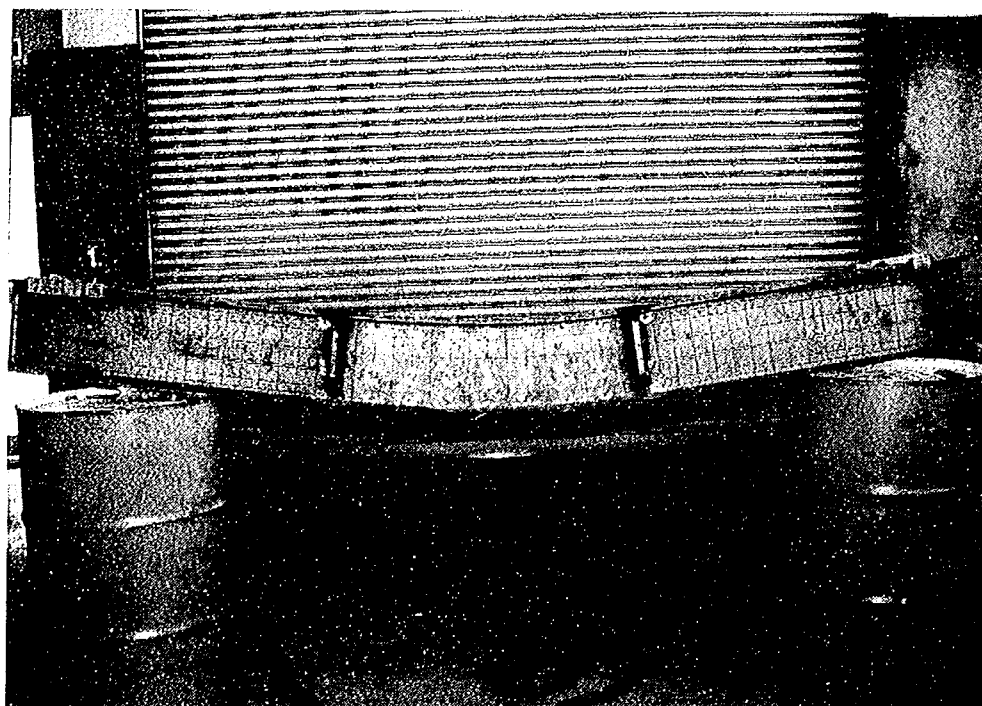
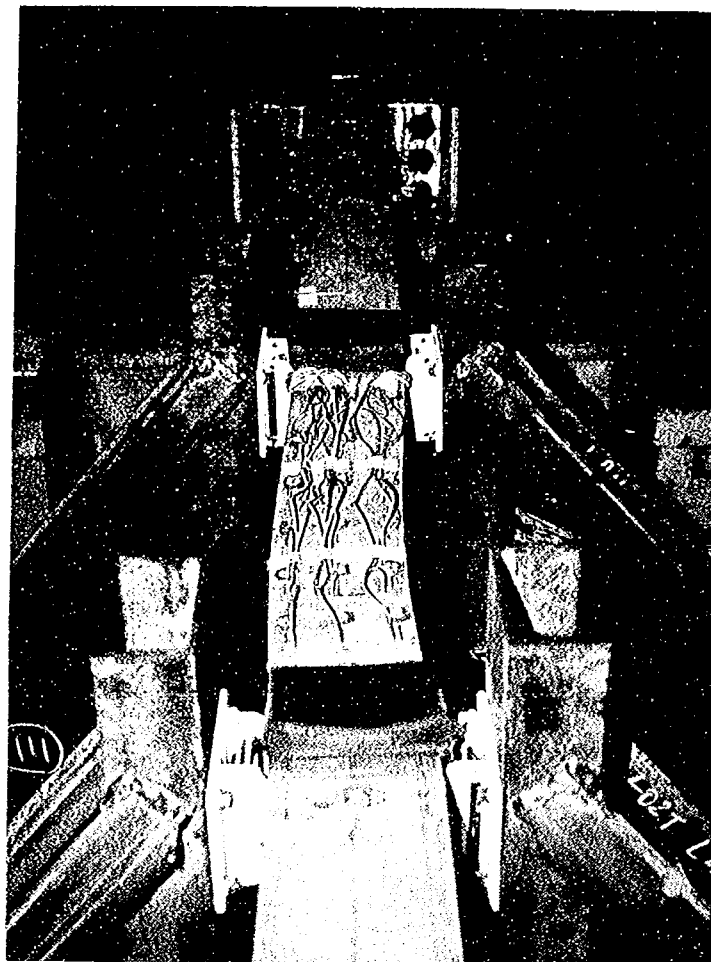


写真-1.3.5(a) 試験後の状況(試験体No.1)

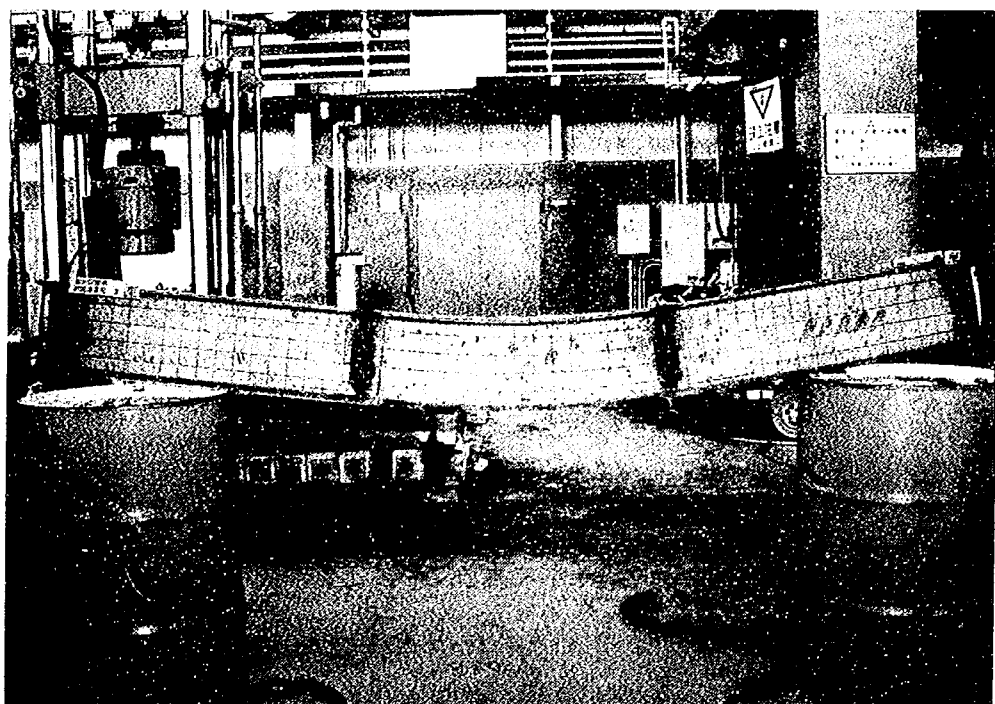
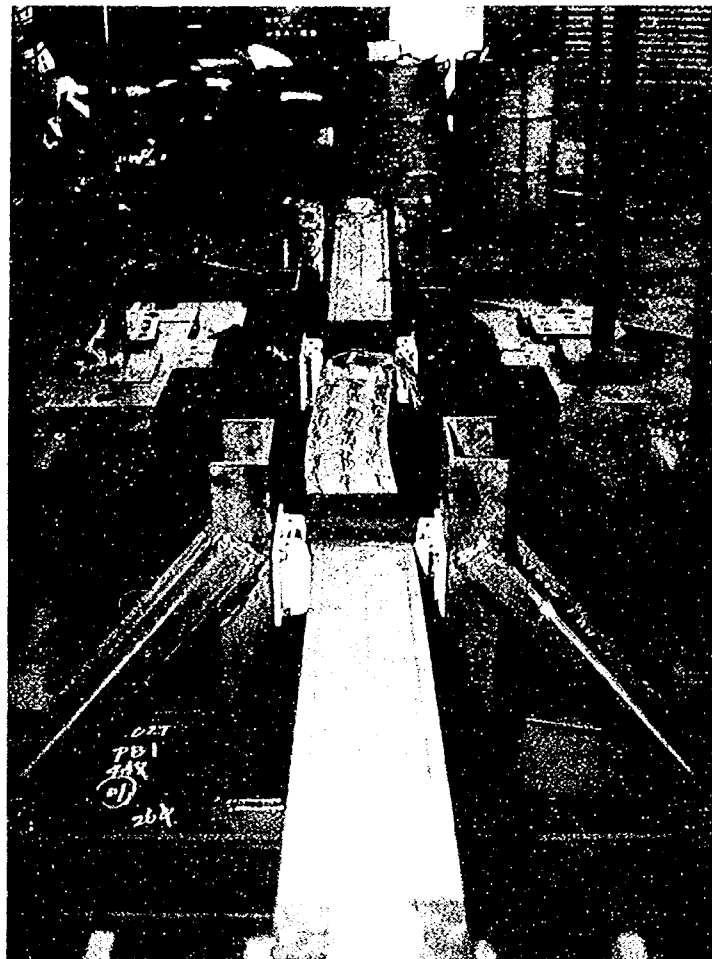


写真-1.3.5(b) 試験後の状況（試験体No.3）

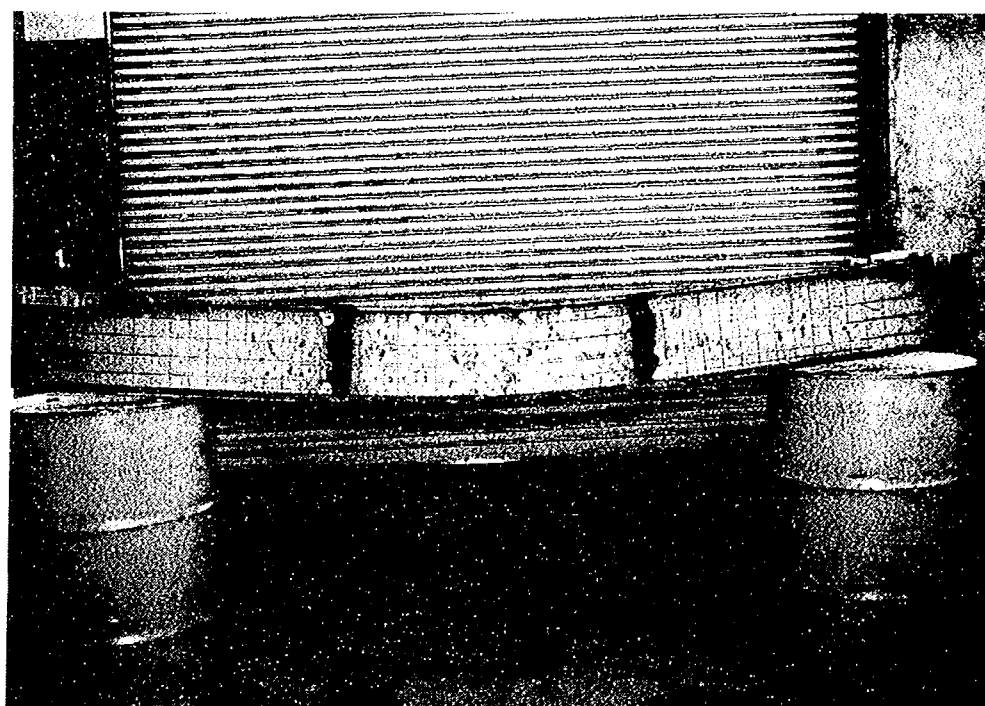


写真-1.3, 5(c) 試験後の状況 (試験体No.4)

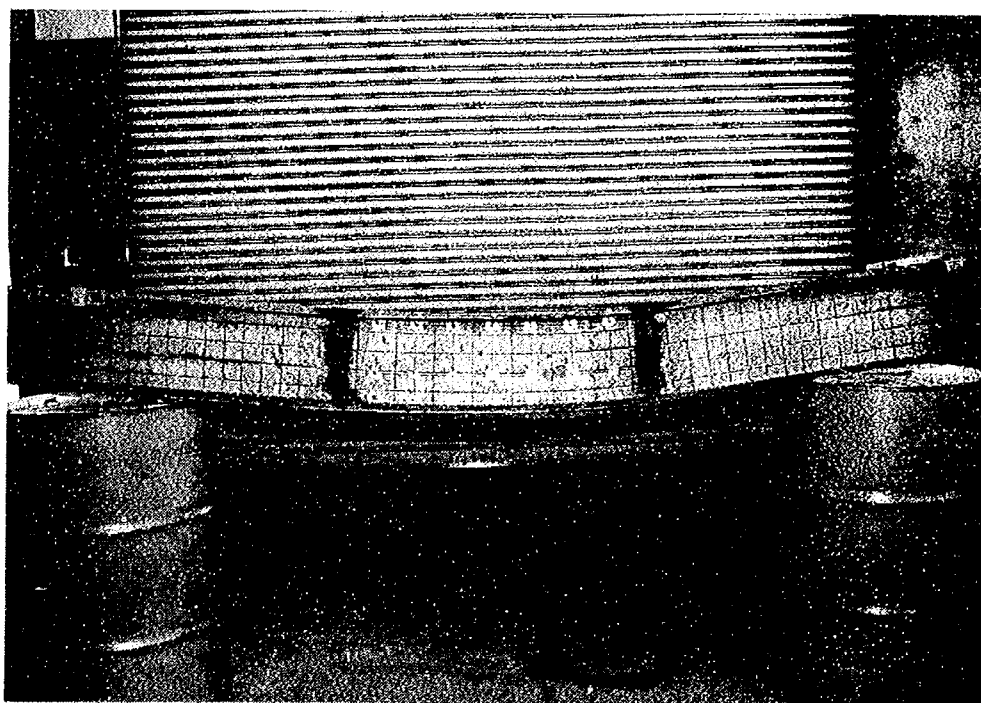
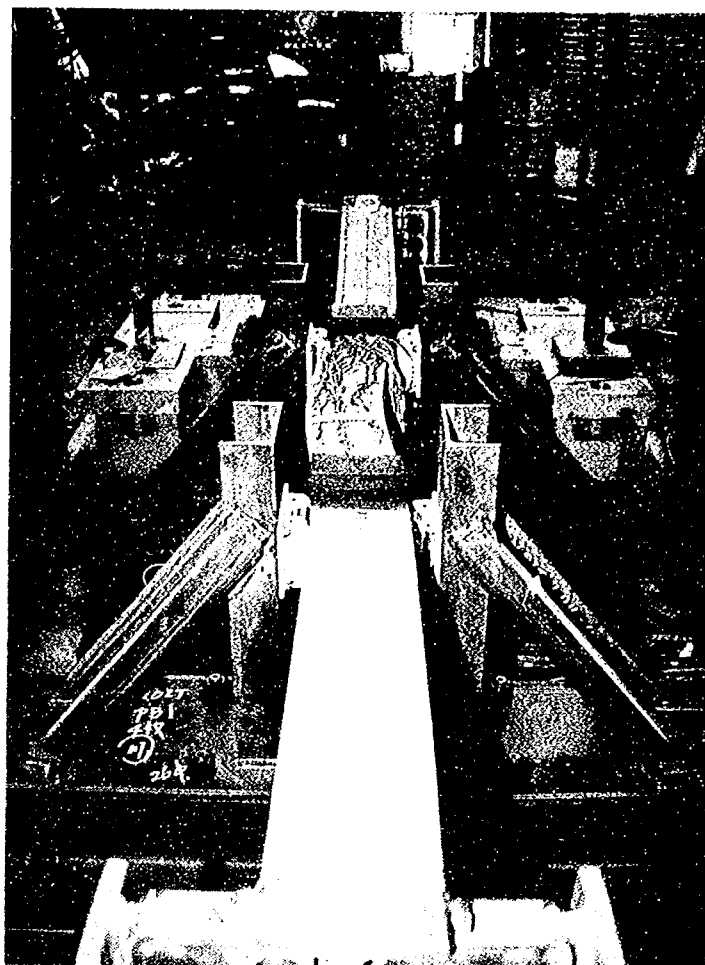


写真-1.3.5(d) 試験後の状況 (試験体No.5)

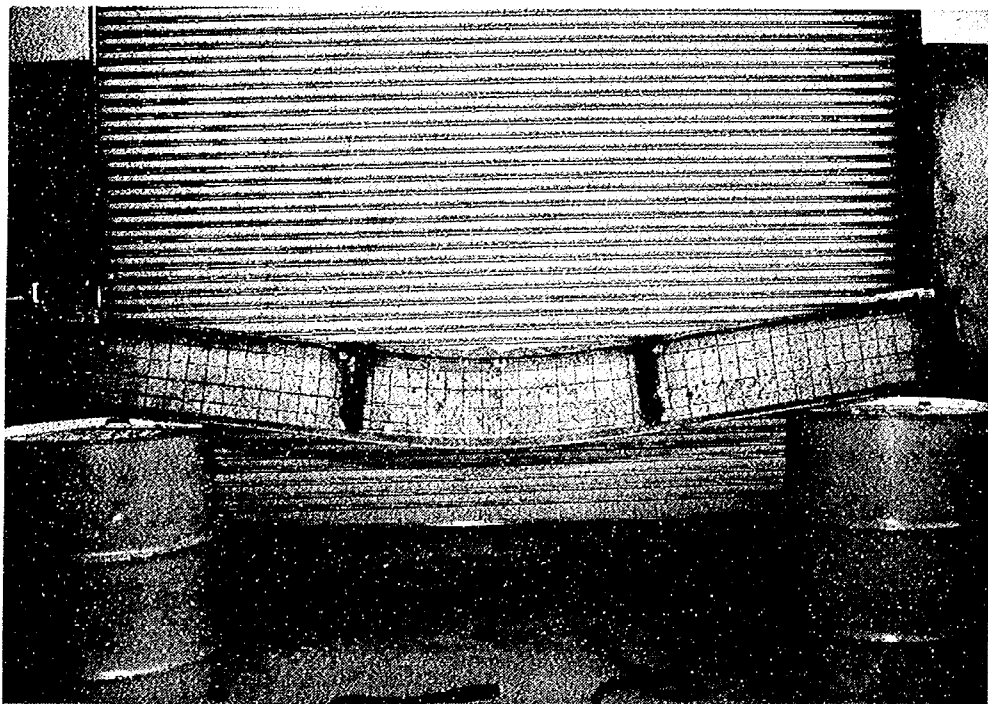
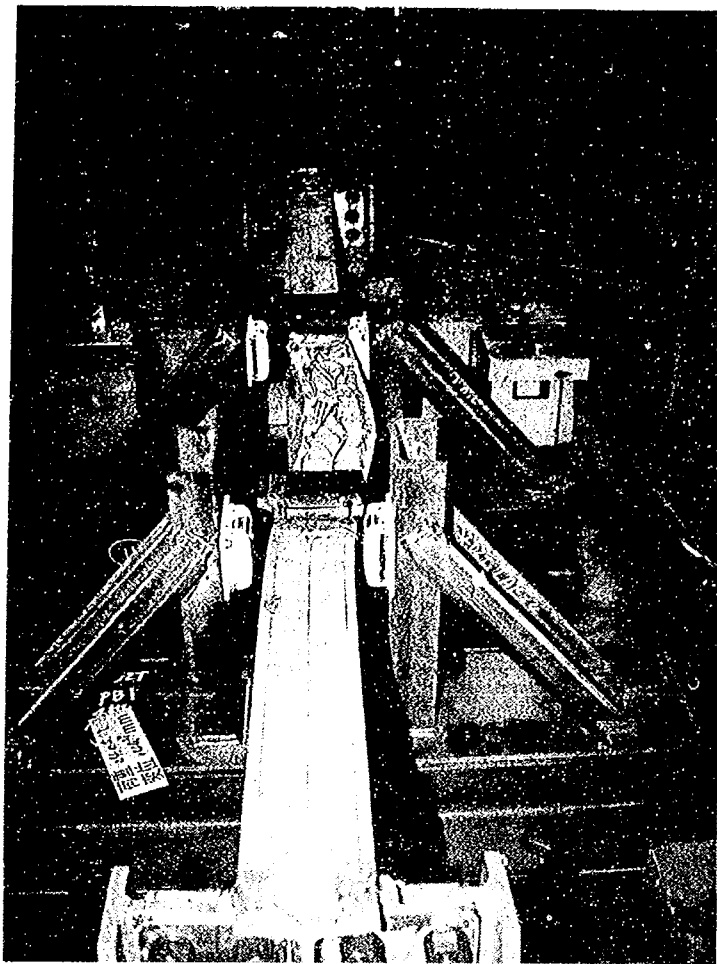


写真-1.3.5(c) 試験後の状況(試験体No.6)

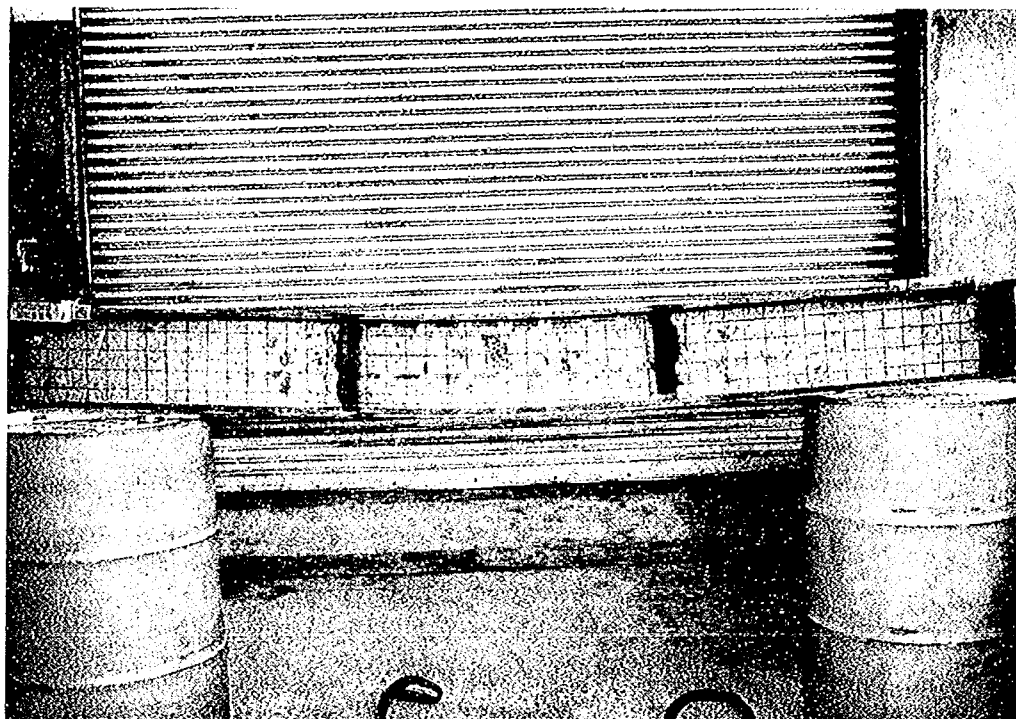


写真-1.3.5(f) 試験後の状況（試験体No.7）

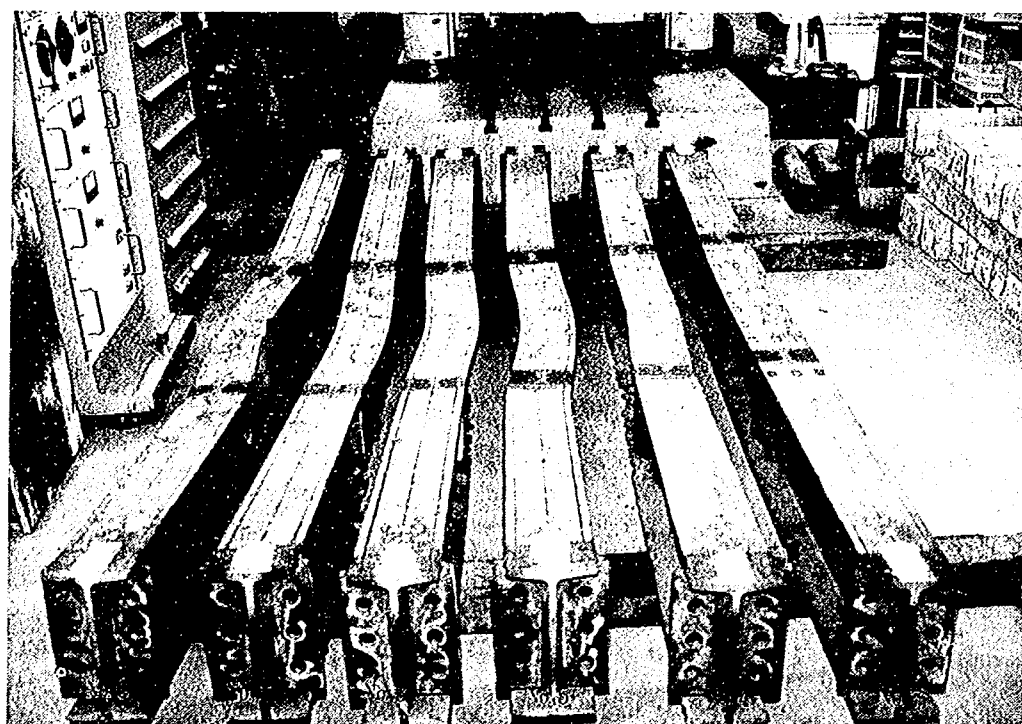


写真-1.3.5(g) 試験体の状況



(a) 試験体No. 3

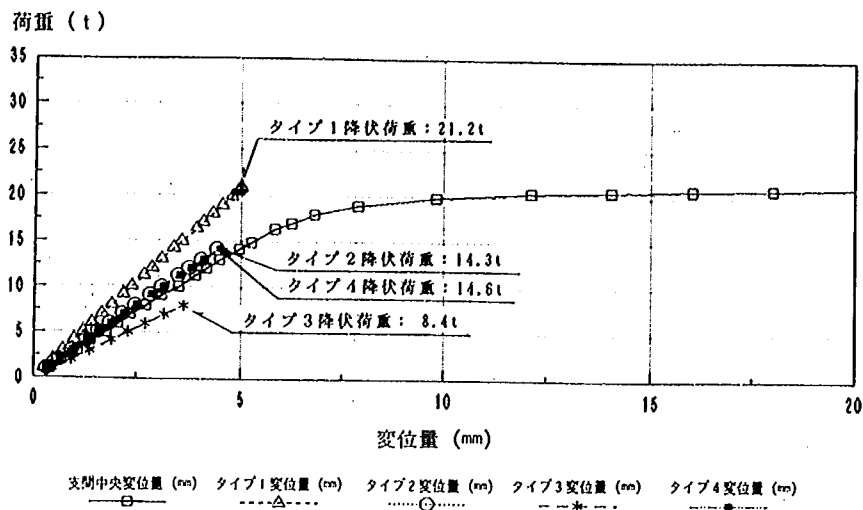


(b) 試験体No. 3

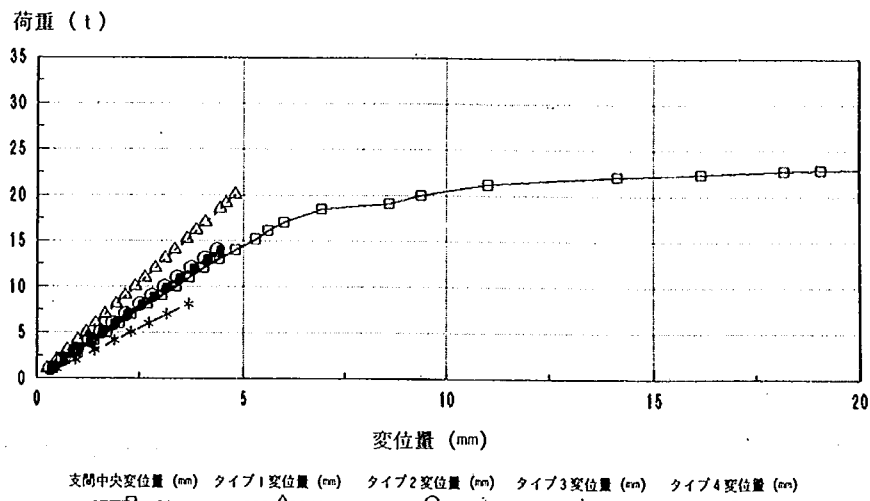
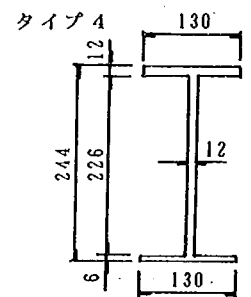
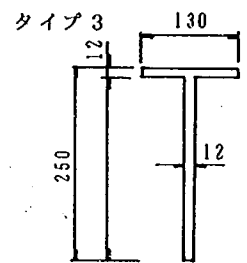
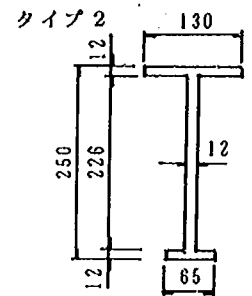
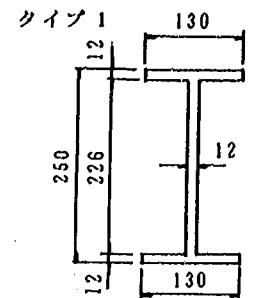


(c) 試験体No. 4

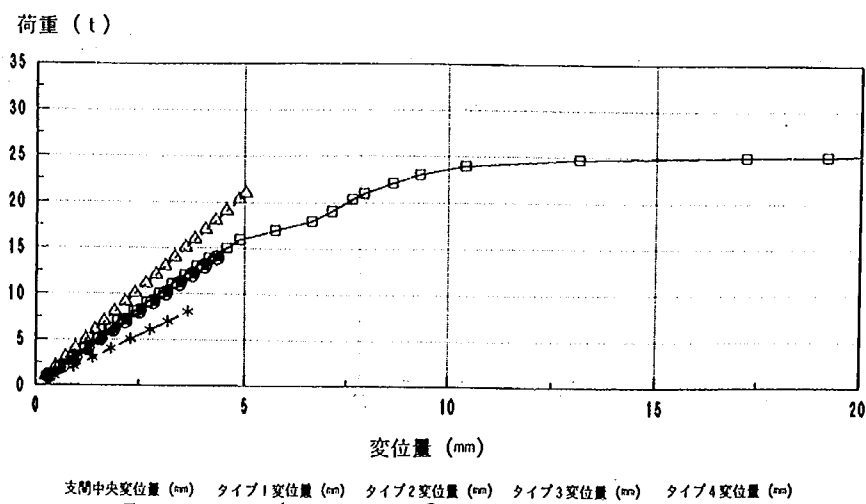
写真-1.3.6 桁タイプ試験体下フランジに発生したき裂



試験体No. 1



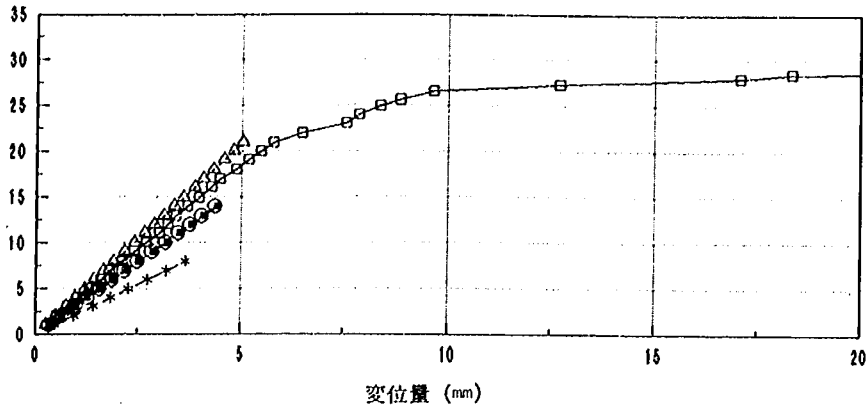
試験体No. 3



試験体No. 4

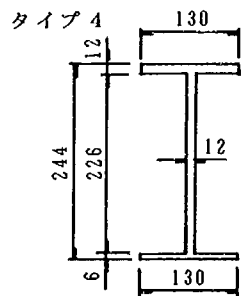
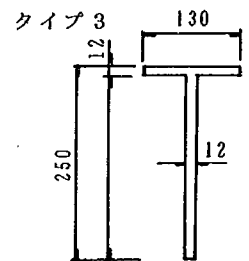
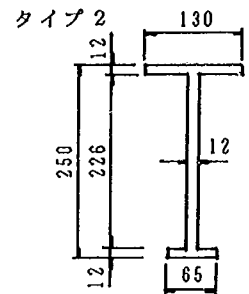
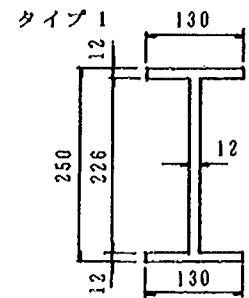
図-1.3.6(a) 桁タイプ試験体の荷重-変位の関係

荷重 (t)

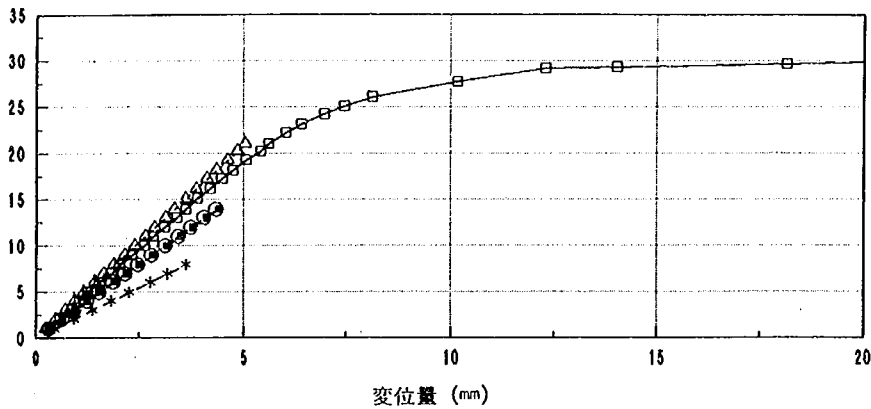


支間中央変位量 (mm) タイプ1変位量 (mm) タイプ2変位量 (mm) タイプ3変位量 (mm) タイプ4変位量 (mm)

試験体No. 5



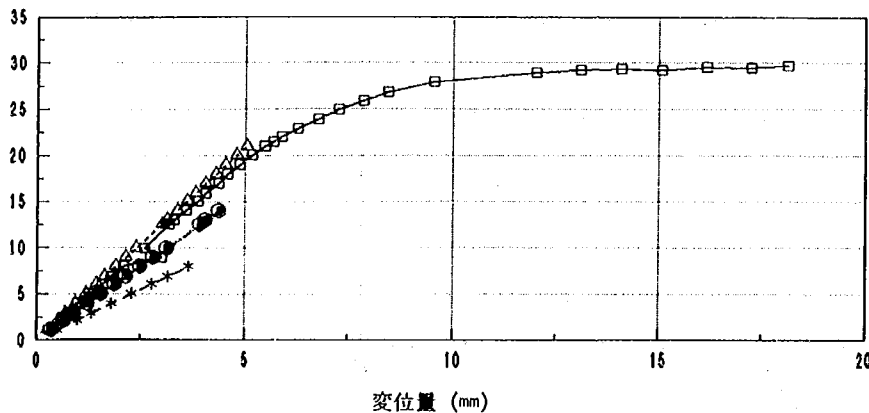
荷重 (t)



支間中央変位量 (mm) タイプ1変位量 (mm) タイプ2変位量 (mm) タイプ3変位量 (mm) タイプ4変位量 (mm)

試験体No. 6

荷重 (t)



支間中央変位量 (mm) タイプ1変位量 (mm) タイプ2変位量 (mm) タイプ3変位量 (mm) タイプ4変位量 (mm)

試験体No. 7

図-1.3.6 (b) 桁タイプ試験体の荷重-変位の関係

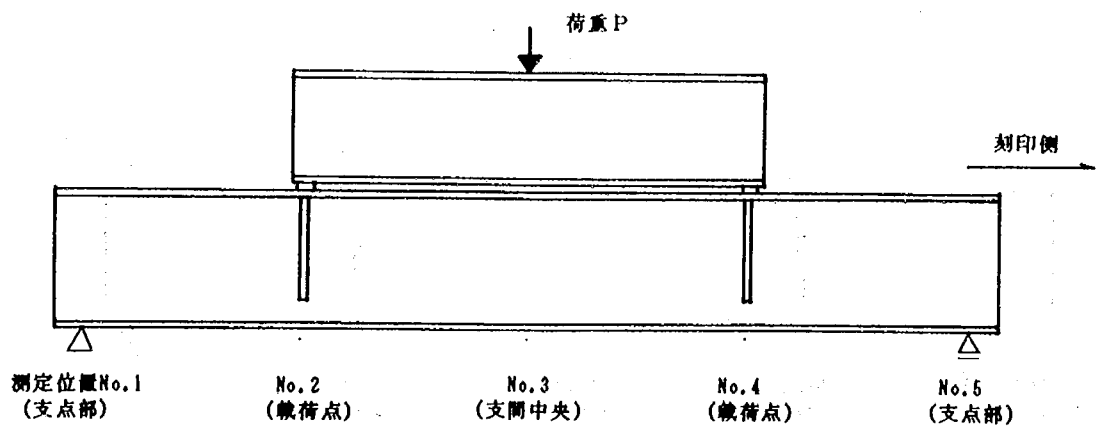
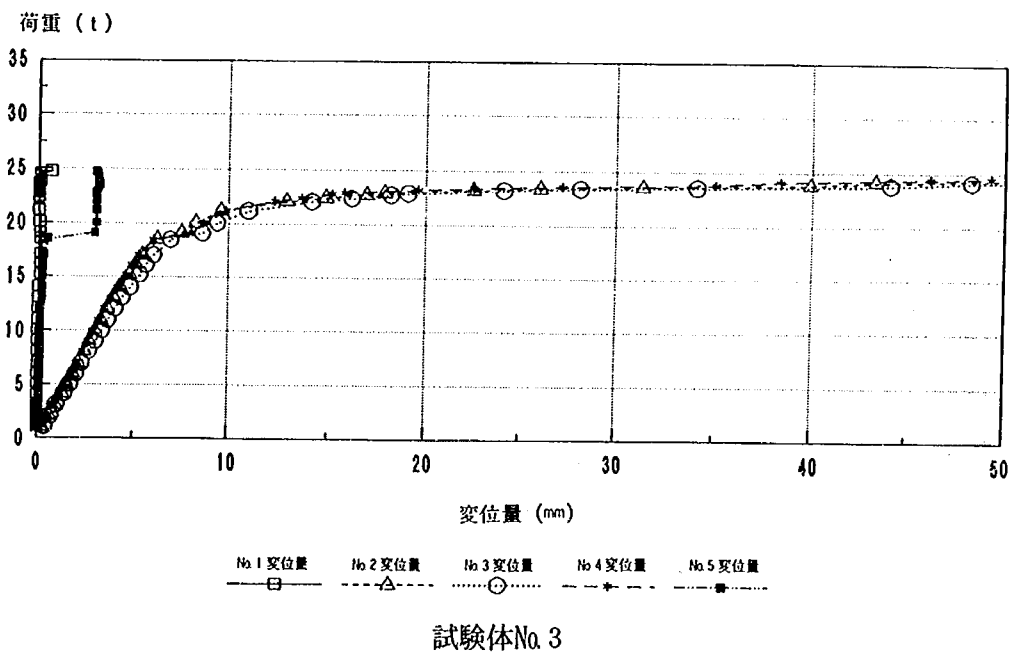
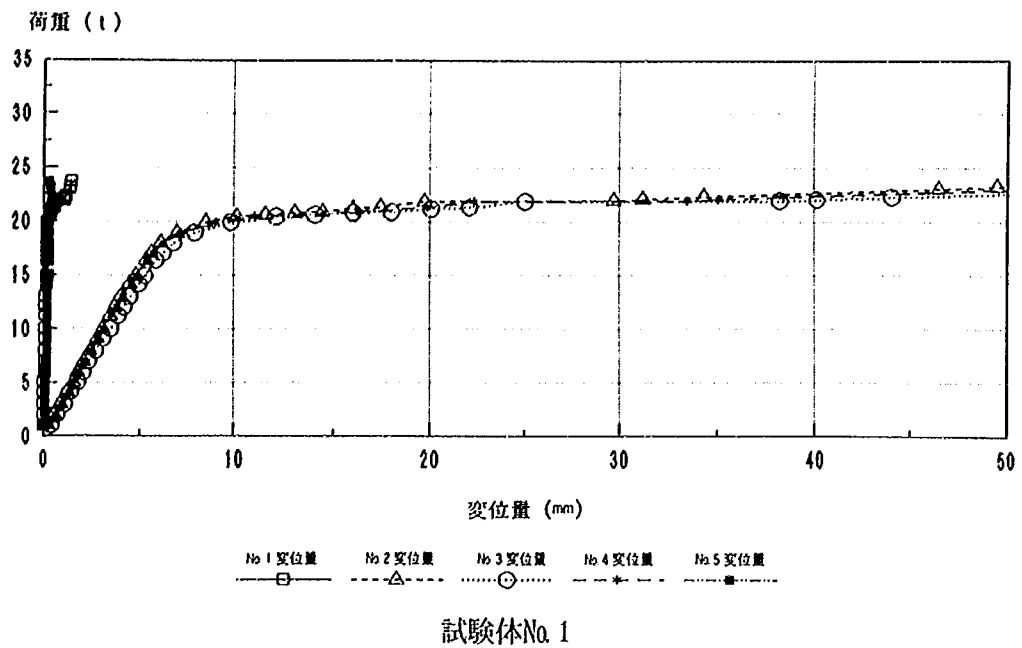
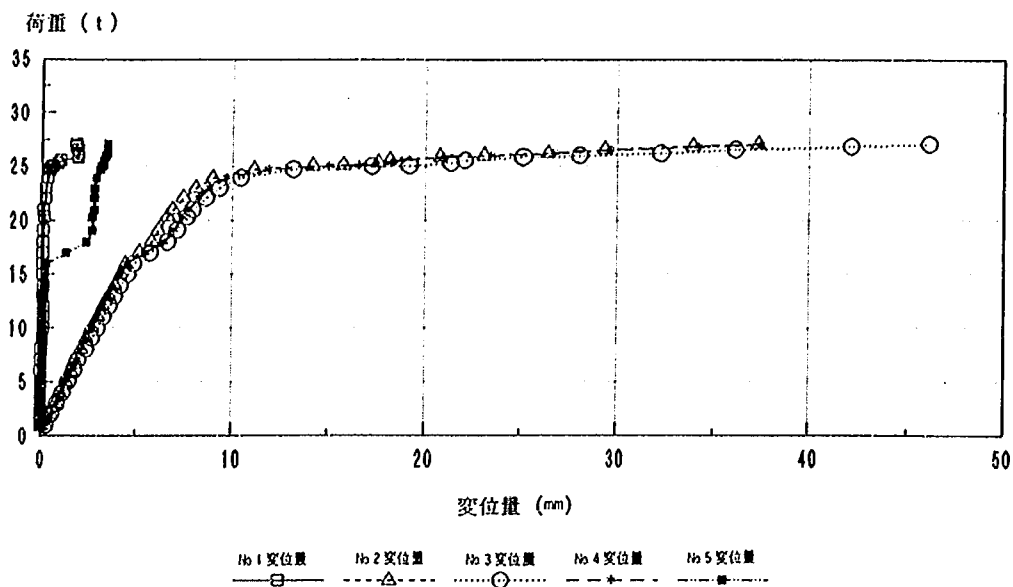
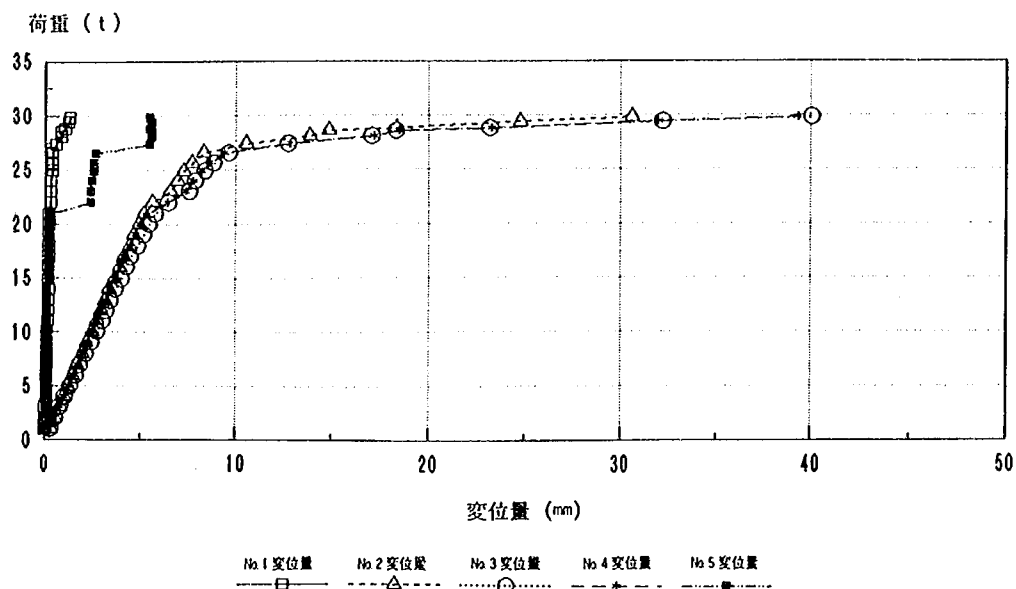


図-1.3.7(a) 荷重-変位の関係



試験体No. 4



試験体No. 5

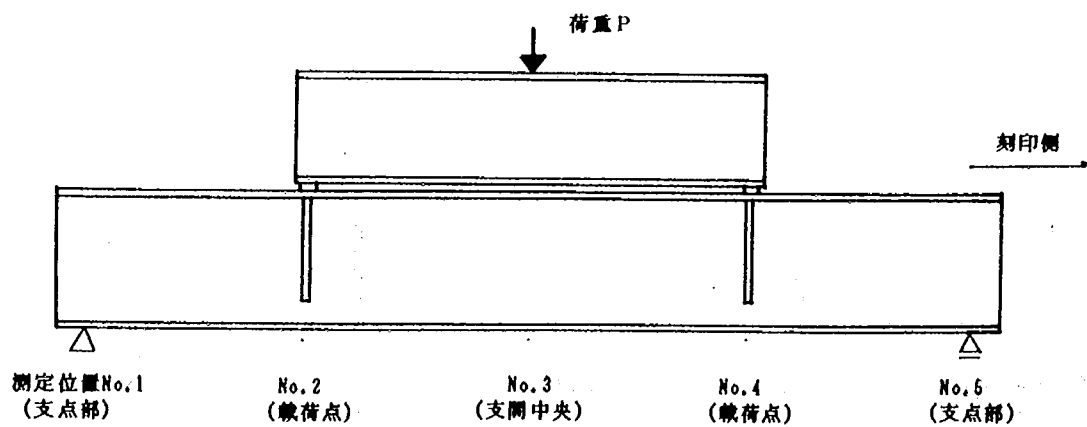
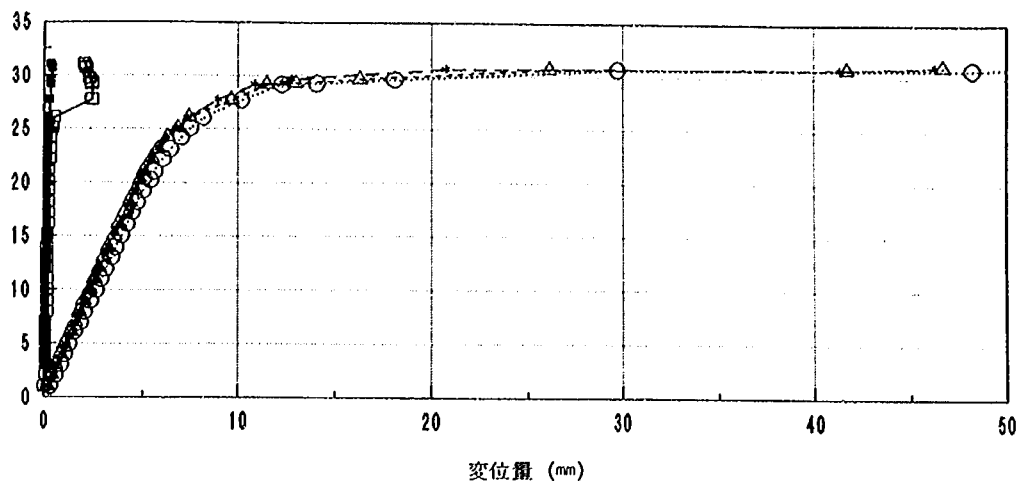


図-1.3.7(b) 荷重-変位の関係

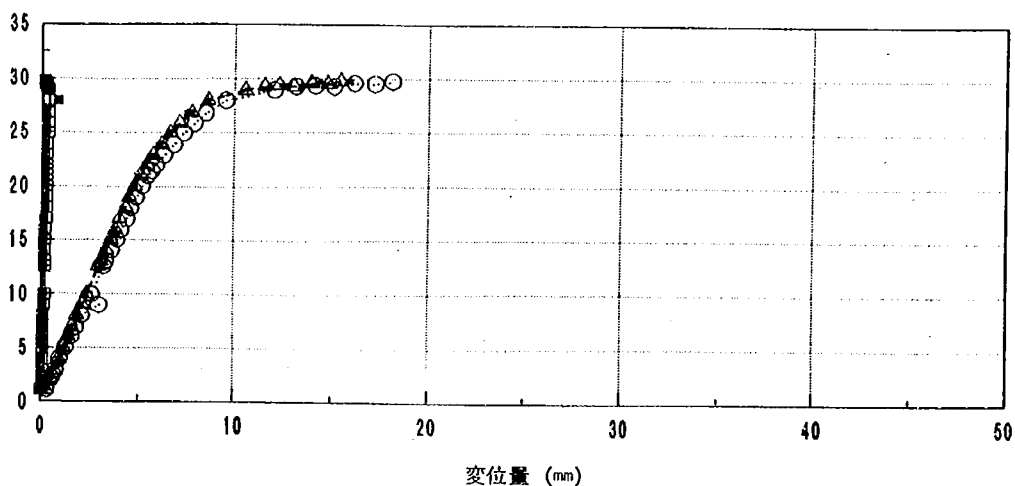
荷重 (t)



No. 1 変位量    No. 2 変位量    No. 3 変位量    No. 4 変位量    No. 5 変位量

試験体No. 6

荷重 (t)



No. 1 変位量    No. 2 変位量    No. 3 変位量    No. 4 変位量    No. 5 変位量

試験体No. 7

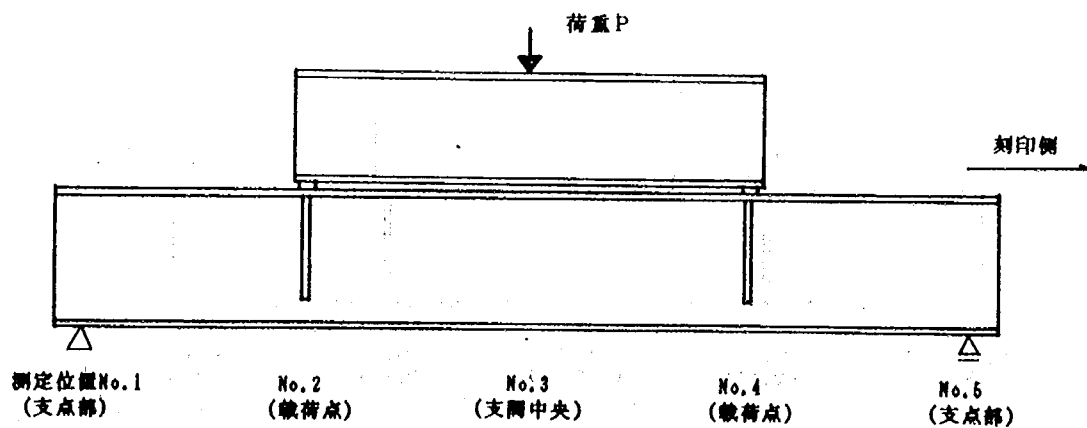
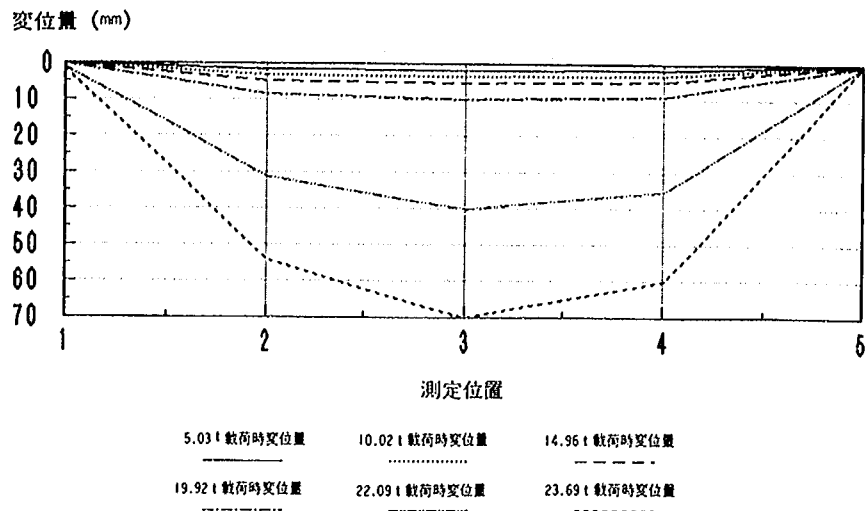
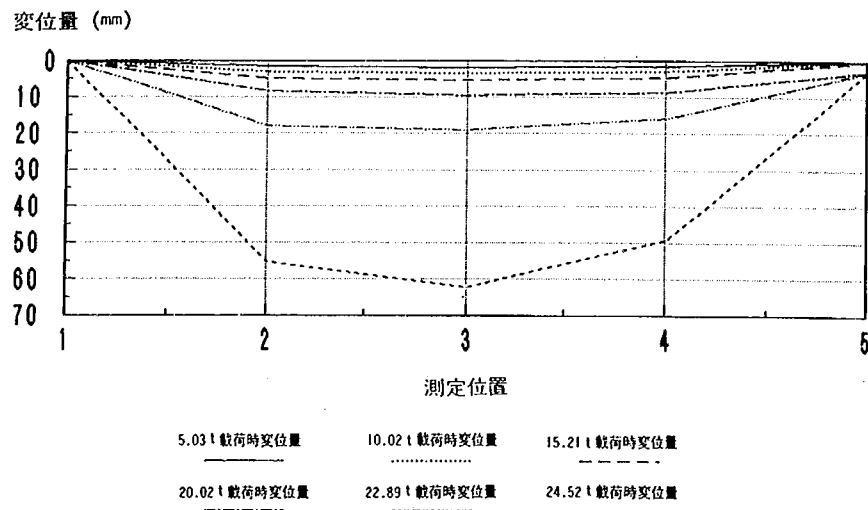


図-1.3.7(c) 荷重-変位の関係



試験体No. 1



試験体No. 3

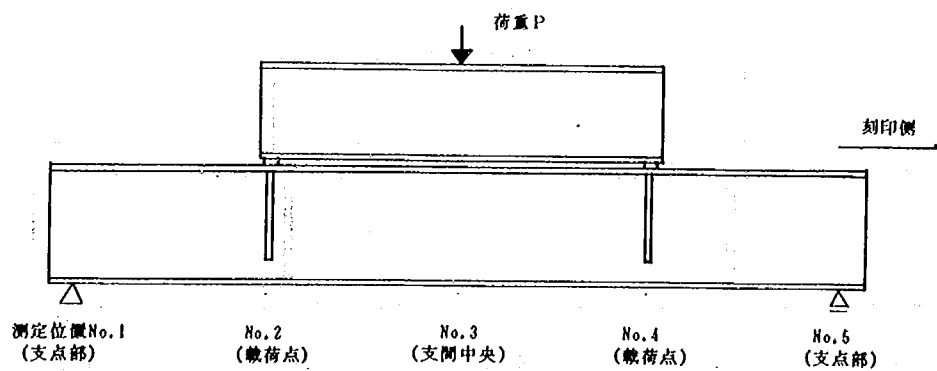
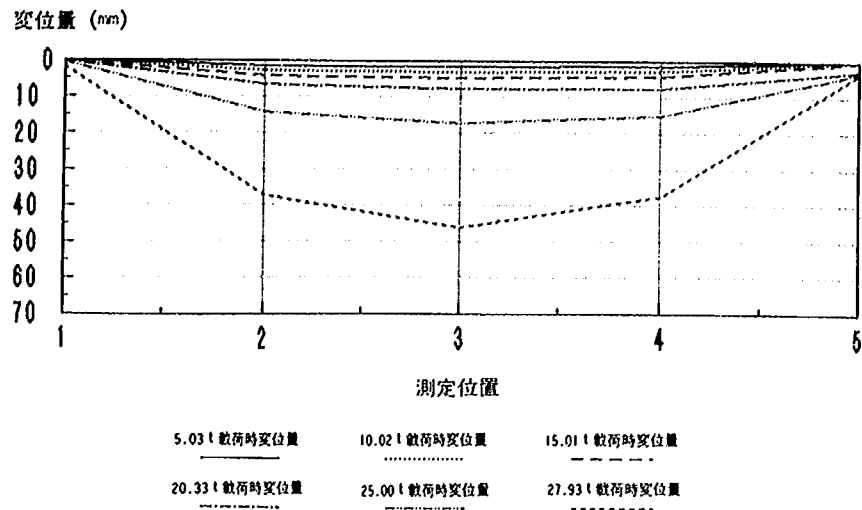
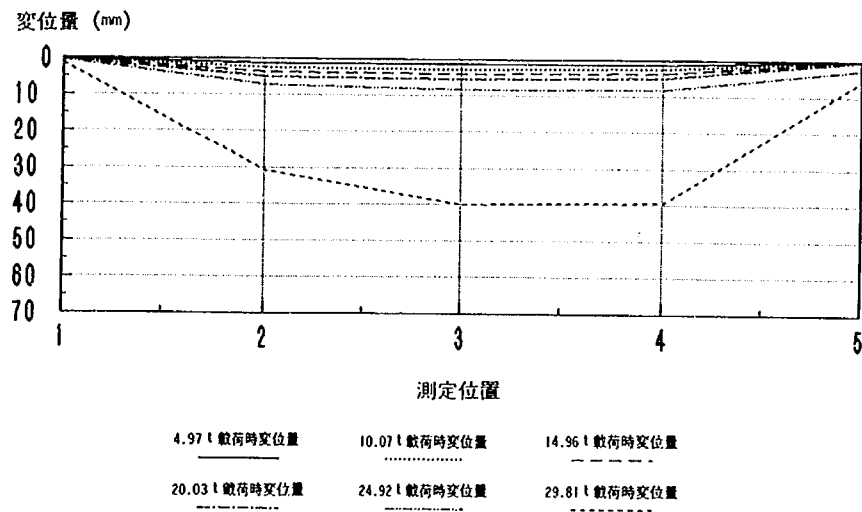


図-1.3.8(a) 各荷重レベルにおける荷重-変位の関係



試験体No. 4



試験体No. 5

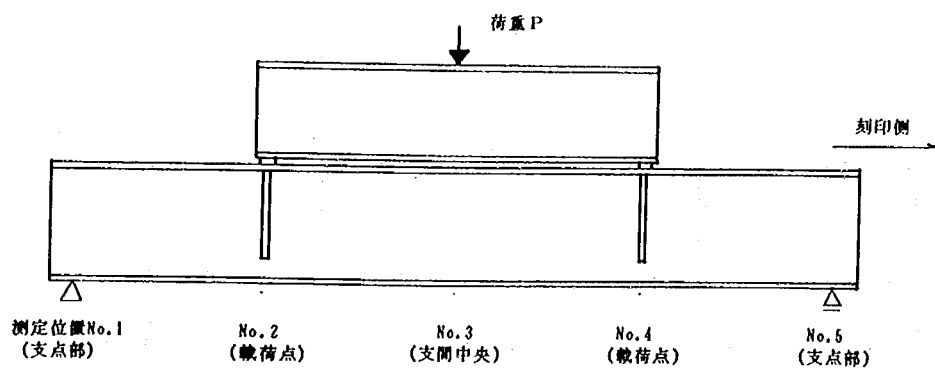
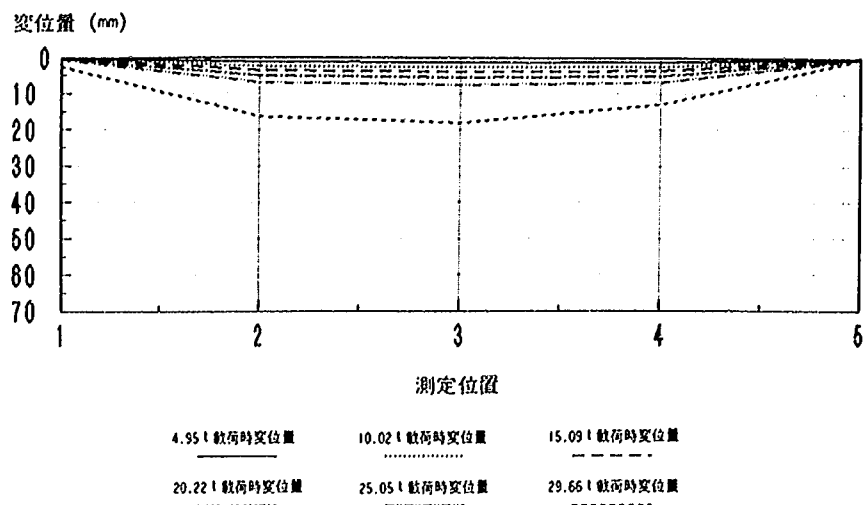
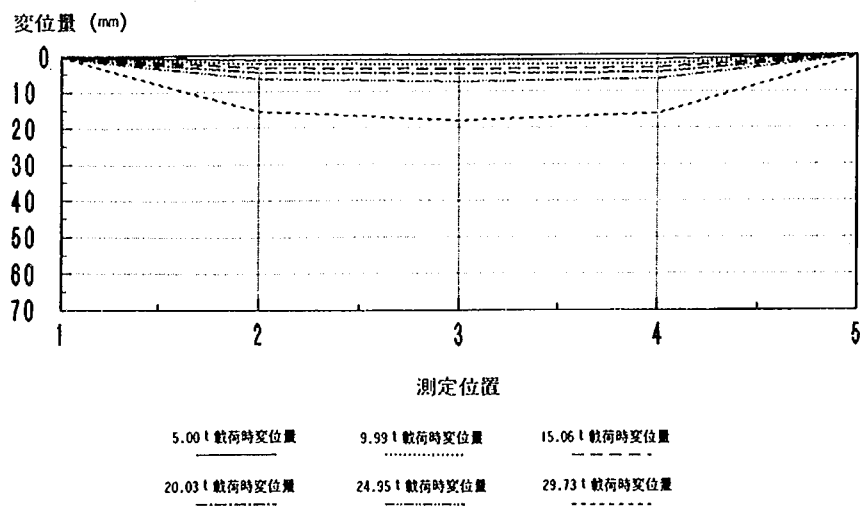


図-1.3.8 (b) 各荷重レベルにおける荷重-変位の関係



試験体No. 6



試験体No. 7

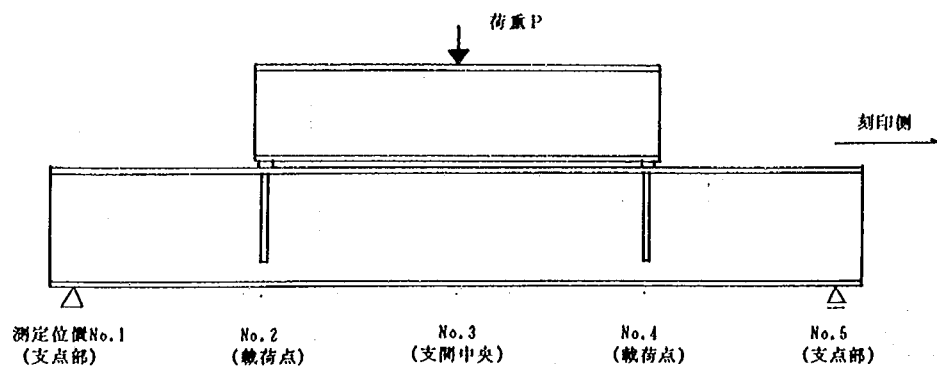
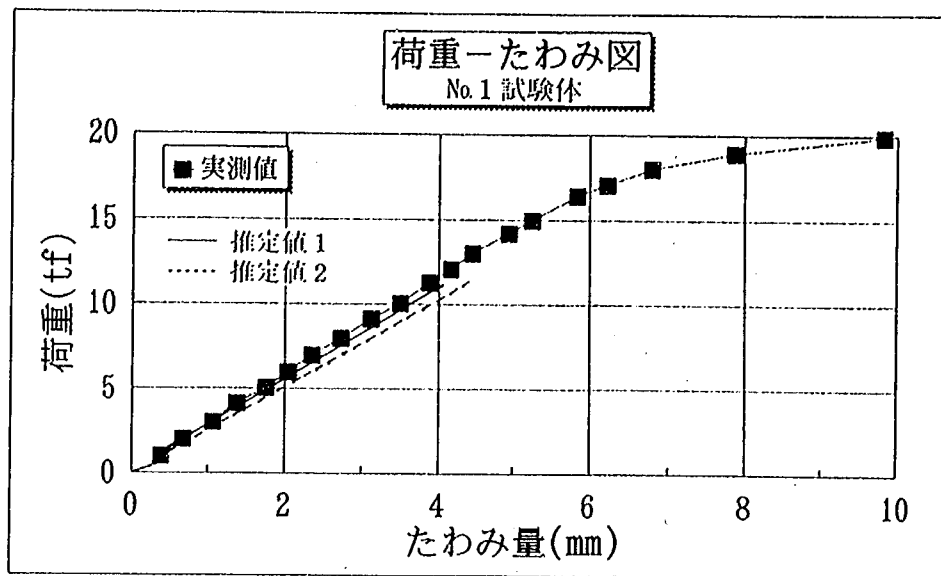
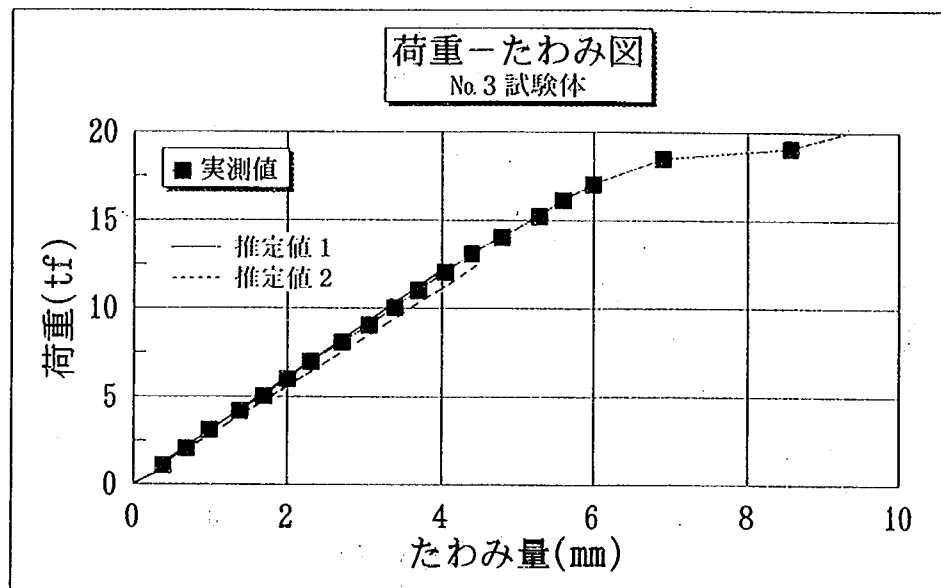


図-1.3.8(c) 各荷重レベルにおける荷重-変位の関係

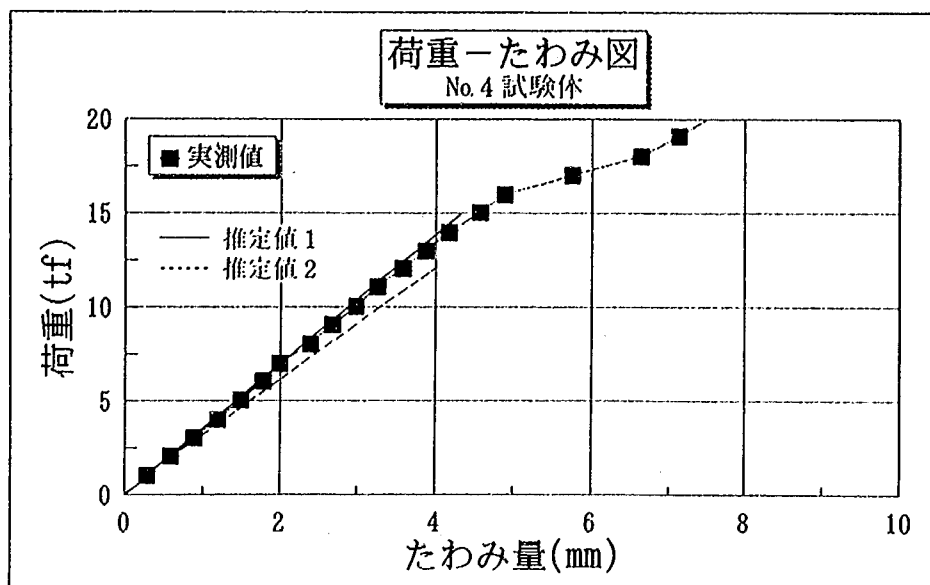


試験体 No. 1

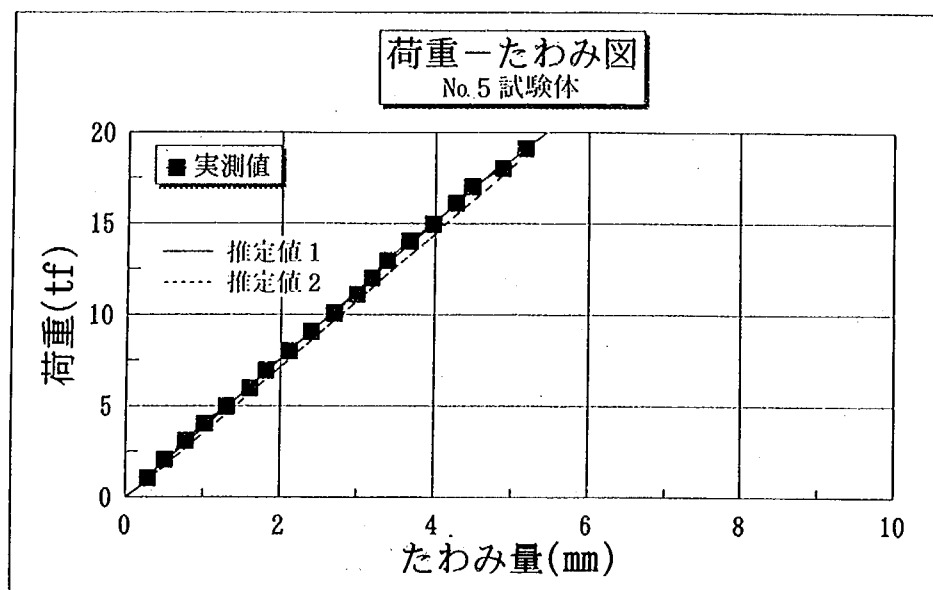


試験体 No. 3

図－1.3.9(a) 支間中央部におけるたわみの実測値と計算値



試験体 No. 4



試験体 No. 5

図－1.3.9(b) 支間中央部におけるたわみの実測値と計算値

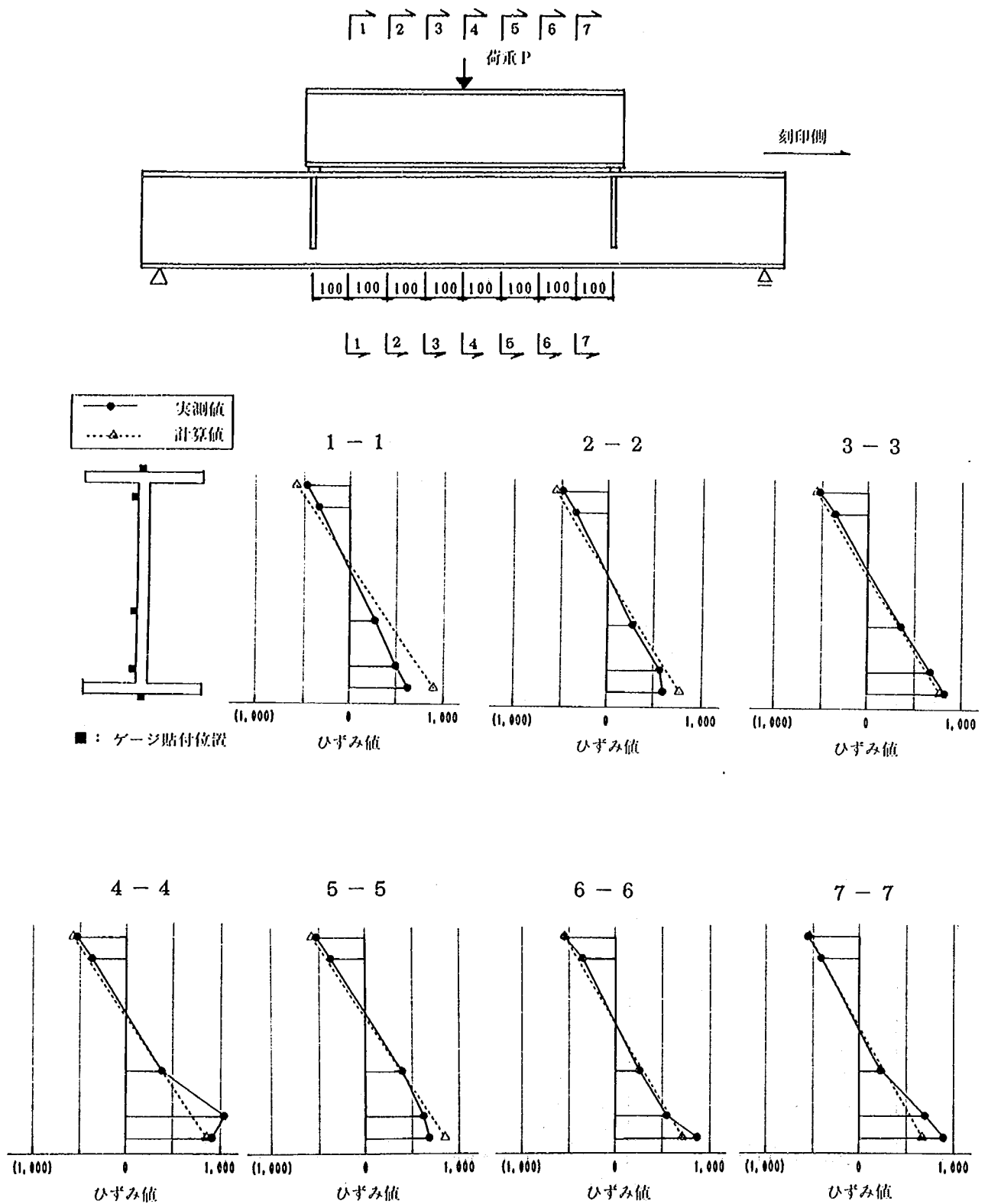


図-1.3.10(a) 各断面におけるひずみの実測値と計算値 試験体No.1 (10.0tf 載荷時)

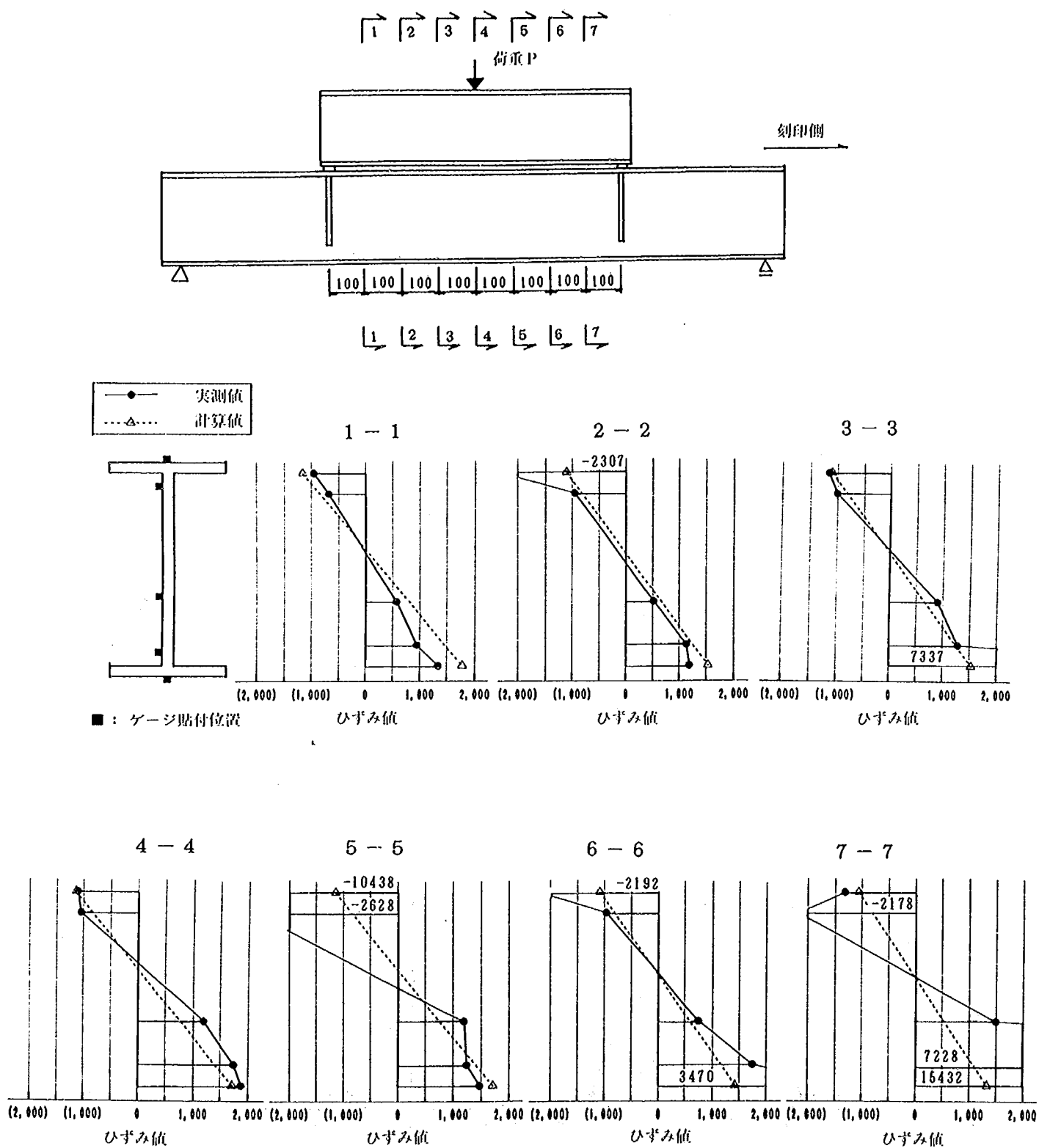


図-1.3.10 (b) 各断面におけるひずみの実測値と計算値 試験体No.1 (19.9tf 載荷時)

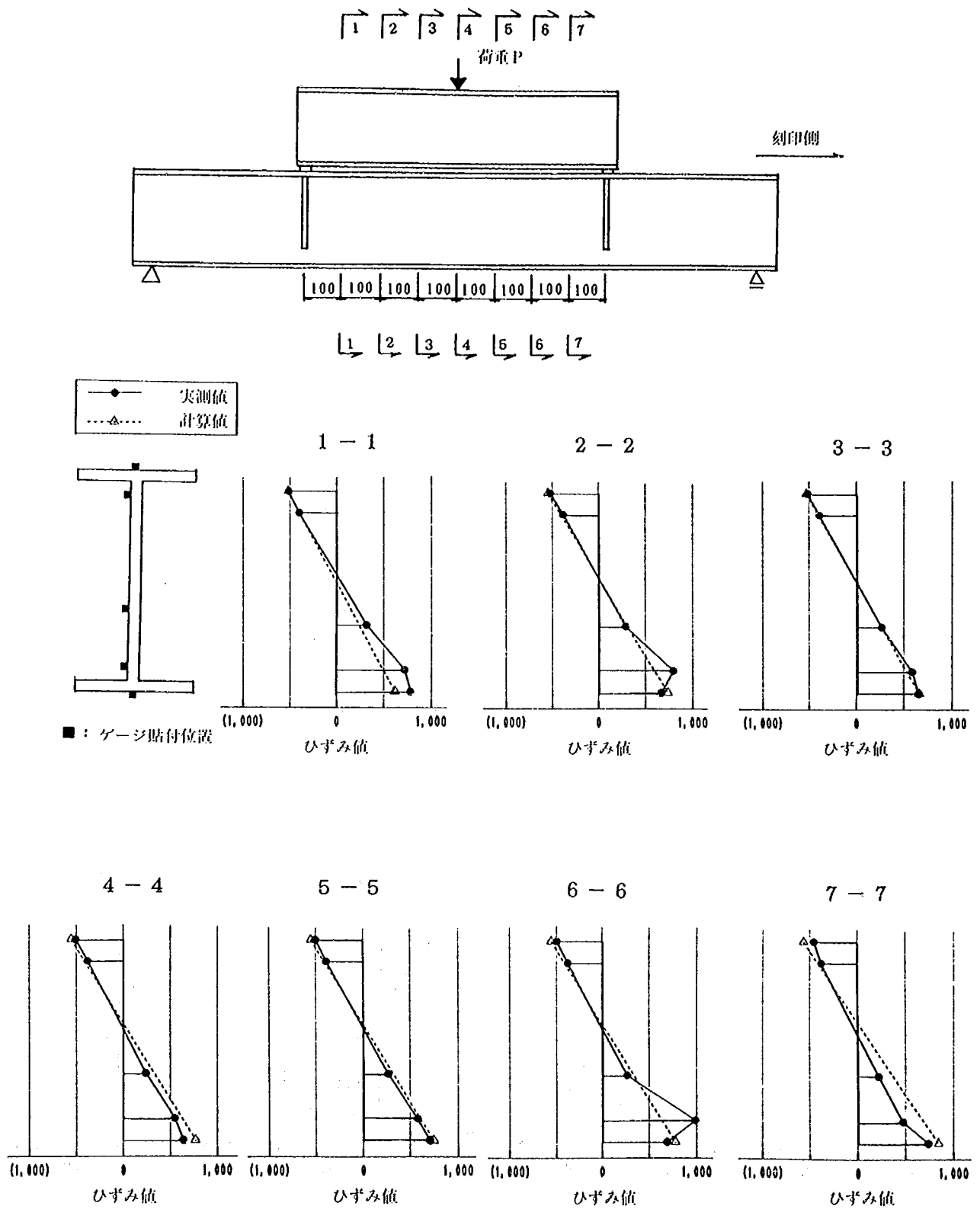


図-1.3.10(c) 各断面におけるひずみの実測値と計算値 試験体No.3 (10.0tf 載荷時)

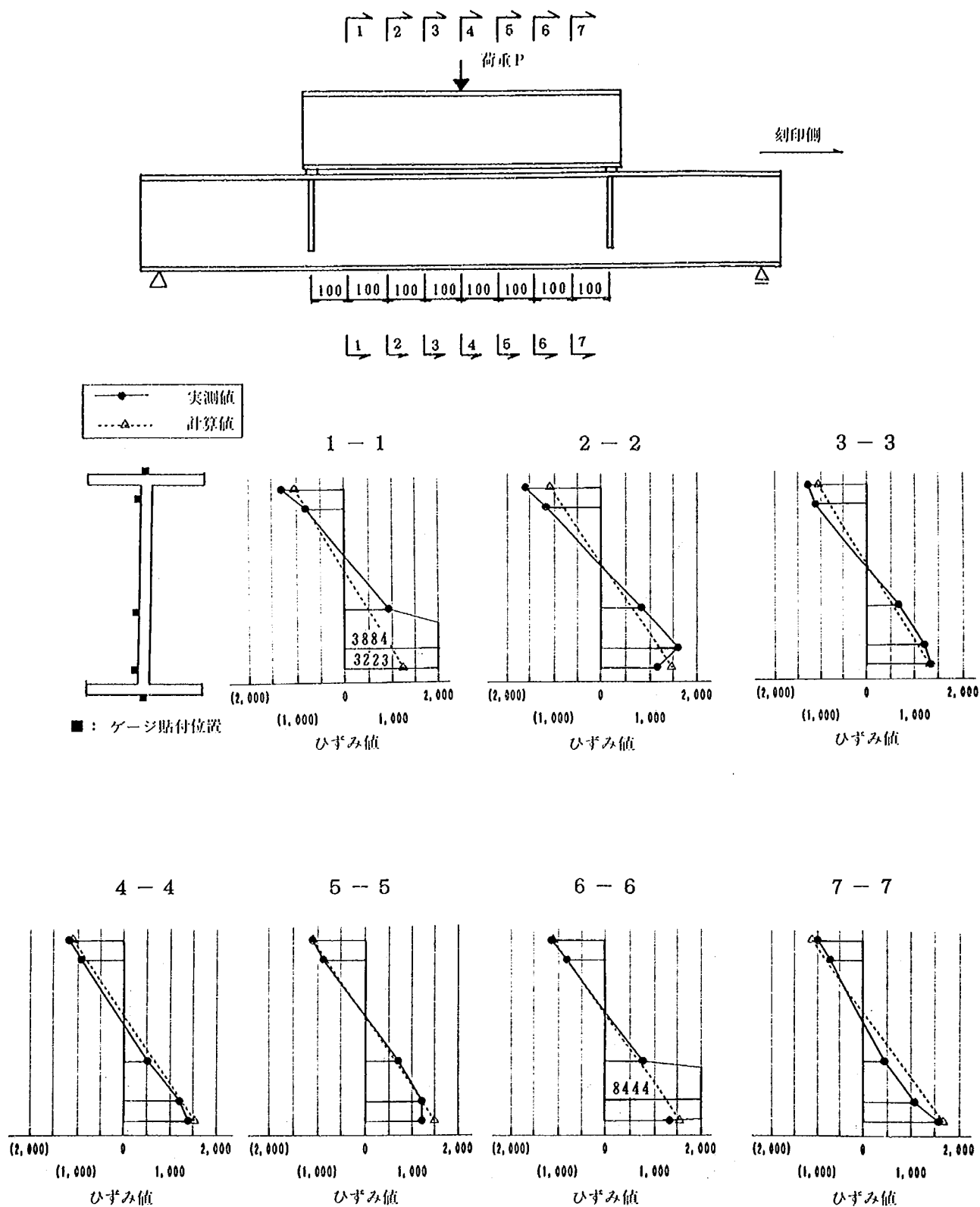


図-1.3.10(d) 各断面におけるひずみの実測値と計算値 試験体No.3 (20.0tf 載荷時)

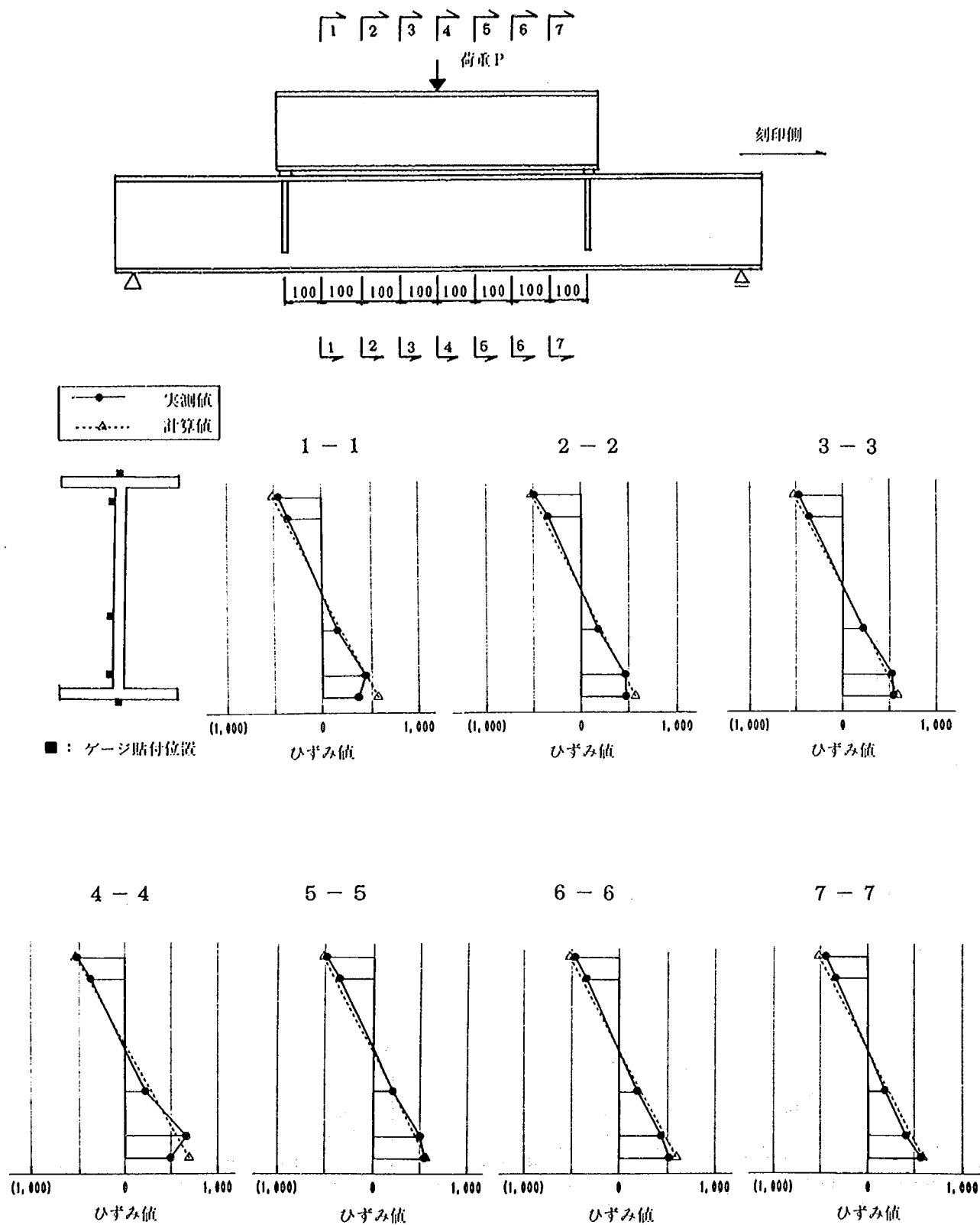


図-1.3.10(e) 各断面におけるひずみの実測値と計算値 試験体No.4 (10.0tf 載荷時)

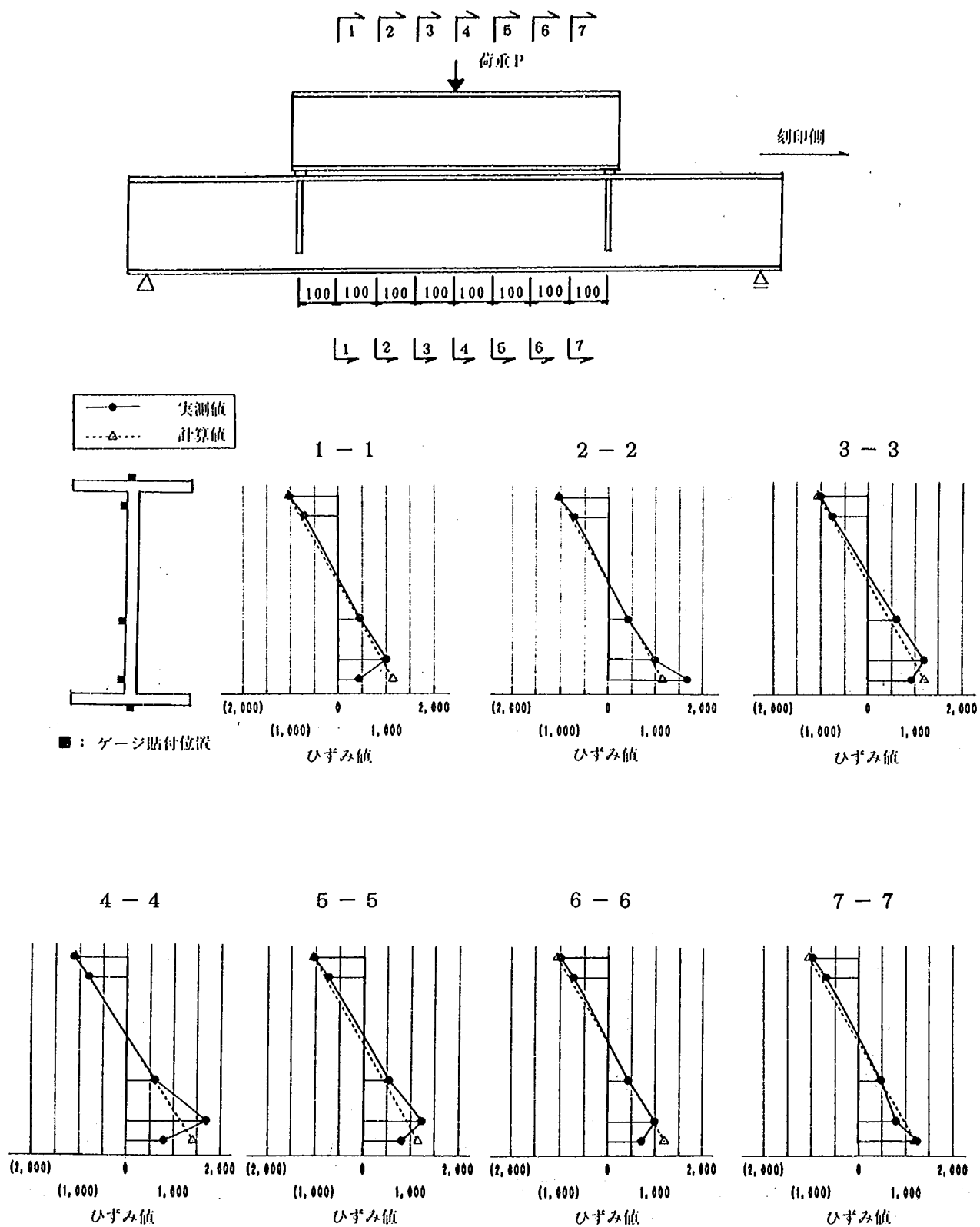


図-1.3.10(f) 各断面におけるひずみの実測値と計算値 試験体No.4 (20.3tf 載荷時)

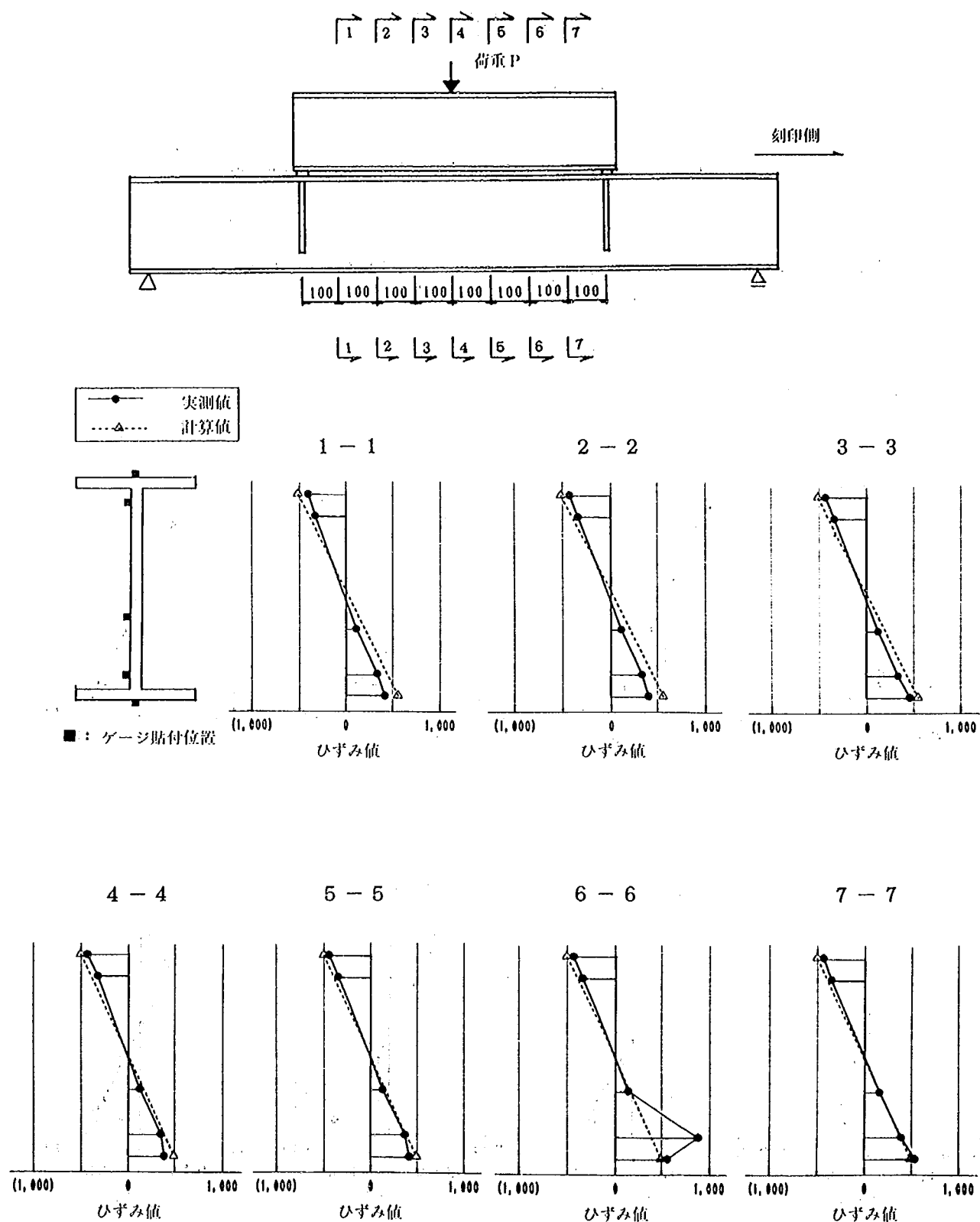


図-1.3.10(g) 各断面におけるひずみの実測値と計算値 試験体No.5 (10.1tf 載荷時)

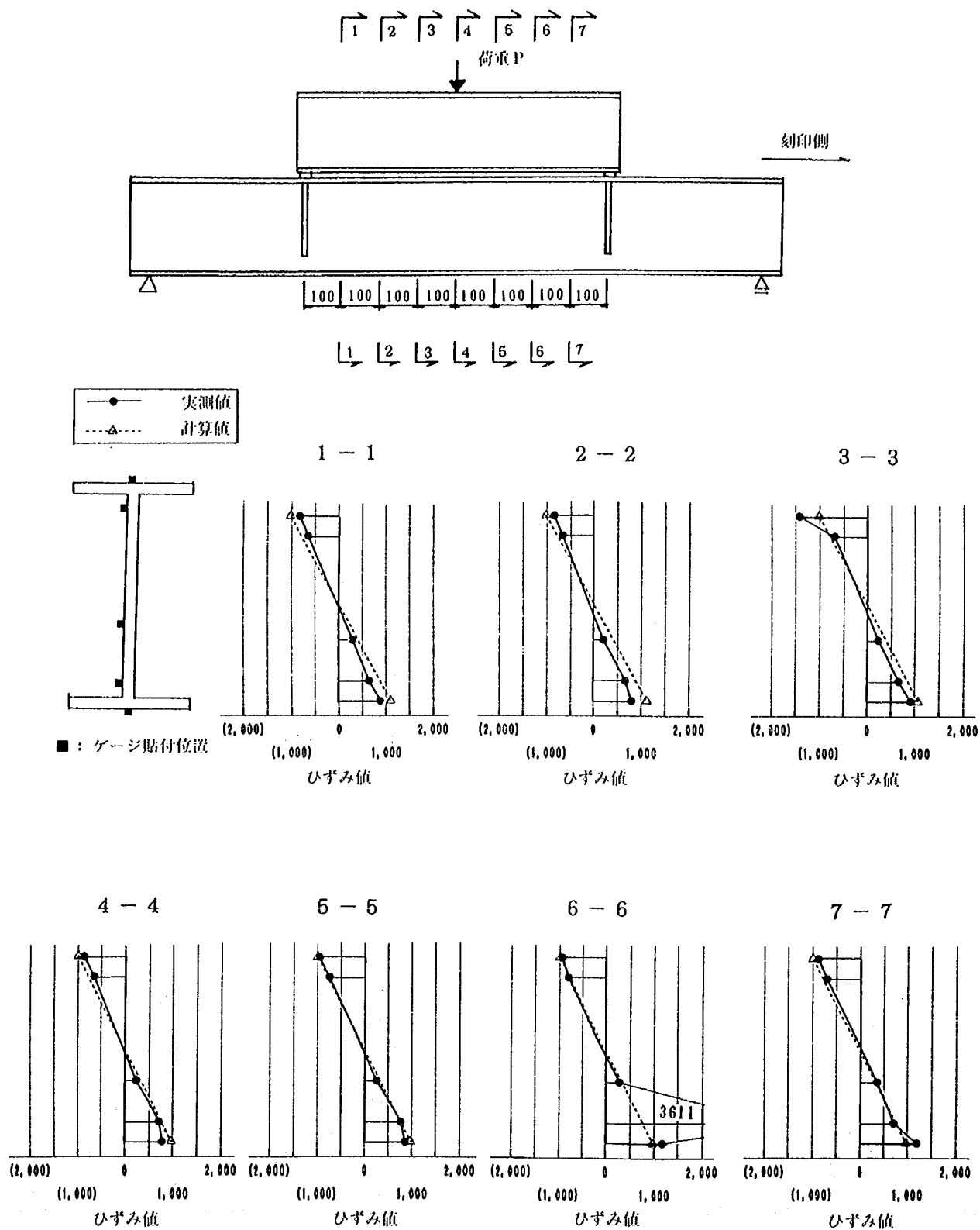


図-1.3.10(h) 各断面におけるひずみの実測値と計算値 試験体No.5 (20.0tf 載荷時)

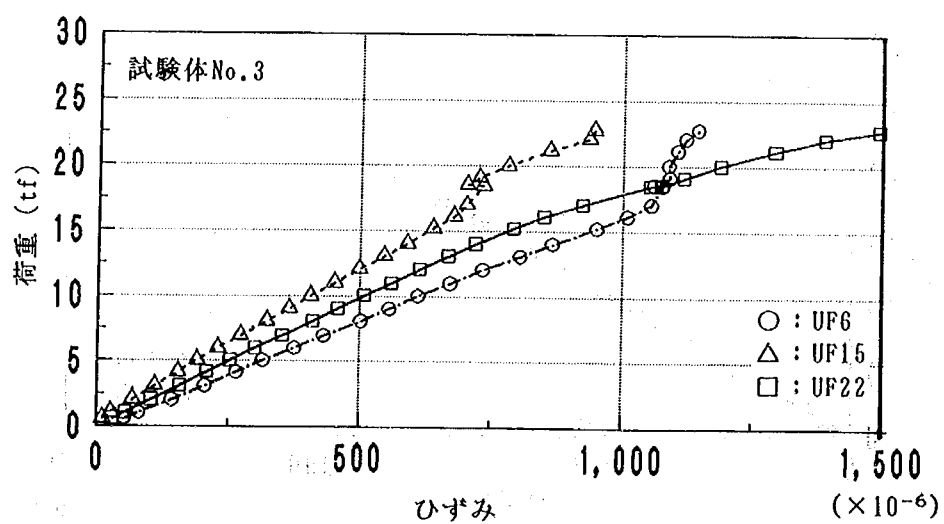
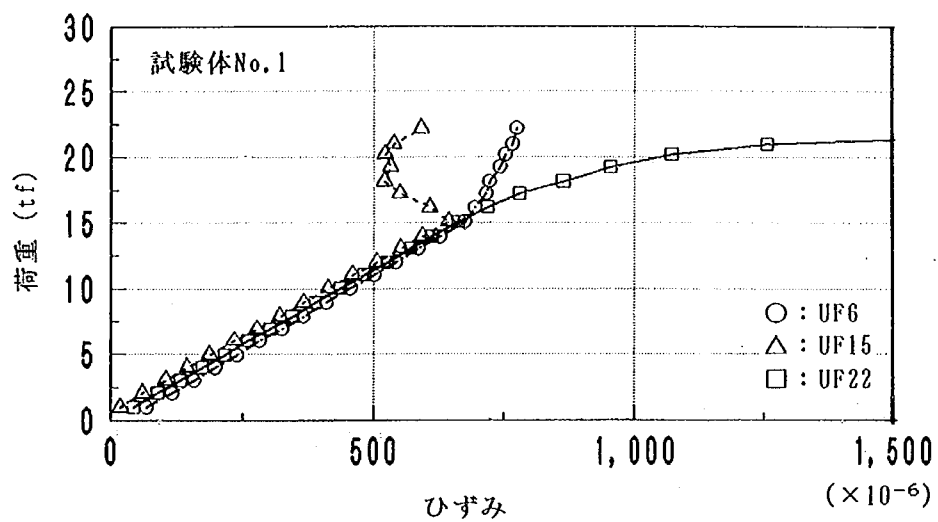
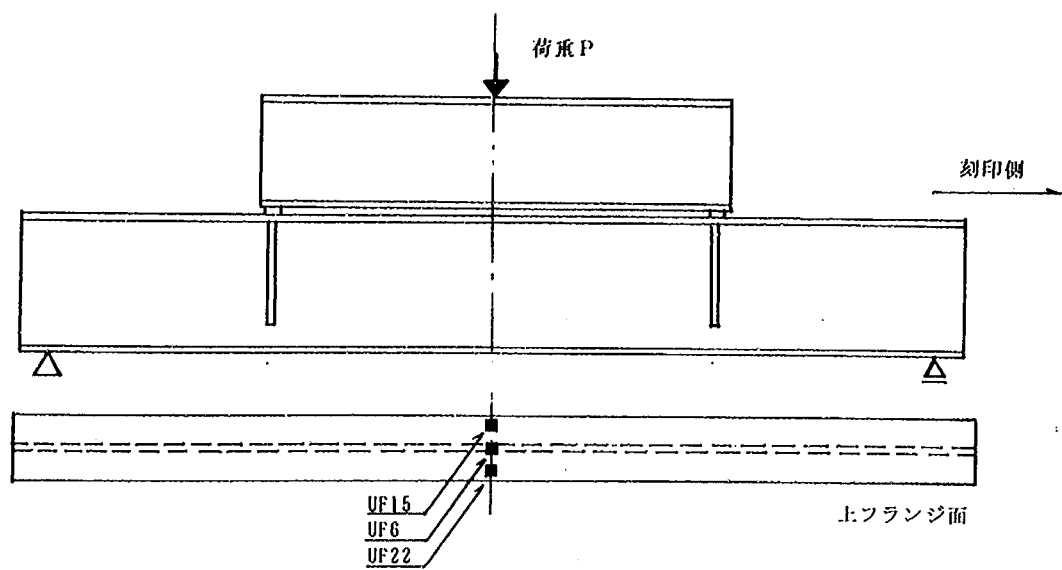


図-1.3.11 (a) 支間中央上フランジにおける荷重-ひずみの関係

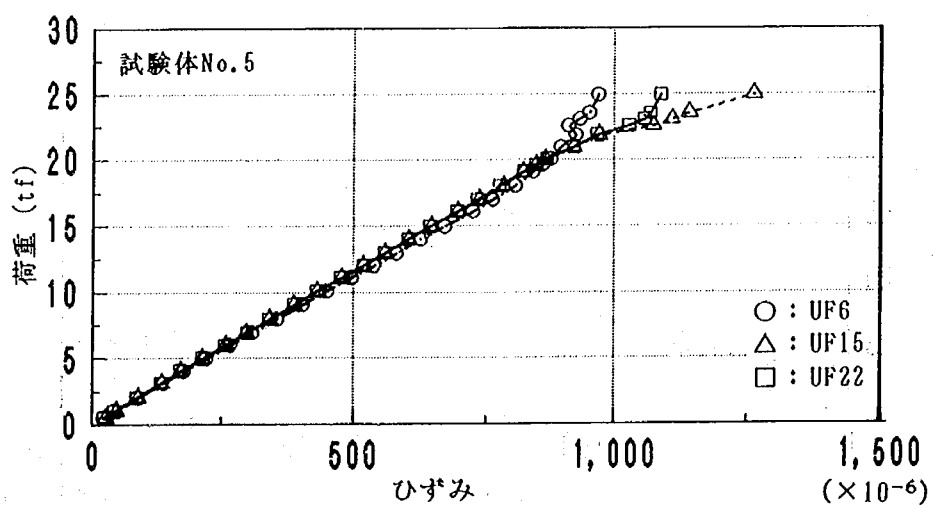
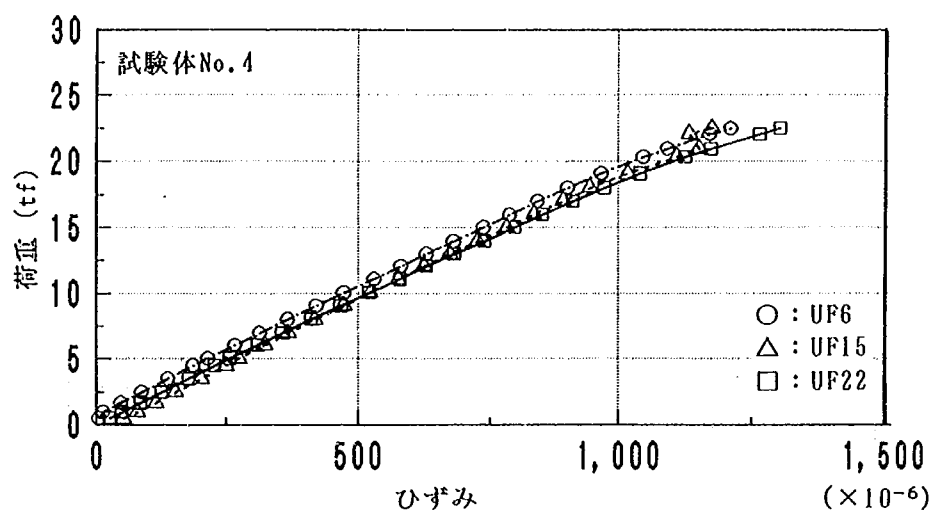
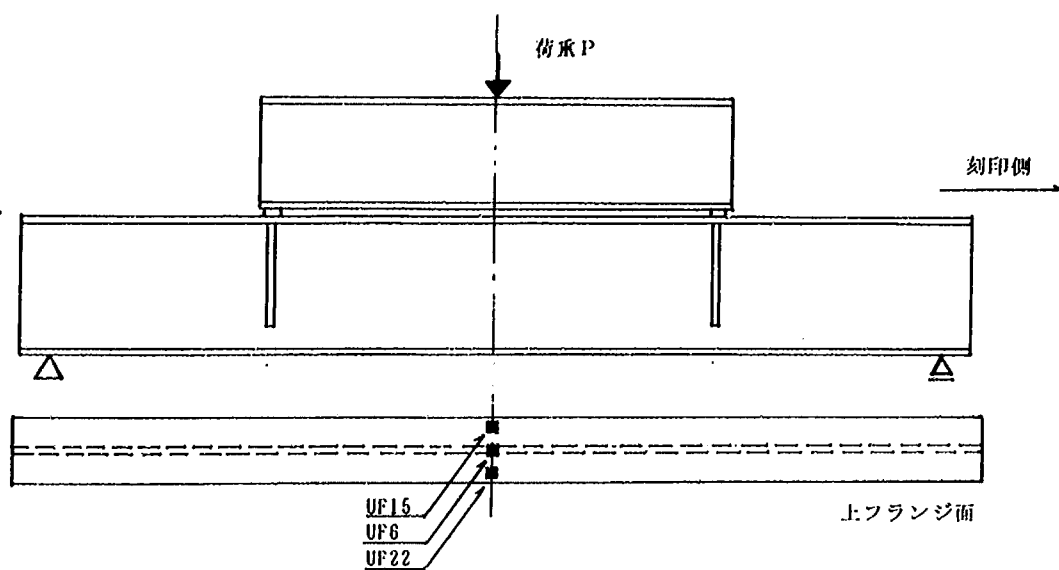


図-1.3.11 (b) 支間中央上フランジにおける荷重-ひずみの関係

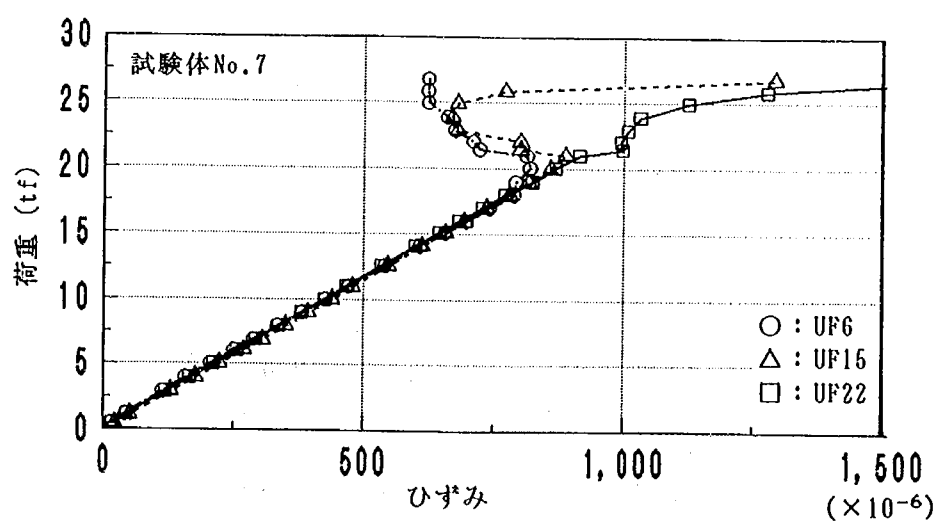
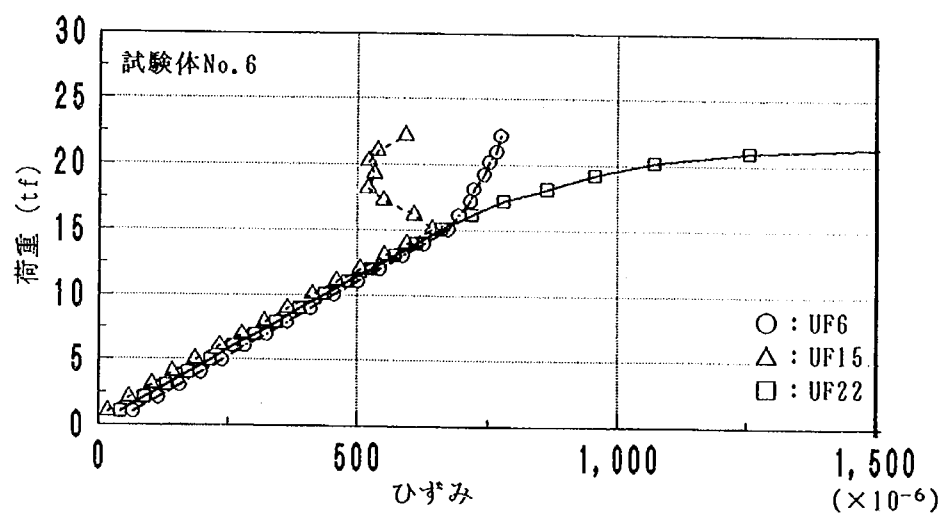
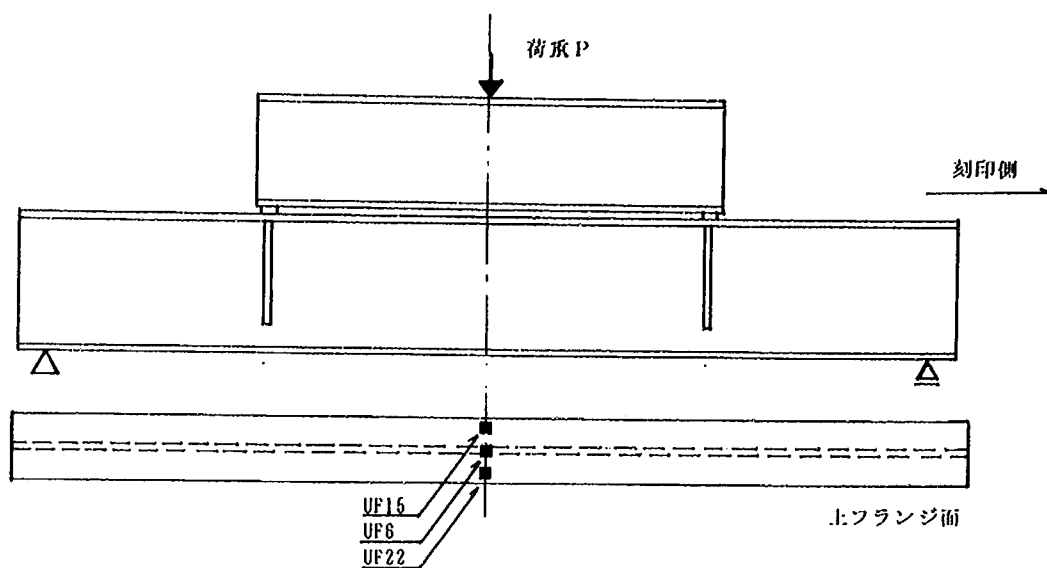


図-1.3.11 (c) 支間中央上フランジにおける荷重-ひずみの関係

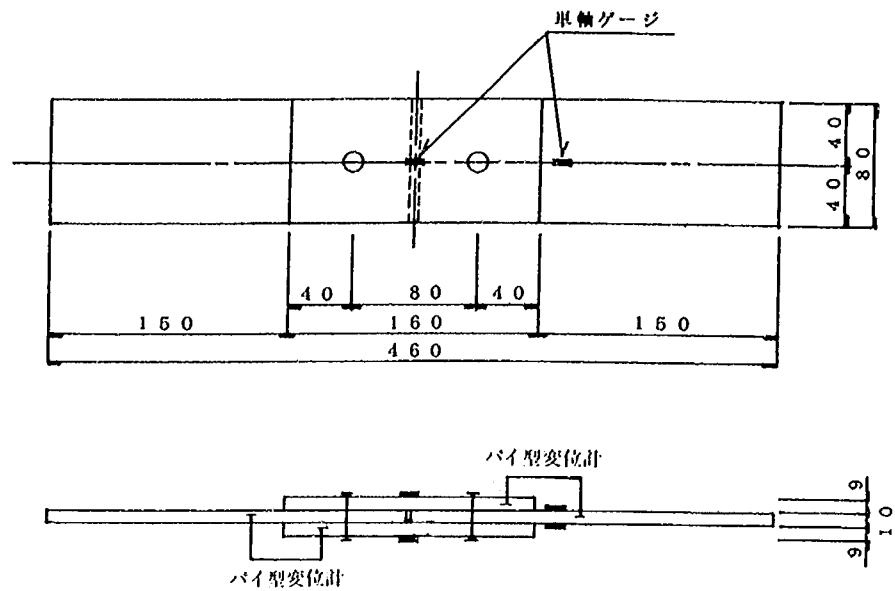


図-2.2.1 すべり試験体の寸法形状・ひずみゲージおよび変位測定位置

表-2.2.1 すべり試験体の接合条件一覧表

| 試験体<br>No. | 表面仕上げ         |               | 充填材<br>の有無 | 軸力<br>(tf) |
|------------|---------------|---------------|------------|------------|
|            | 主材            | 添接板           |            |            |
| A1-1       | ケレン           |               | 有り         | 22.5       |
| A1-2       |               |               |            |            |
| A1-3       |               |               | 無し         | 12.0       |
| A1-4       |               |               |            |            |
| A2-1       |               |               |            |            |
| A2-2       |               |               |            |            |
| B1-1       | ブラスト          | ブラスト<br>(新規材) | 有り         | 22.5       |
| B1-2       |               |               |            |            |
| B1-3       |               |               | 無し         | 12.0       |
| B1-4       |               |               |            |            |
| B2-1       |               |               |            |            |
| B2-2       |               |               |            |            |
| C1-1       | ブラスト<br>(新規材) |               | 有り         | 22.5       |
| C1-2       |               |               |            |            |
| C1-3       |               |               | 無し         | 12.0       |
| C1-4       |               |               |            |            |
| C2-1       |               |               |            |            |
| C2-2       |               |               |            |            |
| C2-3       |               |               |            |            |
| C2-4       |               |               |            |            |

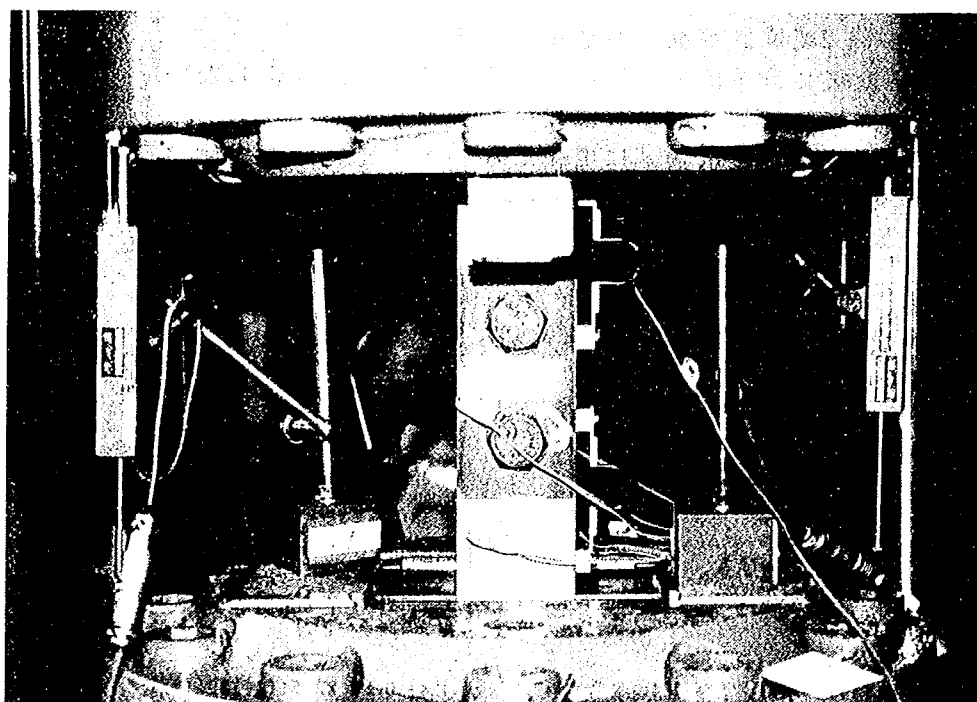
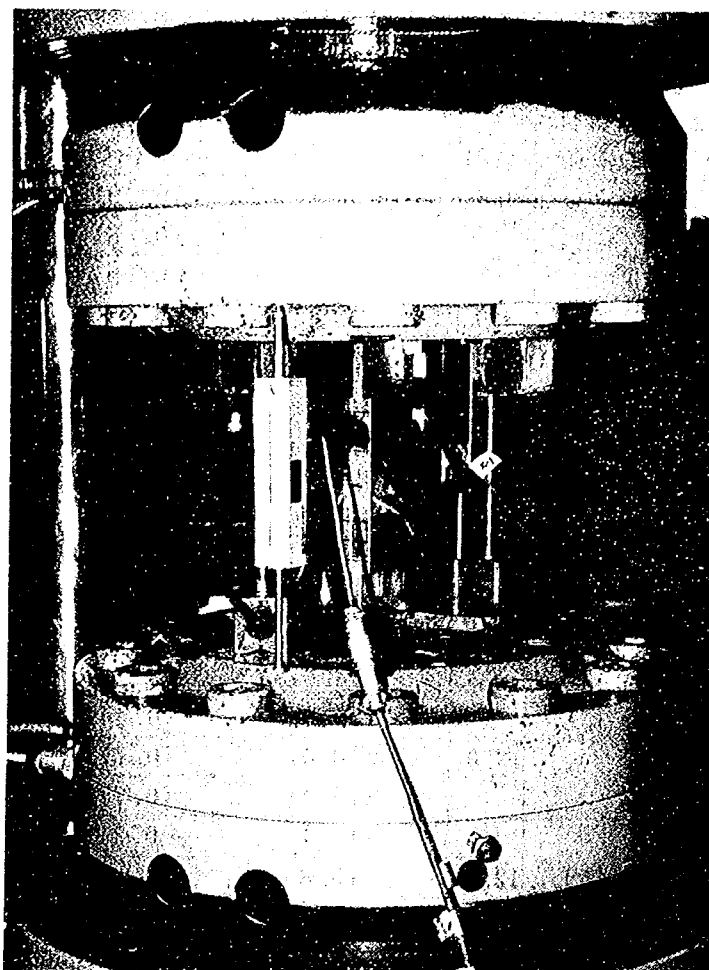


写真-2.2.1 板タイプ試験体のすべり試験の状況

表-2.2.2 試験結果

| 試験体<br>No. | 表面仕上げ         |               | 充填材<br>の有無 | 軸力<br>(tf) | すべり荷重(tf)<br>(降伏荷重) | すべり係数<br>(降伏に伴う<br>すべり係数) | 荷重—変位<br>の挙動 ※ |
|------------|---------------|---------------|------------|------------|---------------------|---------------------------|----------------|
|            | 主材            | 添接板           |            |            |                     |                           |                |
| A1-1       | ケレン           | フラスト<br>(新規材) | 有り         | 22.5       | (22.2)              | (0.49)                    | I、①            |
| A1-2       |               |               |            |            | (21.6)              | (0.48)                    | I、①            |
| A1-3       |               |               |            | 12.0       | 14.2                | 0.59                      | II、②           |
| A1-4       |               |               |            |            | 17.0                | 0.71                      | II、②           |
| A2-1       |               |               | 無し         |            | 10.2                | 0.43                      | II、②           |
| A2-2       |               |               |            |            | 7.6                 | 0.32                      | II、②           |
| B1-1       | フラスト          |               | 有り         | 22.5       | (28.4)              | (0.63)                    | I、①            |
| B1-2       |               |               |            |            | (27.4)              | (0.61)                    | I、③            |
| B1-3       |               |               |            |            | (25.8)              | (1.08)                    | II、①           |
| B1-4       |               |               |            |            | (26.3)              | (1.10)                    | I、①            |
| B2-1       |               | 無し            | 12.0       | 6.3        | 0.26                | II、②                      |                |
| B2-2       |               |               | 6.6        | 0.28       | II、②                |                           |                |
| C1-1       | フラスト<br>(新規材) | 有り            | 22.5       | (18.6)     | (0.41)              | I、①                       |                |
| C1-2       |               |               |            | (19.8)     | (0.44)              | I、③                       |                |
| C1-3       |               |               | 12.0       | (18.4)     | (0.77)              | I、③                       |                |
| C1-4       |               |               |            | (18.4)     | (0.77)              | I、③                       |                |
| C2-1       |               | 無し            | 12.0       | 14.1       | 0.31                | II、②                      |                |
| C2-2       |               |               |            | 13.8       | 0.31                | II、②                      |                |
| C2-3       |               |               |            | 8.4        | 0.35                | II、②                      |                |
| C2-4       |               |               |            | 8.2        | 0.34                | II、②                      |                |

※ 荷重-変位図における最初のピークまたはP- $\delta$ に対する挙動。

I :  $\pi 1$ 、 $\pi 2$ 変位計共にほぼ同じ挙動を示す

II :  $\pi 1$ 、 $\pi 2$ 変位計が異なる挙動を示す

① : ピーク直後に荷重は減少するが、変位は極端に変化しない

② : ピーク直後に荷重は減少し、変位は増大する

③ : ピーク直後に荷重は極端に変化しないが、変位は増大する

これらの挙動に対して、II、②の挙動を示した試験体(○印)をすべりが生じたものとし、その他の試験体はすべりが生ずる前に母材が降伏したものとした。

#### 参考 すべり荷重計算値(板厚10mm、降伏点 3600kgf/cm<sup>2</sup>)

母材断面積 : A

ボルト孔を考慮した場合

$$A = (8.0 - 2.0) \times 1.0 = 5.55(\text{cm}^2)$$

ボルト孔を考慮しない場合

$$A = 8.0 \times 1.0 = 8.00(\text{cm}^2)$$

母材の降伏荷重 :  $\sigma_{yb}$

ボルト孔を考慮した場合

$$\sigma_{yb} = 5.5 \times 3600 = 20.0(\text{tf})$$

ボルト孔を考慮しない場合

$$\sigma_{yb} = 8.00 \times 3600 = 28.8(\text{tf})$$

すべり荷重 : Ps

すべり係数 :  $\mu$

$\mu = 0.4$ の場合

$$Ps = 0.8 \times \Sigma N \quad (N : \text{軸力})$$

$\mu = 0.5$ の場合

$$Ps = 1.0 \times \Sigma N \quad (N : \text{軸力})$$

軸力22.5tf、 $\mu = 0.4$ の場合

$$Ps = 0.8 \times 22.5\text{tf} = 18.0(\text{tf})$$

軸力22.5tf、 $\mu = 0.5$ の場合

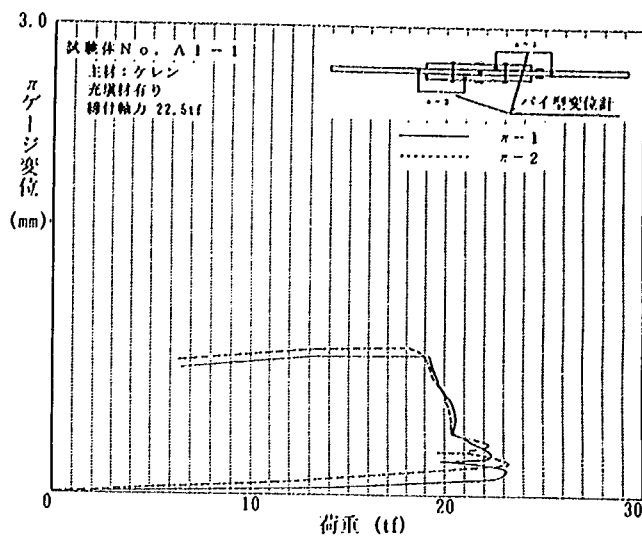
$$Ps = 1.0 \times 22.5\text{tf} = 22.5(\text{tf})$$

軸力12.0tf、 $\mu = 0.4$ の場合

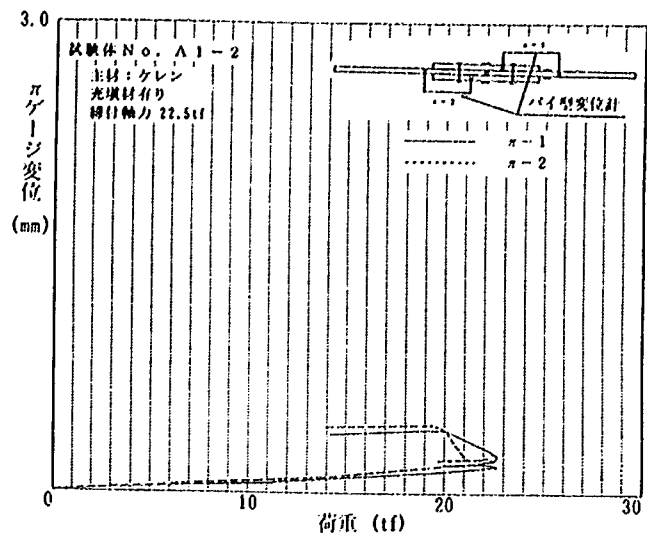
$$Ps = 0.8 \times 12.0\text{tf} = 9.6(\text{tf})$$

軸力12.0tf、 $\mu = 0.5$ の場合

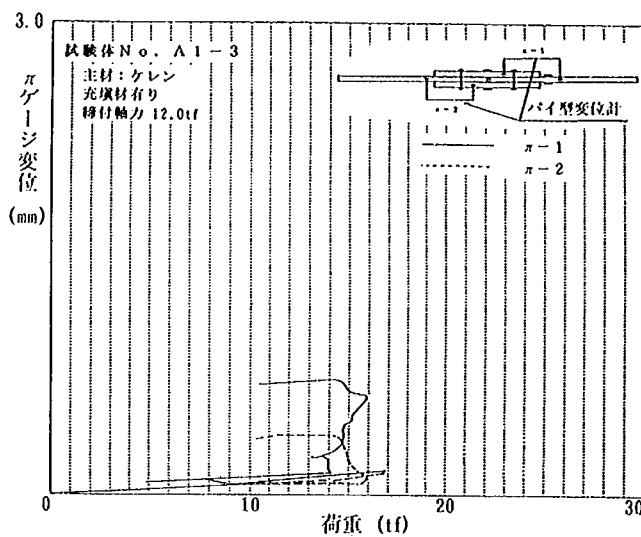
$$Ps = 1.0 \times 12.0\text{tf} = 12.0(\text{tf})$$



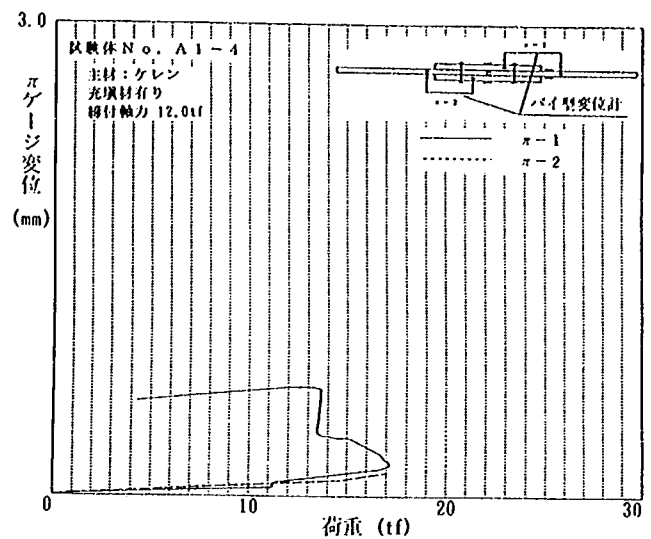
試験体 No. A1-1



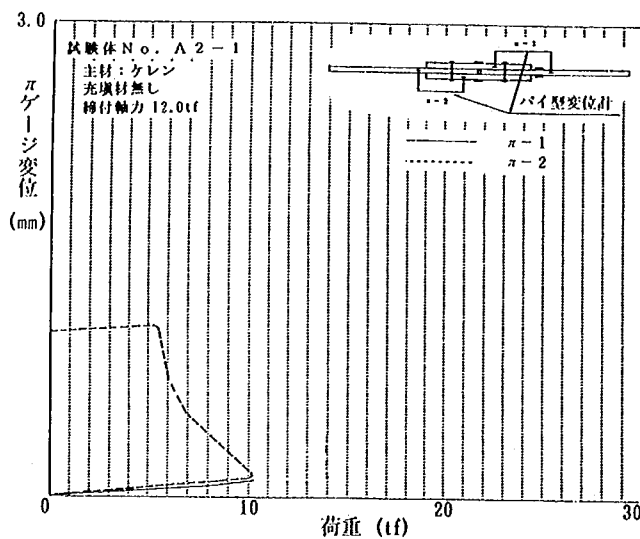
試験体 No. A1-2



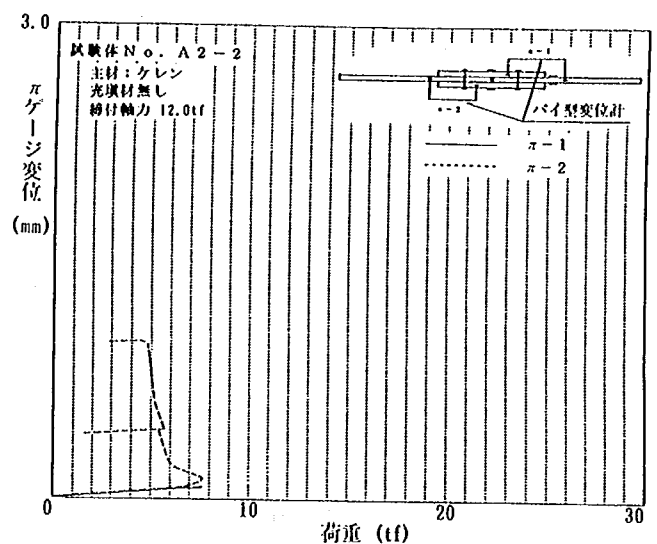
試験体 No. A1-3



試験体 No. A1-4

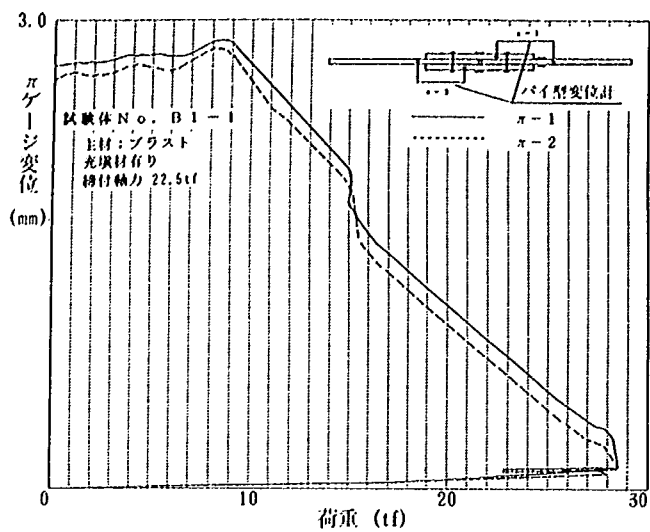


試験体 No. A2-1

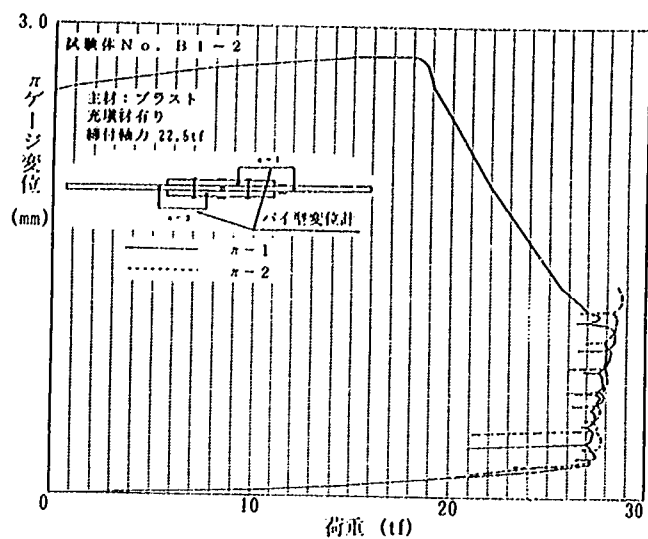


試験体 No. A2-2

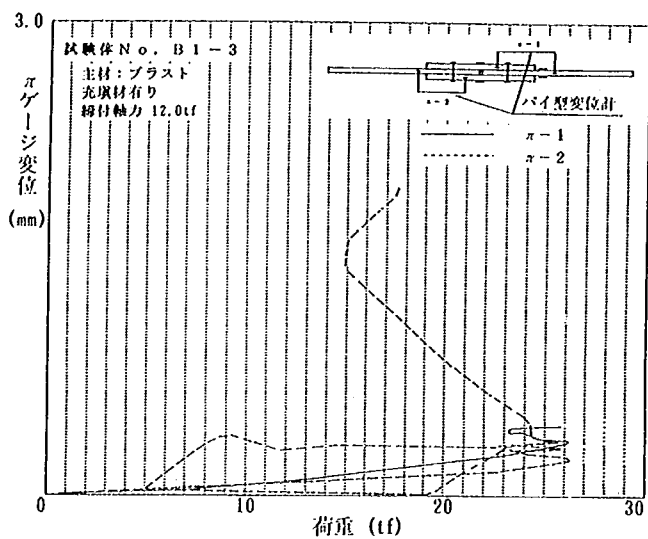
図-2.2.2(a) 荷重-ずれ量の関係



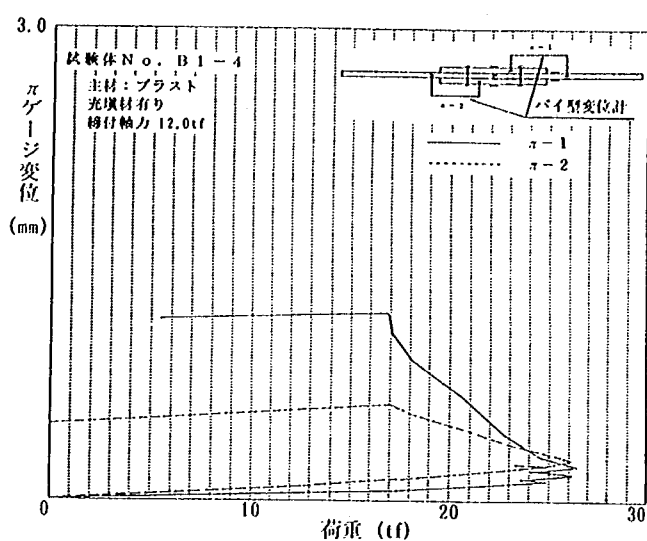
試験体 No. B1-1



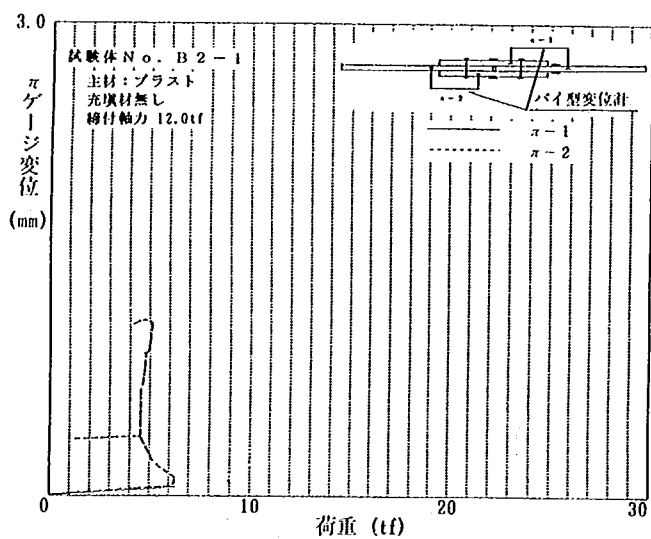
試験体 No. B1-2



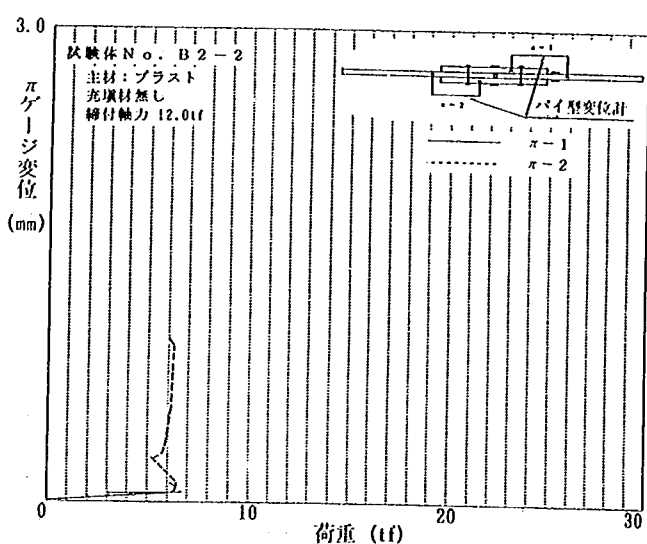
試験体 No. B1-3



試験体 No. B1-4

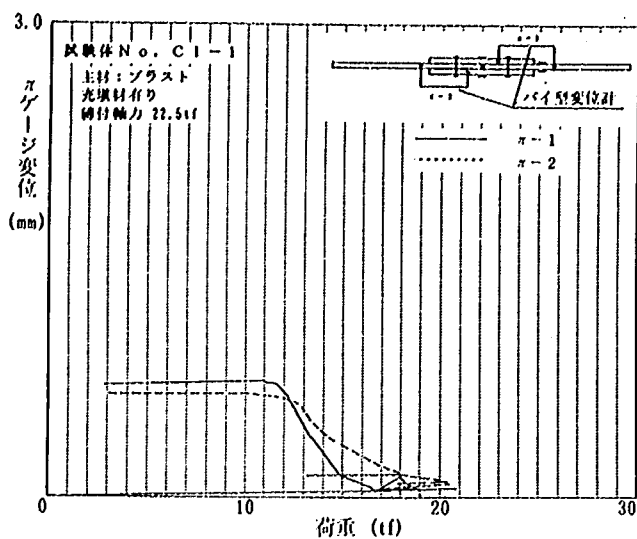


試験体 No. B2-1

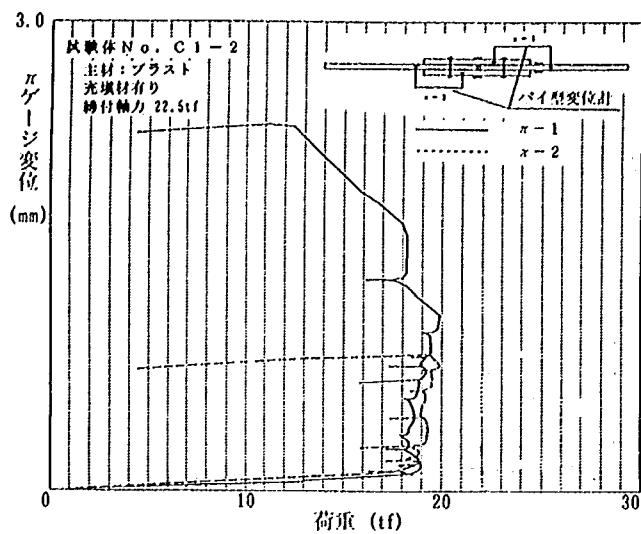


試験体 No. B2-2

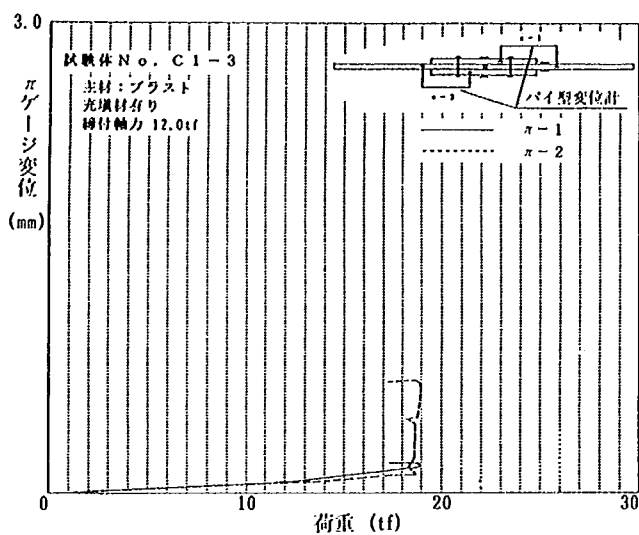
図-2.2.2(b) 荷重-ずれ量の関係



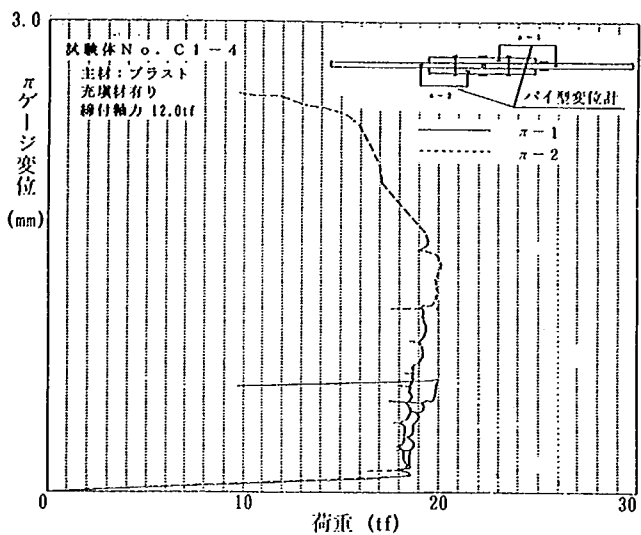
試験体 No.C1-1



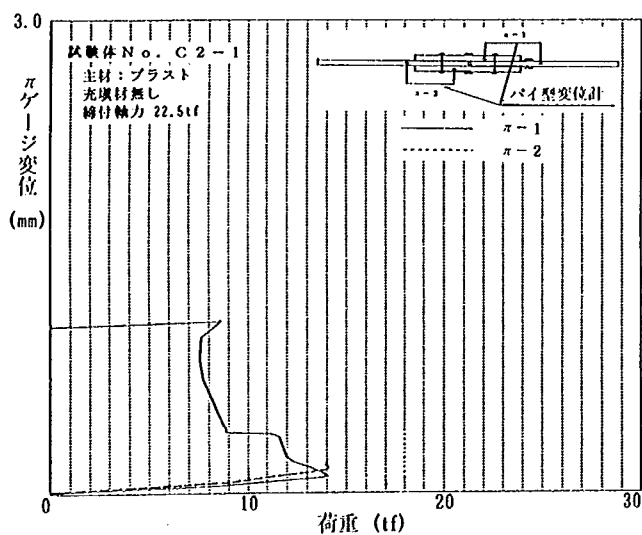
試験体 No.C1-2



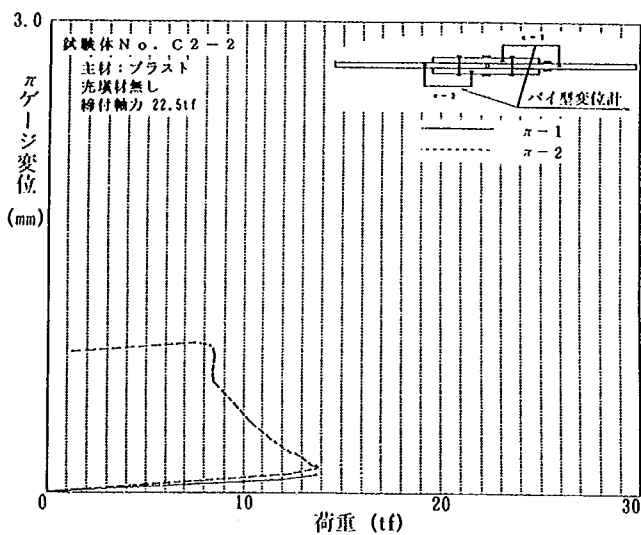
試験体 No.C1-3



試験体 No.C1-4

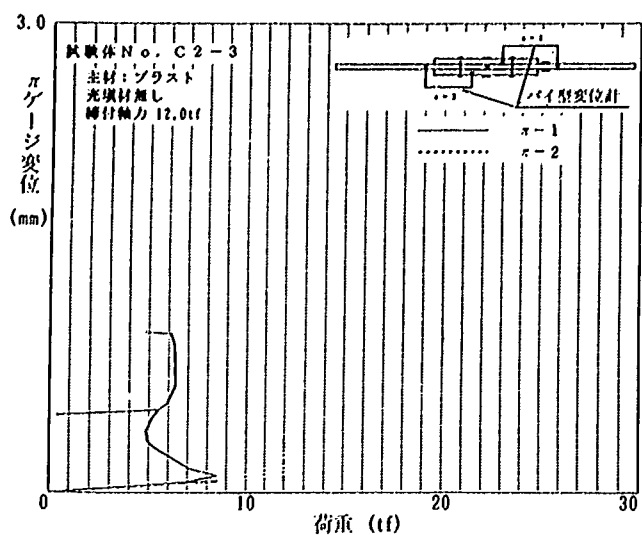


試験体 No.C2-1

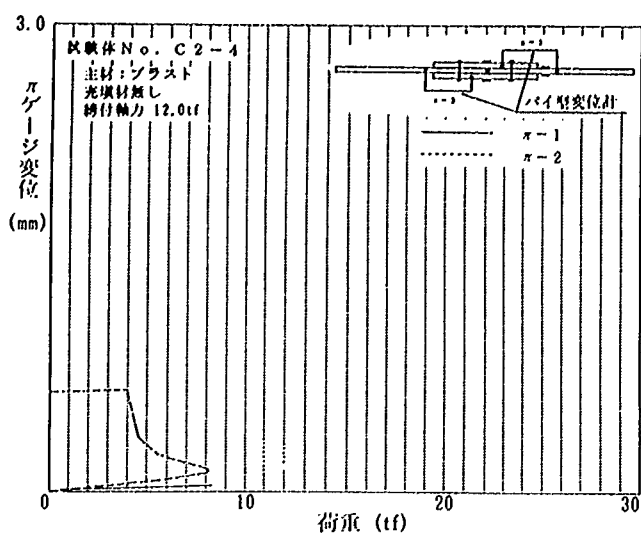


試験体 No.C2-2

図-2.2.2(c) 荷重-ずれ量の関係



試験体 No. C2-3



試験体 No. C2-4

図-2.2.2(d) 荷重—ずれ量の関係

すべり荷重 (tf)

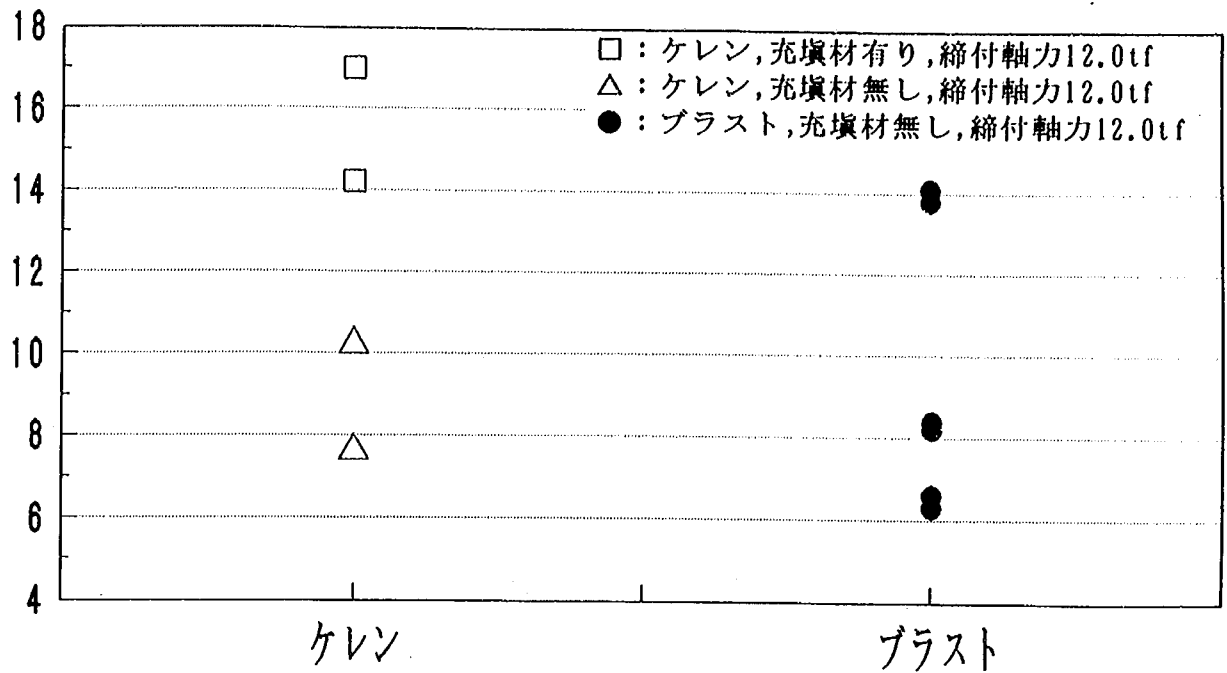


図-2.2.3 接合条件とすべり荷重との関係

すべり係数

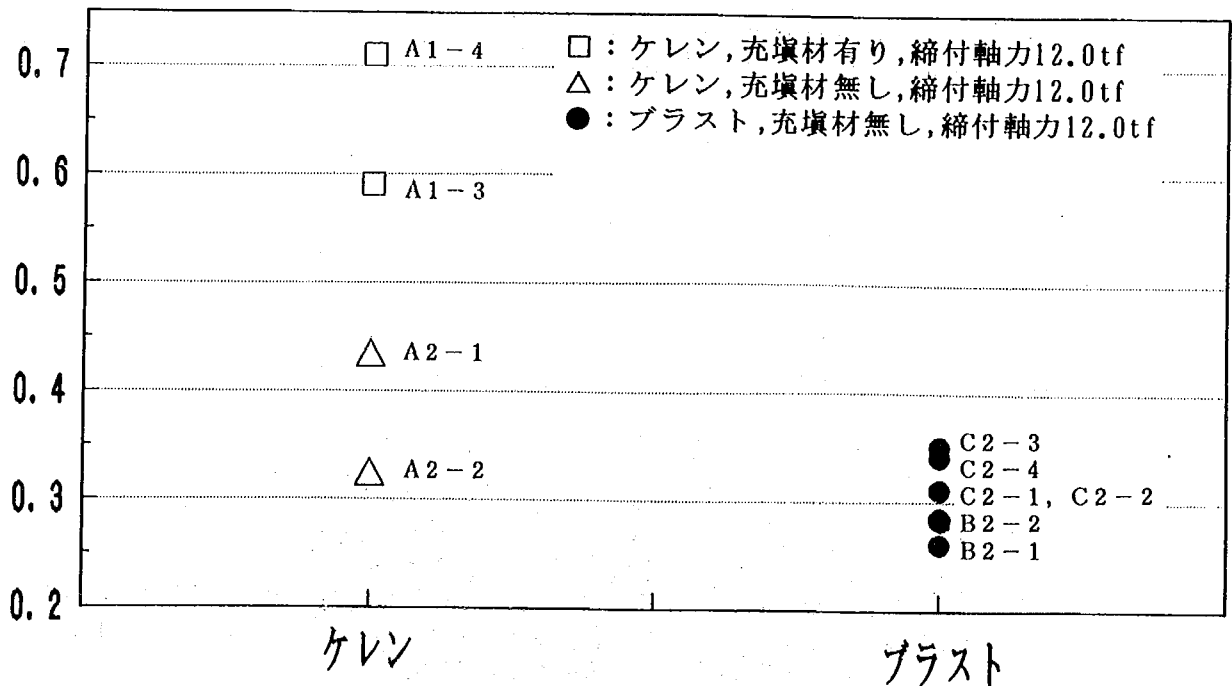
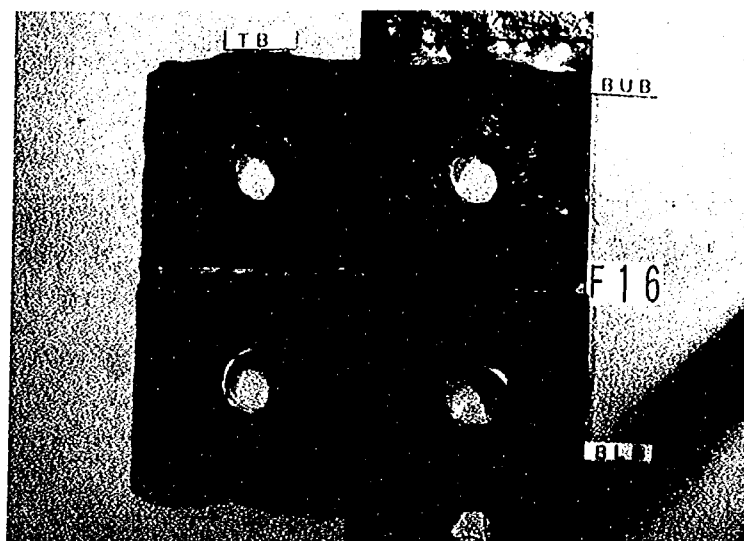
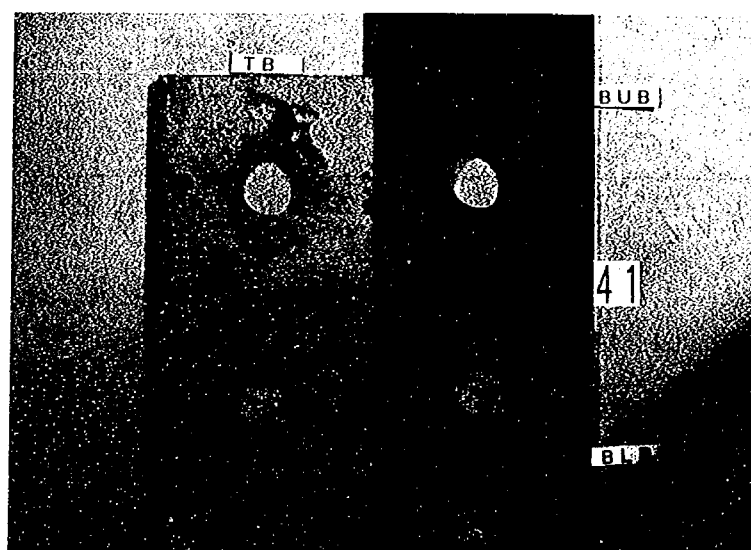


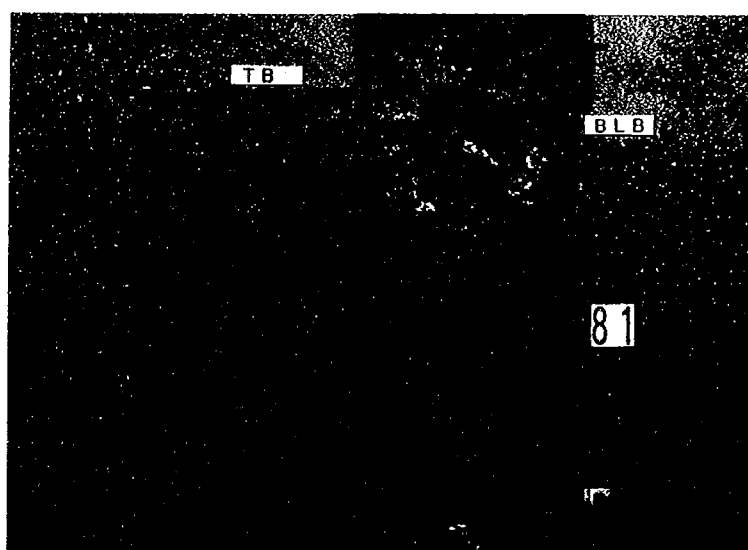
図-2.2.4 接合条件とすべり係数との関係



A1-4  
 ケレン  
 充填材有り  
 ボルト軸力 12.0tf  
 すべり係数 0.71



A2-2  
 ケレン  
 充填材無し  
 ボルト軸力 12.0tf  
 すべり係数 0.32



B2-2  
 ブラスト  
 充填材無し  
 ボルト軸力 12.0tf  
 すべり係数 0.28

写真-2.2.2 接合面の状況

車輪ゲージ

□：片面貼付

■：両面貼付

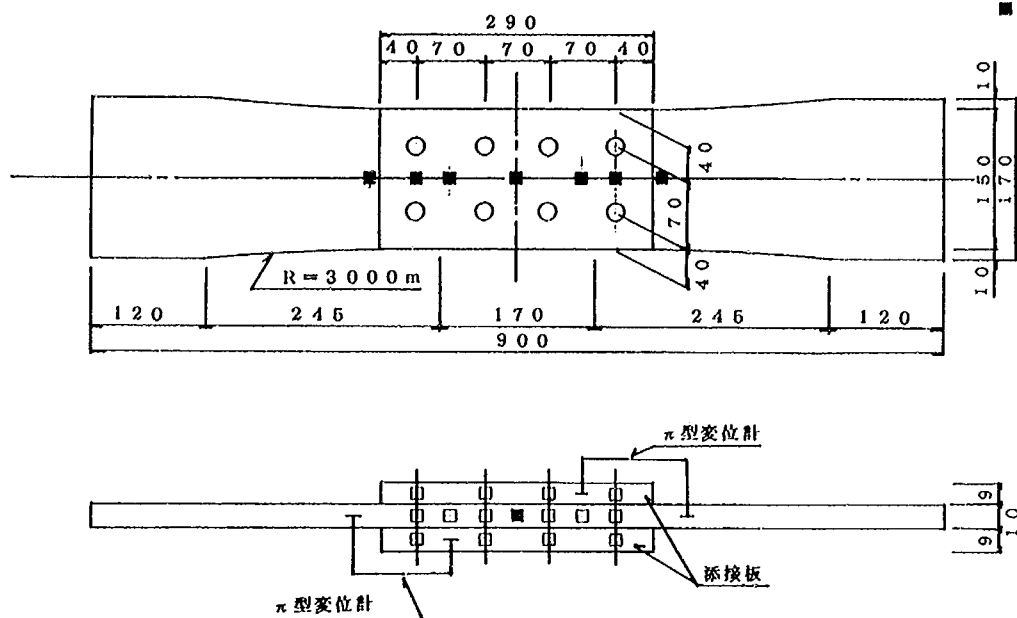


図-2.3.1 試験体の寸法形状およびひずみゲージ測定位置

表-2.3.1 試験体の接合条件一覧表

| 試験体<br>No. | 採取<br>位置 | 腐食状況 |    | 表面仕上 | 充填材 | 締付軸力<br>(tf) | 重量法<br>(mm) | レーザー<br>(mm) | ノギス<br>(mm) |
|------------|----------|------|----|------|-----|--------------|-------------|--------------|-------------|
|            |          | 表面   | 裏面 |      |     |              |             |              |             |
| B1-1       | S-WEB    | L    | M  | ケレン  | 有り  | 22.5         | 9.60        | —            | —           |
| B1-1       | N-WEB    | L    | S  |      |     |              | 9.93        | —            | —           |
| B1-3       | N-WEB    | M    | S  |      |     |              | 9.93        | —            | —           |
| B1-4       | E-Dia    | L    | S  |      |     | 10.0         | 10.04       | —            | —           |
| B1-5       | E-Dia    | L    | S  |      |     |              | 9.92        | —            | —           |
| B2-1       | N-WEB    | L    | S  | ケレン  | 無し  | 22.5         | 9.87        | —            | —           |
| B2-2       | S-WEB    | L    | M  |      |     | 10.0         | 9.51        | —            | —           |
| B2-3       | N-WEB    | M    | S  |      |     |              | 9.84        | —            | —           |
| C1-1       | S-WEB    | M    | M  | ブラスト | 有り  | 22.5         | 9.31        | 9.85         | —           |
| C1-2       | W-Dia    | L    | S  |      |     |              | 9.81        | 9.91         | —           |
| C1-3       | W-Dia    | L    | S  |      |     |              | 9.87        | 10.00        | —           |
| C1-4       | S-WEB    | L    | M  |      |     | 10.0         | 9.68        | 10.03        | —           |
| C1-5       | E-Dia    | M    | S  |      |     |              | 9.43        | 9.75         | —           |
| C2-1       | W-Dia    | L    | S  | ブラスト | 無し  | 22.5         | 9.82        | 9.99         | —           |
| C2-2       | W-Dia    | M    | S  |      |     |              | 9.82        | 10.00        | —           |
| C2-3       | N-WEB    | L    | S  |      |     | 10.0         | 9.77        | 9.99         | —           |
| C2-4       | E-Dia    | L    | S  |      |     |              | 9.38        | 9.82         | —           |
| D1-1       | 新規材      | —    | —  | ブラスト | 有り  | 22.5         | —           | —            | 10.0        |
| D1-2       |          | —    | —  |      |     |              | —           | —            | 10.0        |
| D1-3       |          | —    | —  |      |     | 10.0         | —           | —            | 10.0        |
| D1-4       |          | —    | —  |      |     |              | —           | —            | 10.0        |
| D2-1       | 新規材      | —    | —  | ブラスト | 無し  | 10.0         | —           | —            | 10.0        |
| D2-2       |          | —    | —  |      |     |              | —           | —            | 10.0        |

・添接板の表面仕上げはすべてブラスト処理を行っている。

・腐食状況は目視より凹凸大-L、凹凸中-M、凹凸小-Sとしている。

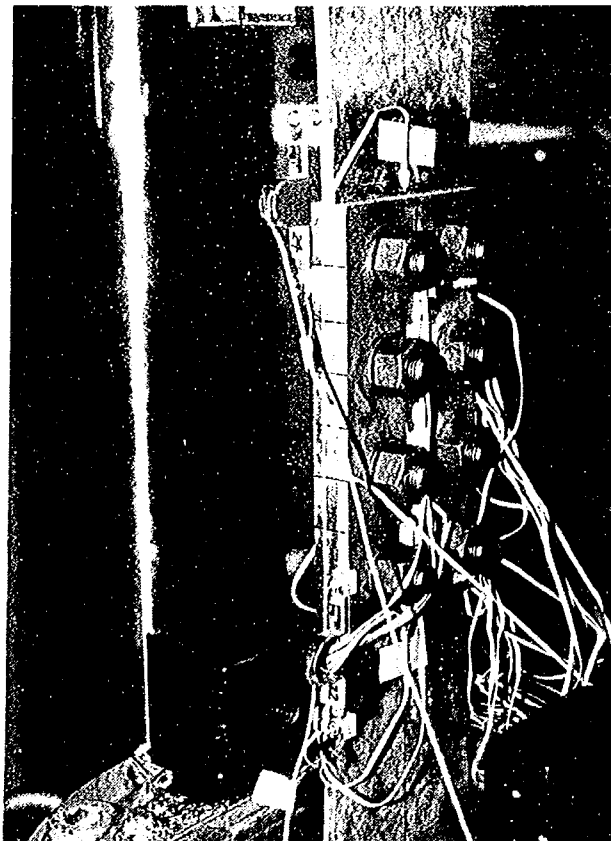
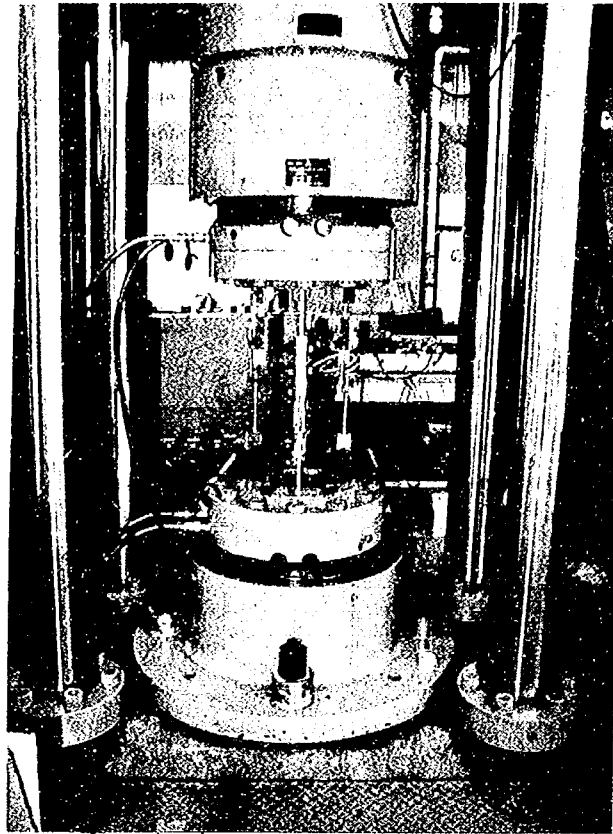


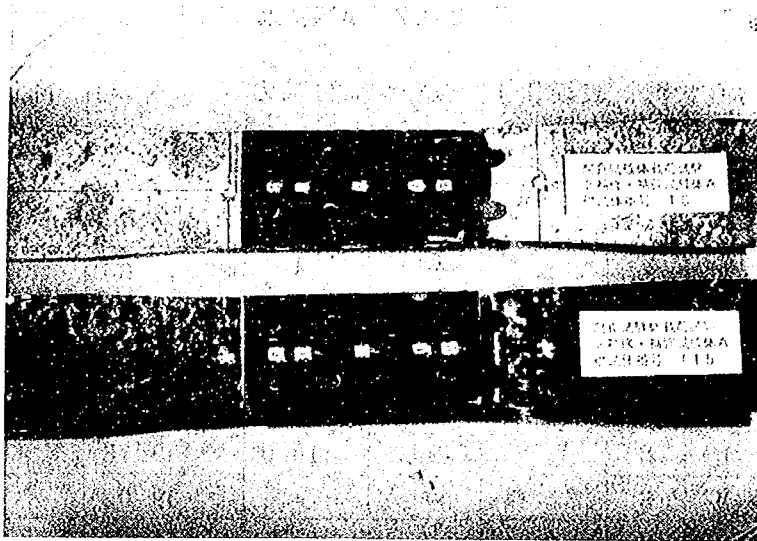
写真-2.3.1 添接板補強試験体の引張試験の状況

表-2.3.2 試験結果

| 試験体<br>No. | 採取<br>位置 | 腐食状況 |    | 表面仕上 | 充填材   | 締付軸力<br>(tf) | 降伏荷重<br>(tf) | 降伏時<br>変位(mm) | 最大引張<br>荷重(tf) |
|------------|----------|------|----|------|-------|--------------|--------------|---------------|----------------|
|            |          | 表面   | 裏面 |      |       |              |              |               |                |
| B1-1       | 南側ウェブ*   | L    | M  | ケレン  | 有り    | 22.5         | 44.36        | 2.54          | 51.33          |
| B1-2       | 北側ウェブ*   | L    | S  |      |       |              | 44.83        | 1.80          | 51.83          |
| B1-3       |          | M    | S  |      |       |              | 44.66        | 2.07          | 52.66          |
| B1-4       | 東側タイヤ    | L    | S  |      |       | 10.0         | 44.22        | 1.82          | 51.91          |
| B1-5       | フラム      | L    | S  |      |       |              | 42.18        | 2.17          | 52.01          |
| B2-1       | 北側ウェブ*   | L    | S  | ケレン  | 無し    | 22.5         | 39.73        | 1.80          | 48.91          |
| B2-2       | 南側ウェブ*   | L    | M  |      |       | 10.0         | 39.78        | 1.99          | 47.70          |
| B2-3       | 北側ウェブ*   | M    | S  |      |       |              | 39.02        | 1.73          | 48.52          |
| C1-1       | 南側ウェブ*   | M    | M  | ブラスト | 有り    | 22.5         | 51.01        | 2.56          | 51.76          |
| C1-2       | 西側タイヤ    | L    | S  |      |       |              | 51.53        | 2.03          | 51.53          |
| C1-3       |          | フラム  | L  |      |       |              | S            | 49.95         | 2.08           |
| C1-4       | 南側ウェブ*   | L    | M  |      |       | 10.0         | 52.52        | 3.66          | 53.04          |
| C1-5       | 東側タイヤ    | M    | S  |      |       |              | 53.47        | 2.62          | 53.47          |
| C2-1       | 西側タイヤ    | L    | S  | ブラスト | 無し    | 22.5         | 41.75        | 1.56          | 48.81          |
| C2-2       | フラム      | M    | S  |      |       |              | 41.16        | 1.59          | 49.24          |
| C2-3       | 北側ウェブ*   | L    | S  |      |       | 10.0         | 37.75        | 1.75          | 48.13          |
| C2-4       | 東側タイヤ    | L    | S  |      |       |              | 40.33        | 2.07          | 48.50          |
| D1-1       | 新規材      | —    | —  | ブラスト | 有り    | 22.5         | 34.07        | 1.58          | 42.01          |
| D1-2       |          | —    | —  |      |       |              | 35.26        | 1.70          | 42.03          |
| D1-3       |          | —    | —  |      | 10.0  | 46.70        | 3.33         | 50.50         |                |
| D1-4       |          | —    | —  |      |       | —            | —            | 17.00         |                |
| D2-1       |          | —    | —  | 無し   | 26.82 | 1.29         | 40.65        |               |                |
| D2-2       |          | —    | —  |      | 26.94 | 1.15         | 40.48        |               |                |

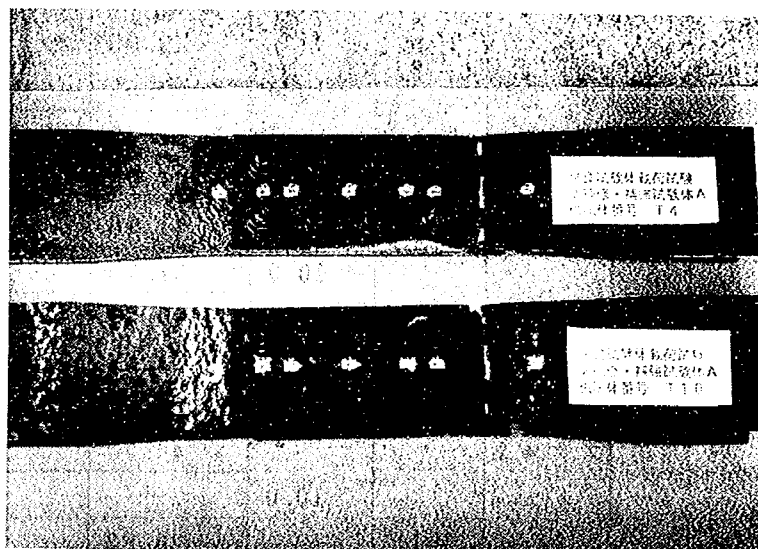
注1) “—” はデータ不明。

注2) 添接板の接合面はすべてブラスト処理を施している。



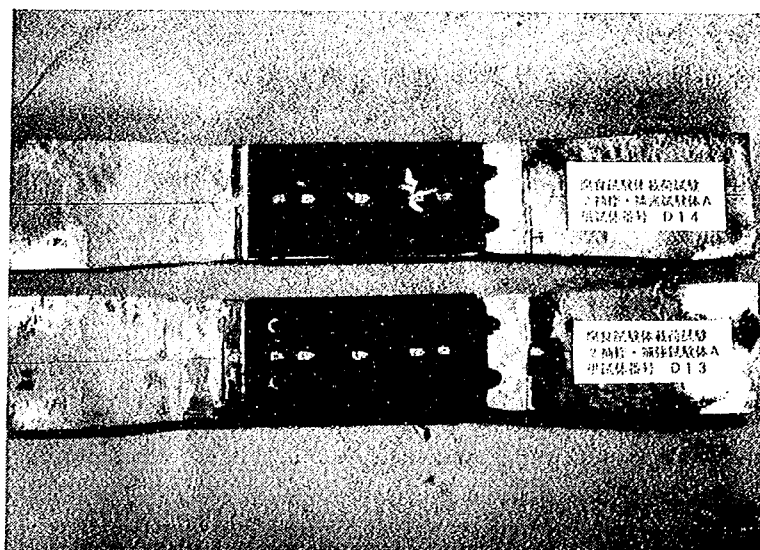
C2-3

B1-4



B2-2

B2-3



D1-4

D1-3

写真-2.3.2 試験体の破断状況

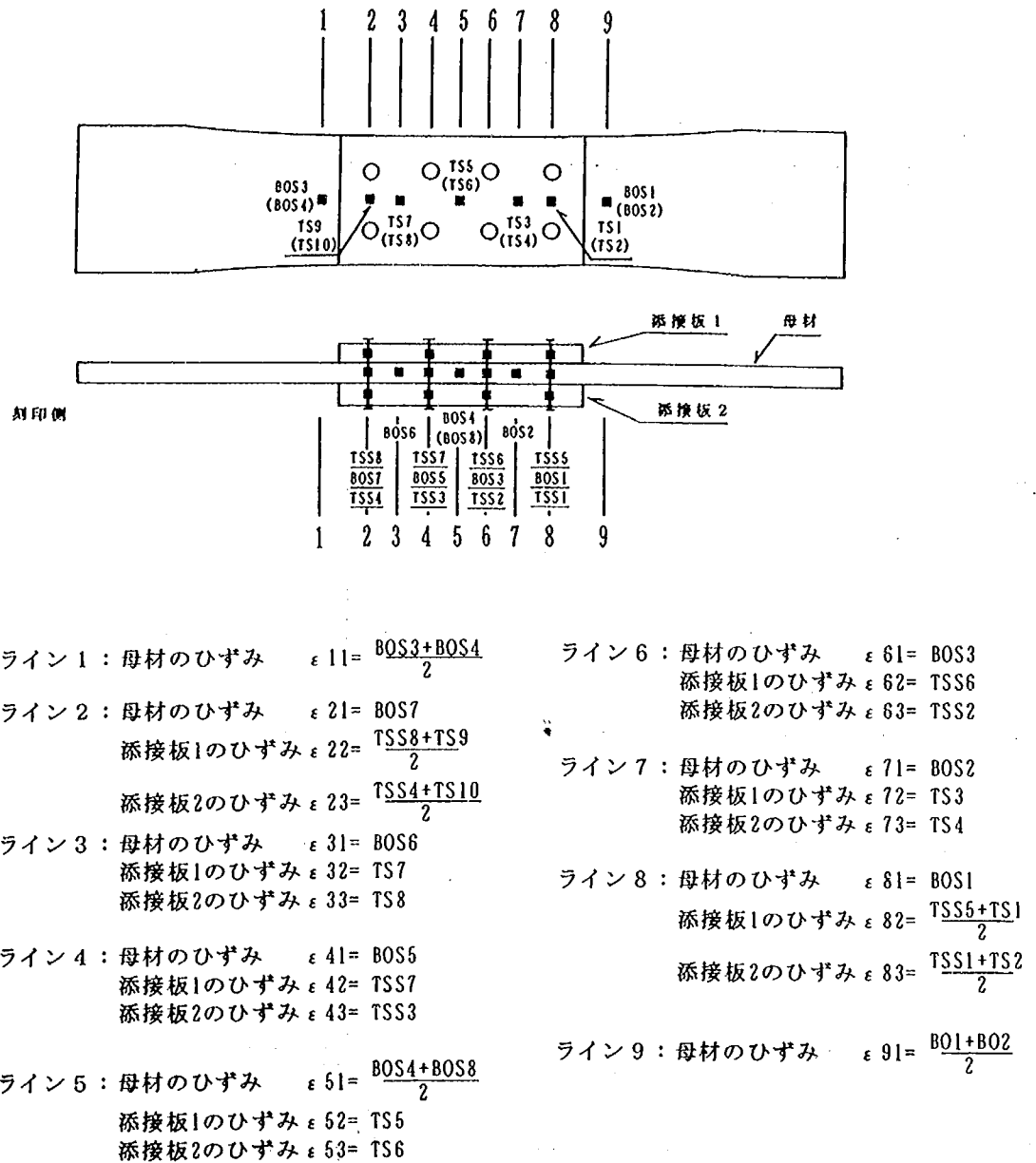
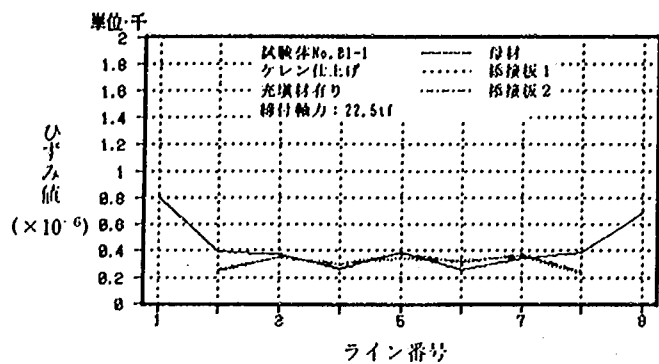
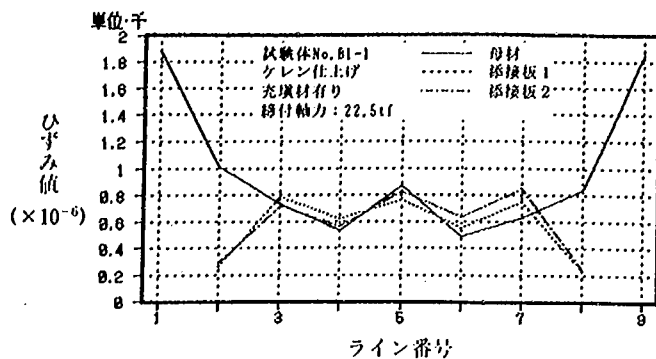


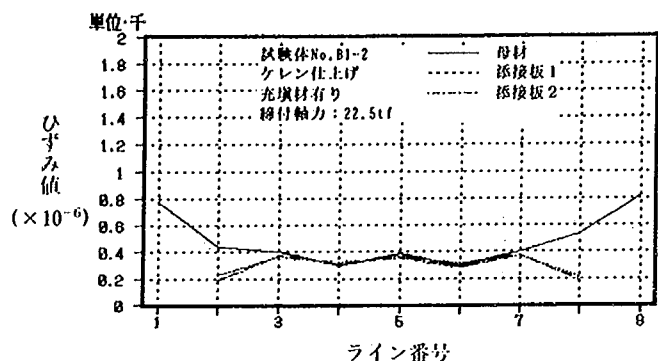
図-2.3.2 各断面のひずみの計算方法



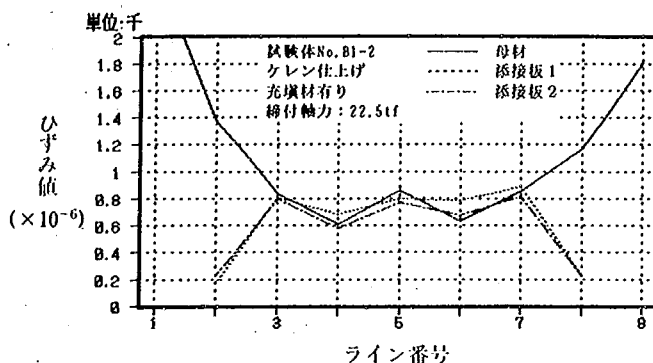
試験体 No.B1-1 (20.0tf 時)



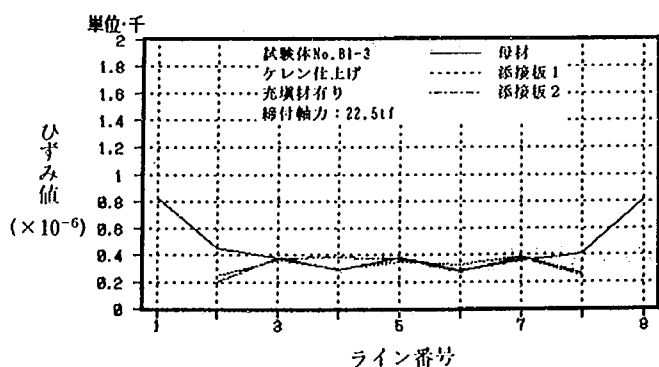
試験体 No.B1-1 (39.9tf 時)



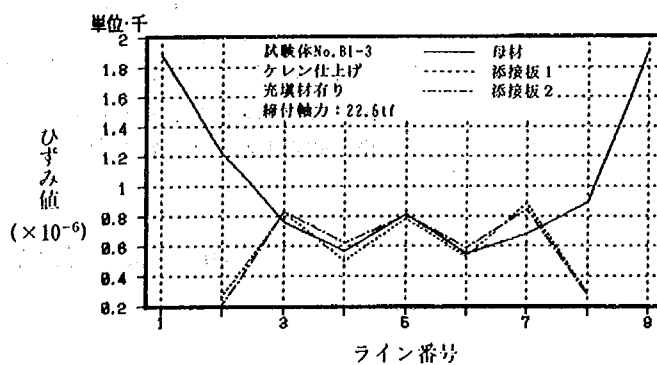
試験体 No.B1-2 (19.9tf 時)



試験体 No.B1-2 (40.0tf 時)

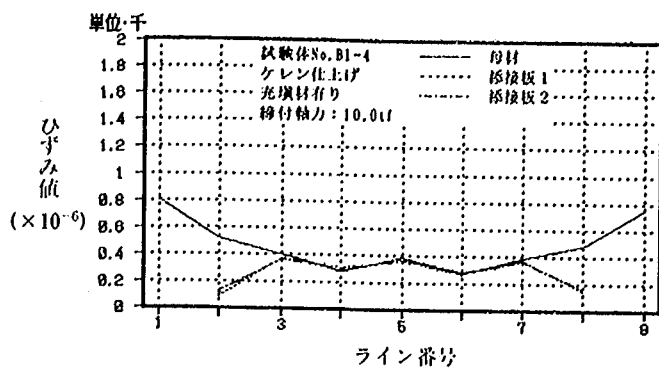


試験体 No.B1-3 (20.0tf 時)

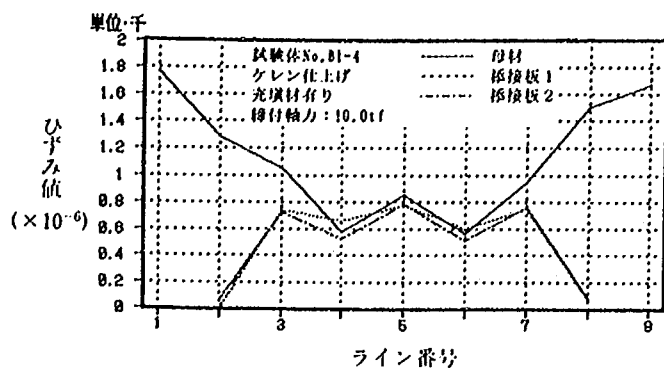


試験体 No.B1-3 (39.8tf 時)

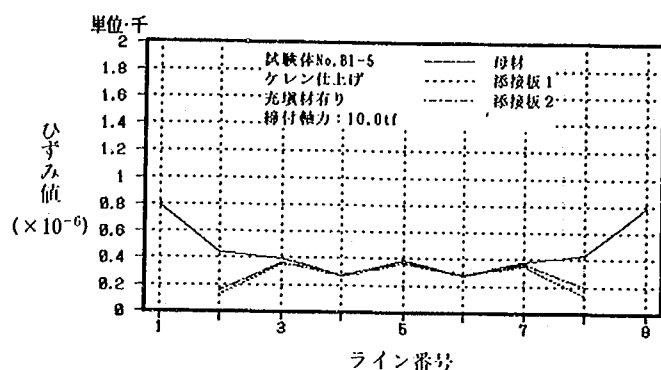
図-2.3.3(a) 添接板補強試験体の各断面におけるひずみ



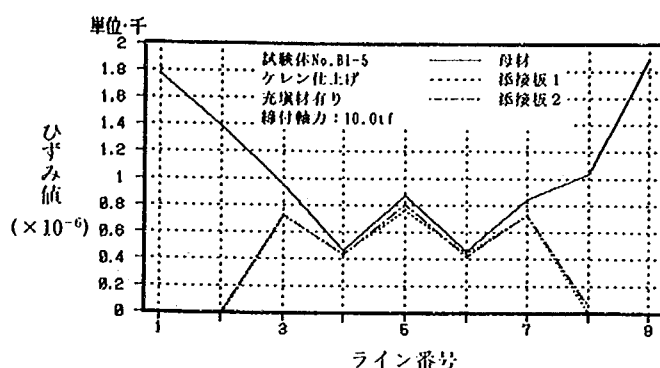
試験体 No. B1-4 (20.0tf 時)



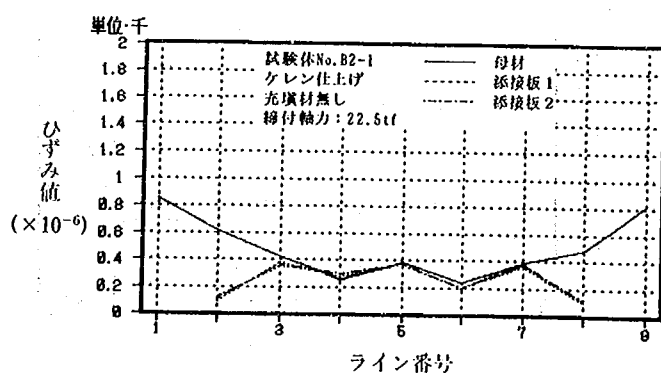
試験体 No. B1-4 (39.9tf 時)



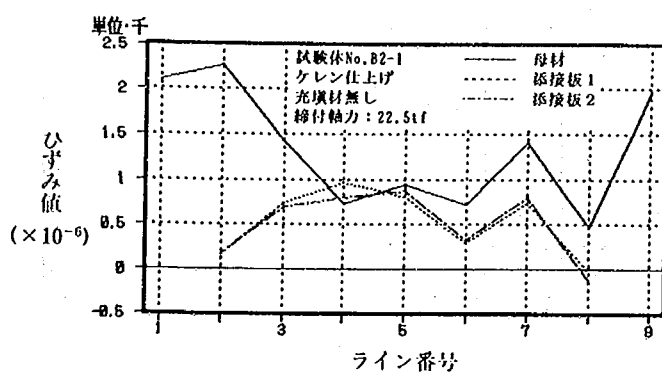
試験体 No. B1-5 (20.1tf 時)



試験体 No. B1-5 (40.0tf 時)

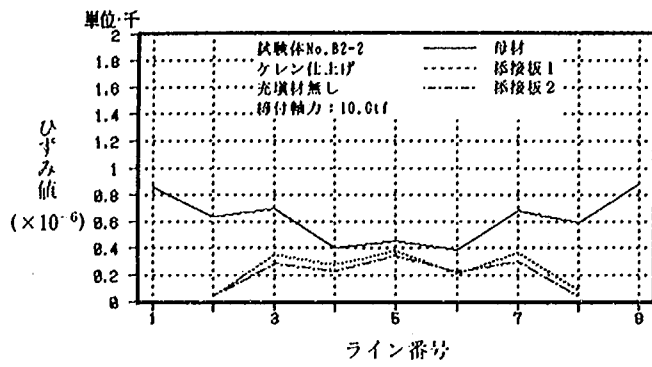


試験体 No. B2-1 (19.8tf 時)

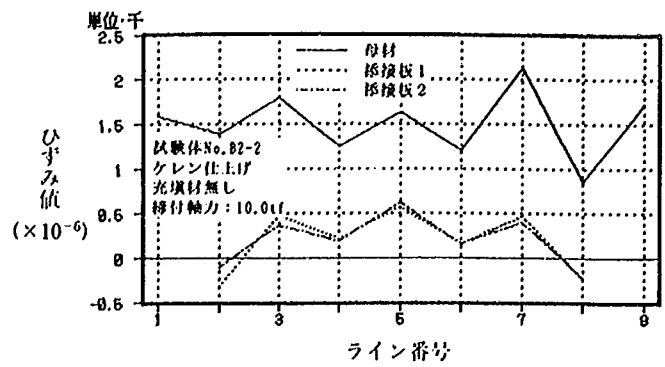


試験体 No. B2-1 (40.3tf 時)

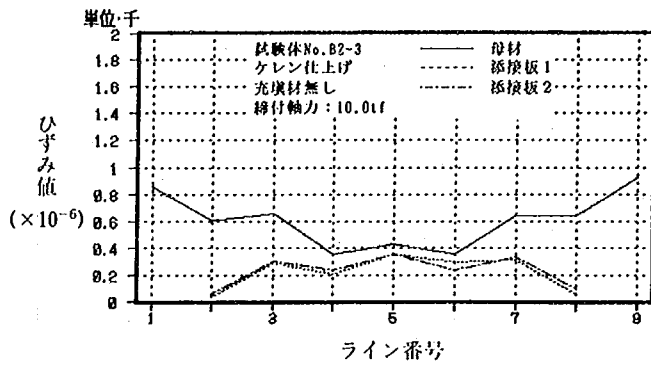
図-2.3.3(b) 添接板補強試験体の各断面におけるひずみ



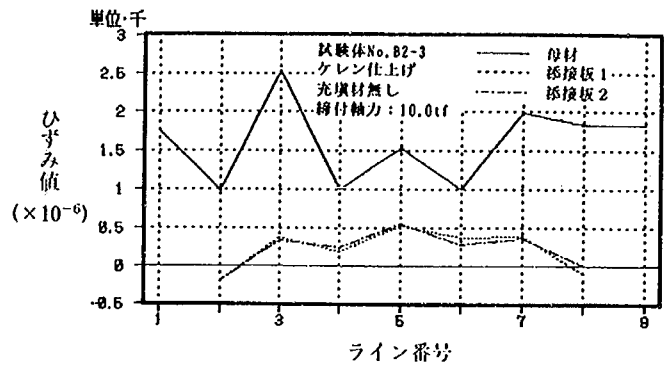
試験体 No. B2-2 (20.2tf 時)



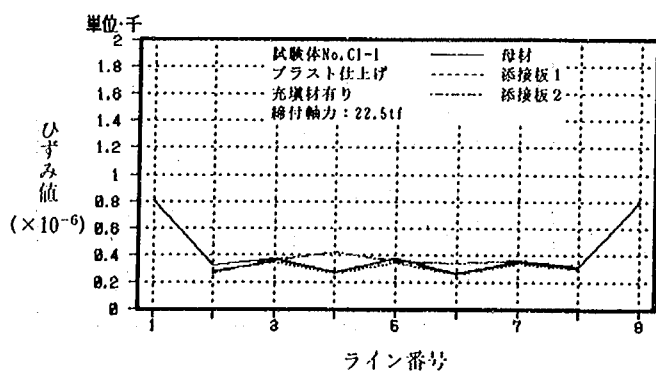
試験体 No. B2-2 (39.9tf 時)



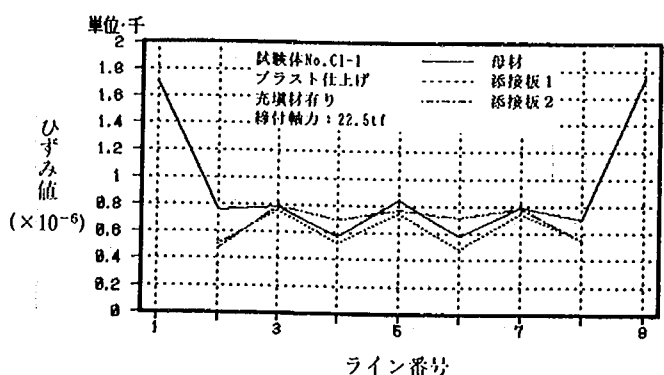
試験体 No. B2-3 (20.0tf 時)



試験体 No. B2-3 (39.0tf 時)

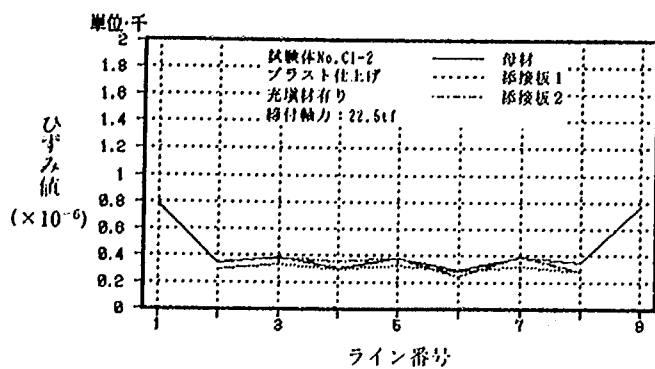


試験体 No. C1-1 (19.8tf 時)

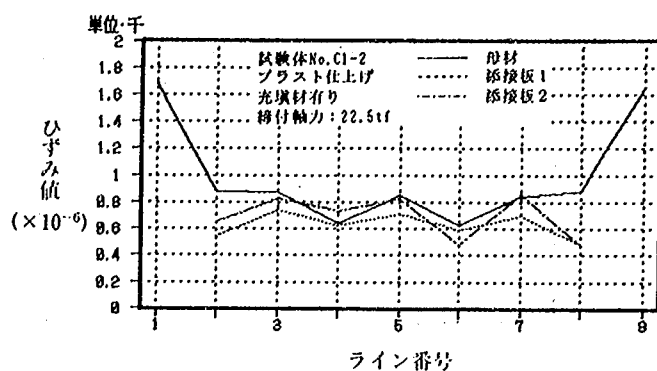


試験体 No. C1-1 (39.8tf 時)

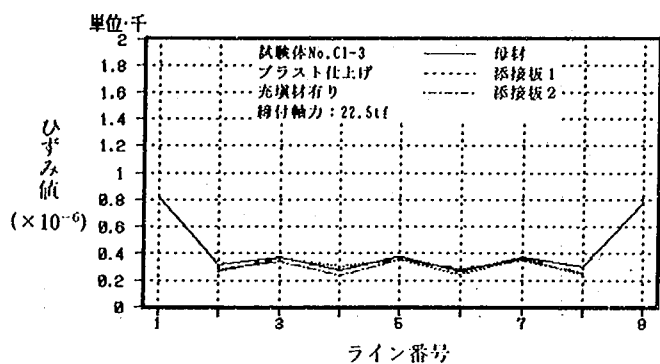
図-2.3.3(c) 添接板補強試験体の各断面におけるひずみ



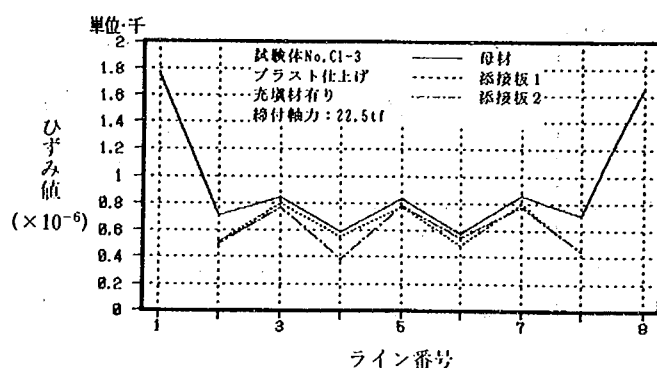
試験体 No. C1-2 (20.0tf 時)



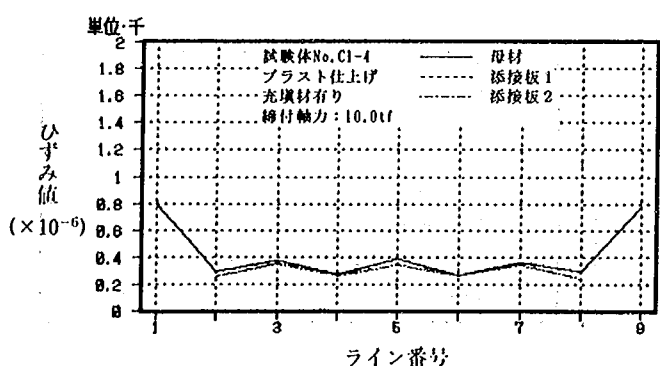
試験体 No. C1-2 (40.1tf 時)



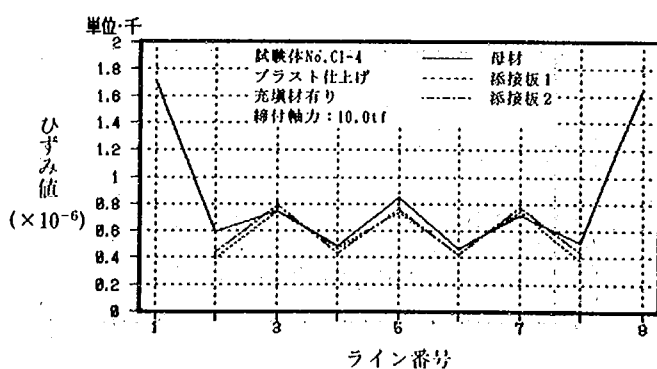
試験体 No. C1-3 (19.8tf 時)



試験体 No. C1-3 (39.9tf 時)

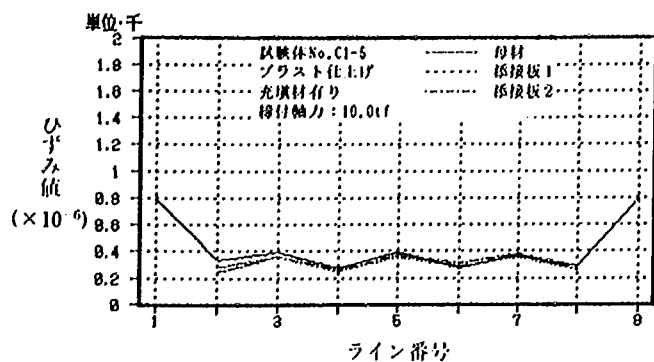


試験体 No. C1-4 (20.1tf 時)

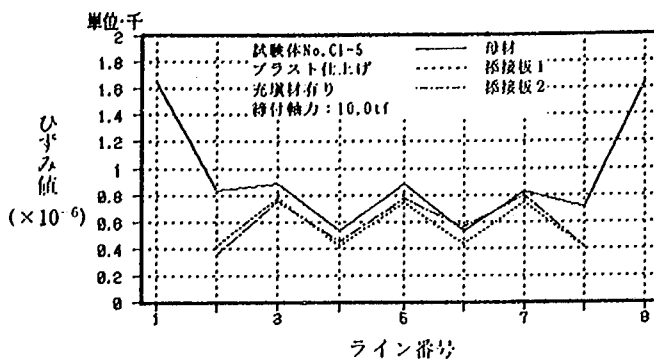


試験体 No. C1-4 (40.0tf 時)

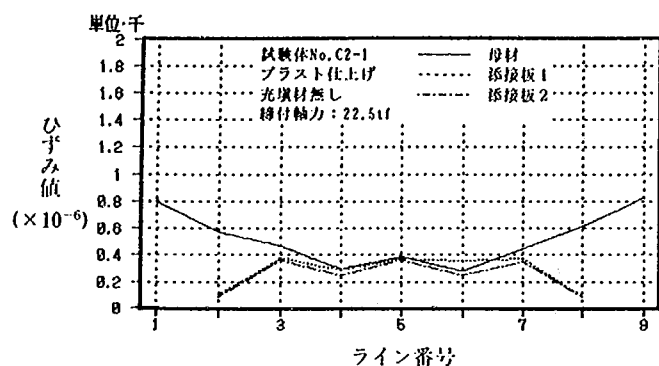
図-2.3.3(d) 添接板補強試験体の各断面におけるひずみ



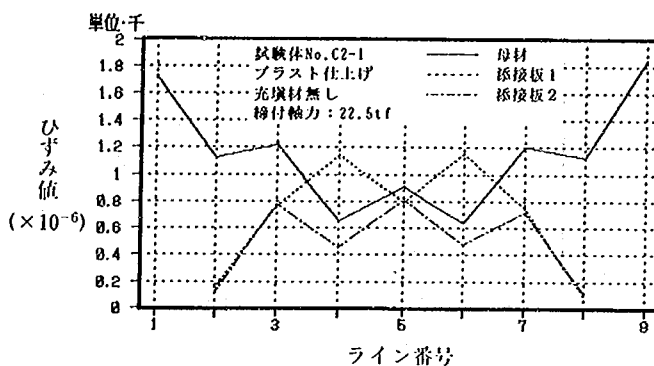
試験体 No.C1-5(20.1tf 時)



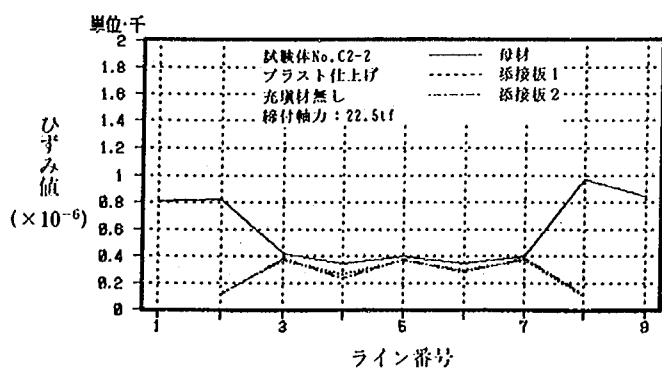
試験体 No.C1-5 (40.0tf 時)



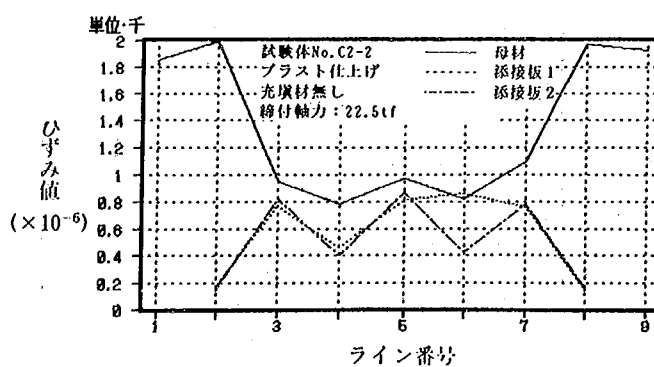
試験体 No.C2-1 (19.8tf 時)



試験体 No.C2-1 (39.9tf 時)

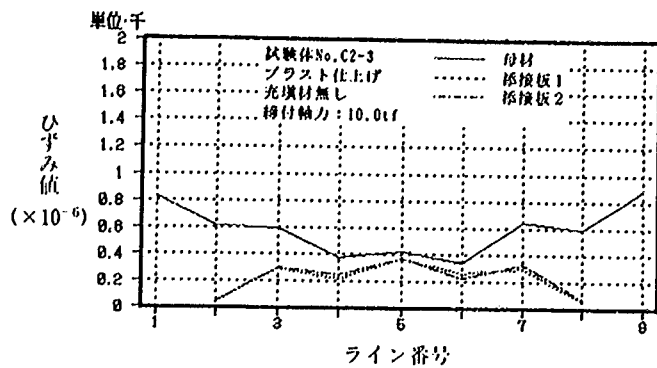


試験体 No.C2-2 (19.9tf 時)

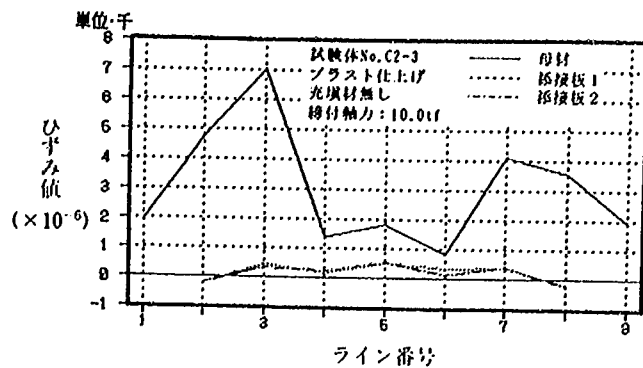


試験体 No.C2-2 (39.9tf 時)

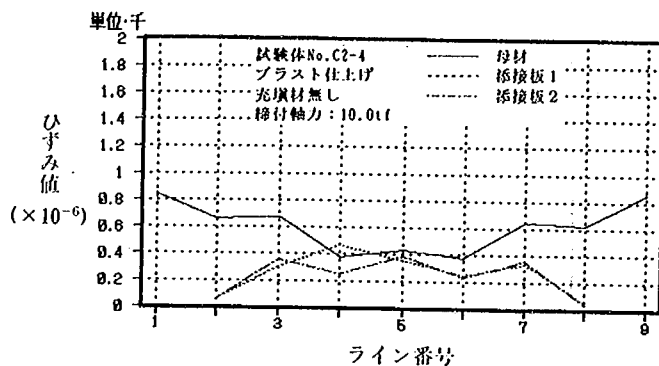
図-2.3.3(e) 添接板補強試験体の各断面におけるひずみ



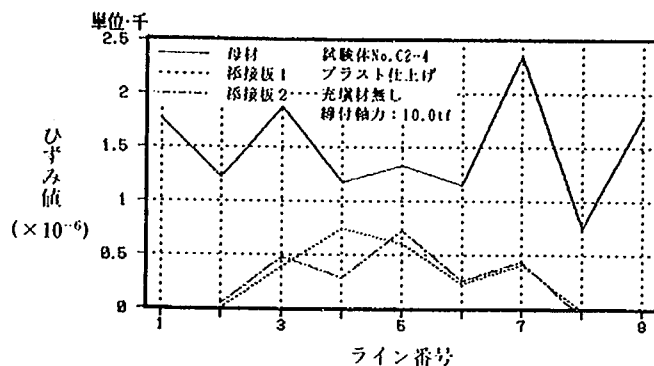
試験体 No. C2-3 (20.1tf 時)



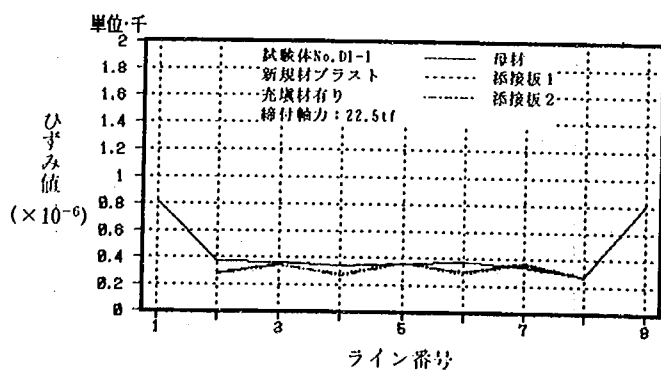
試験体 No. C2-3 (40.3tf 時)



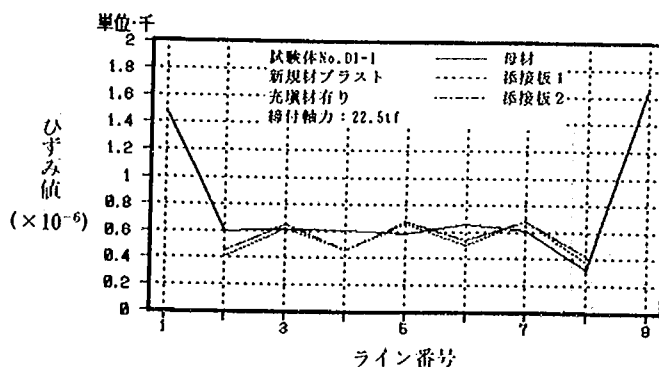
試験体 No. C2-4 (20.0tf 時)



試験体 No. C2-4 (39.9tf 時)

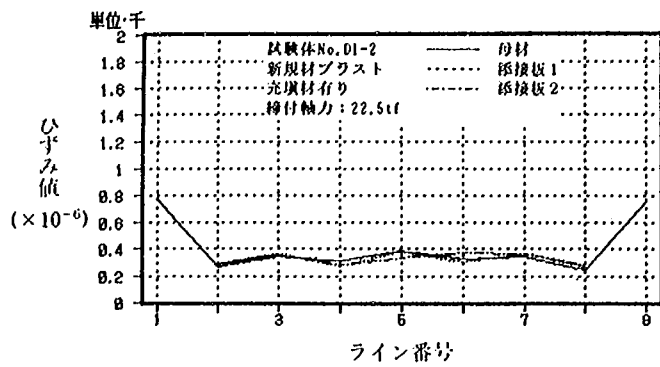


試験体 No. D1-1 (20.1tf 時)

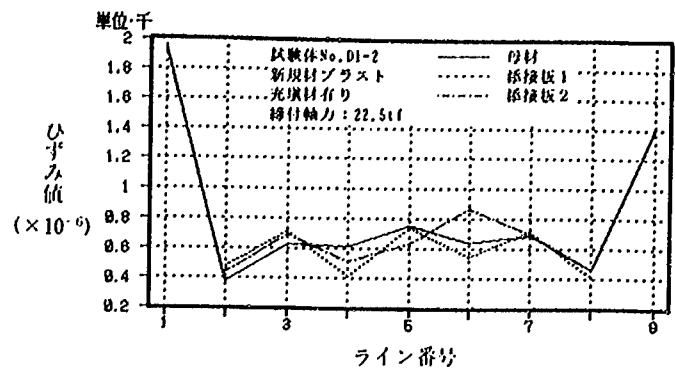


試験体 No. D1-1 (33.1tf 時)

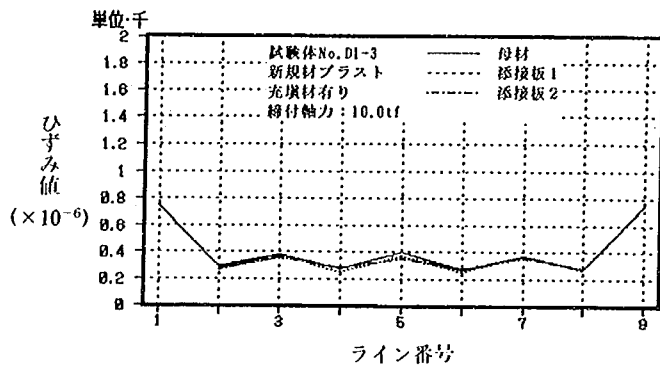
図-2.3.3(f) 添接板補強試験体の各断面におけるひずみ



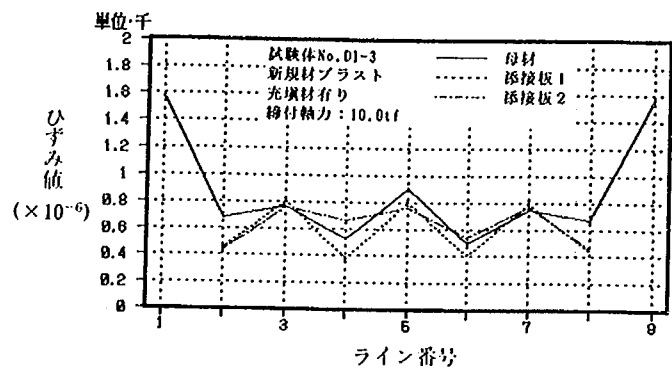
試験体 No.D1-2(20.1tf 時)



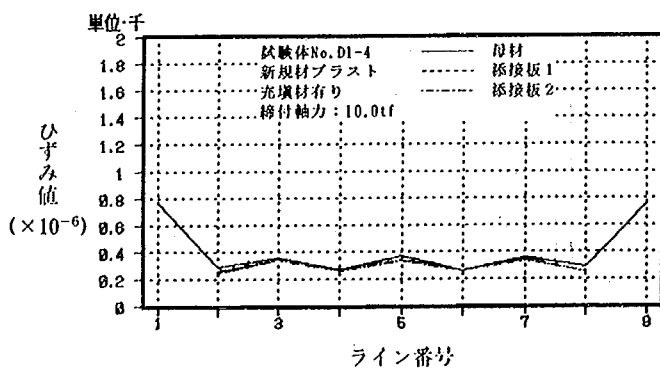
試験体 No.D1-2 (35.1tf 時)



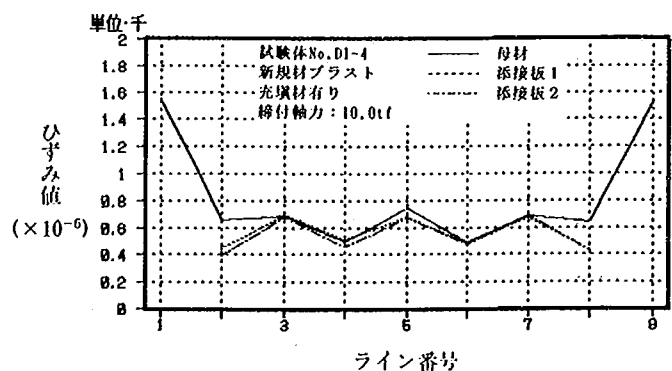
試験体 No.D1-3 (20.1tf 時)



試験体 No.D1-3 (39.9tf 時)

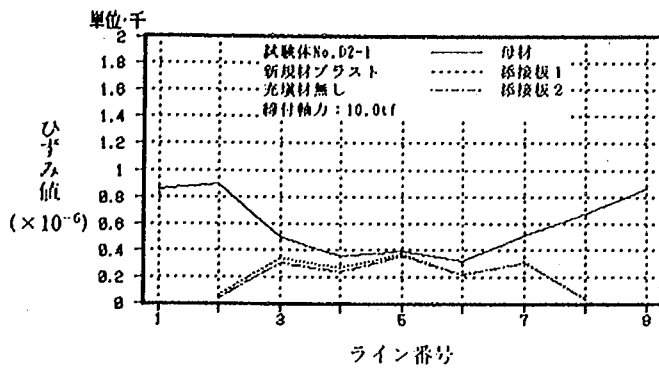


試験体 No.D1-4 (20.2tf 時)

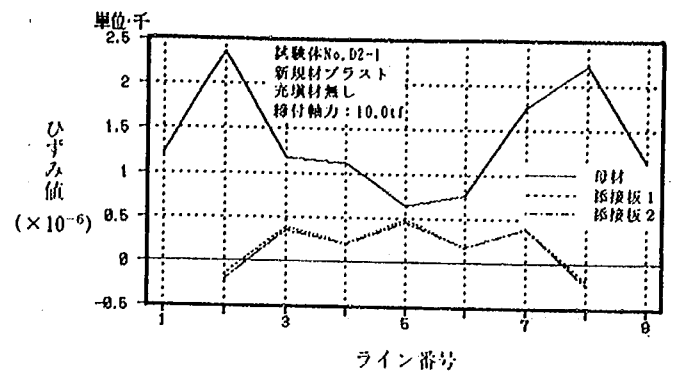


試験体 No.D1-4 (40.1tf 時)

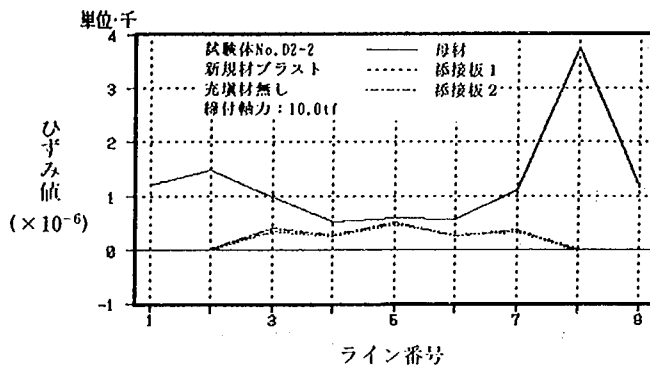
図-2.3.3(g) 添接板補強試験体の各断面におけるひずみ



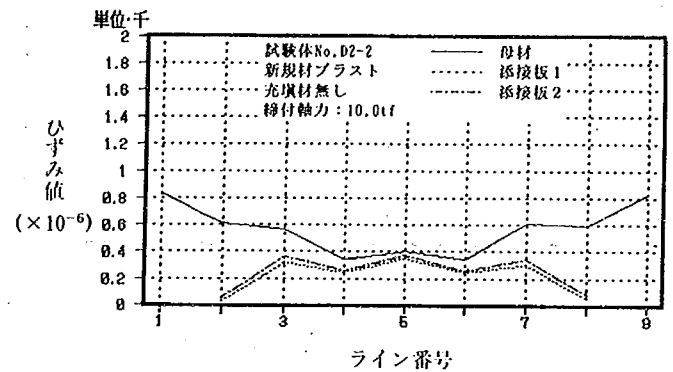
試験体 No.D2-1 (20.0tf 時)



試験体 No.D2-1 (26.9tf 時)

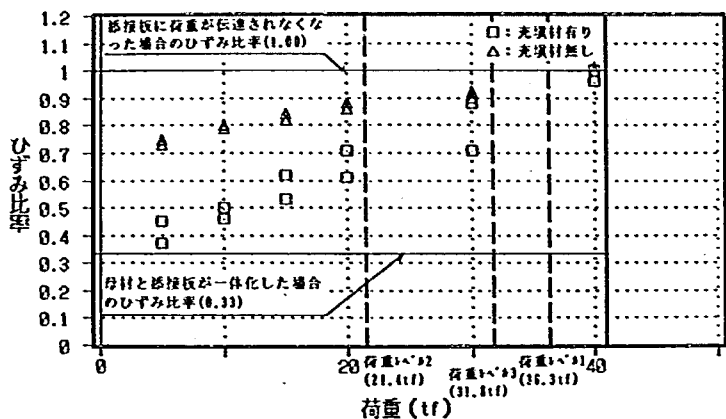


試験体 No.D2-2 (20.0tf 時)

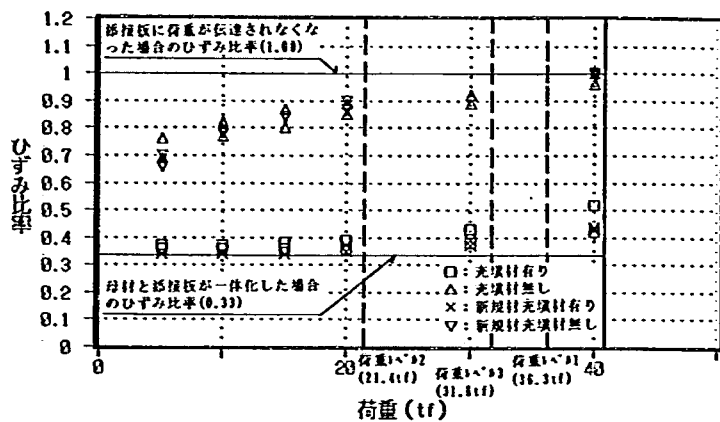


試験体 No.D2-2 (26.9tf 時)

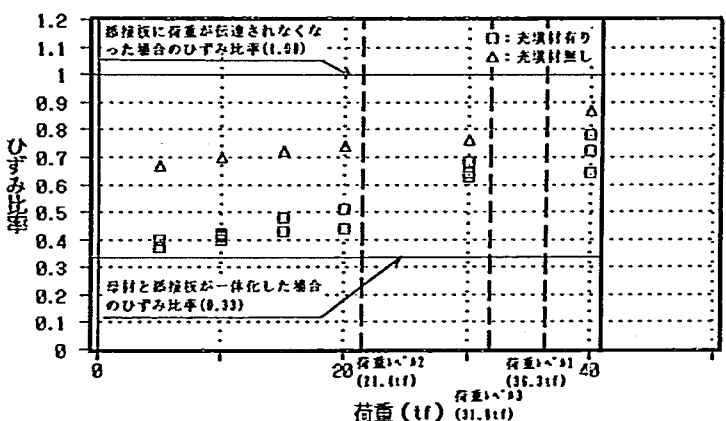
図-2.3.3(h) 添接板補強試験体の各断面におけるひずみ



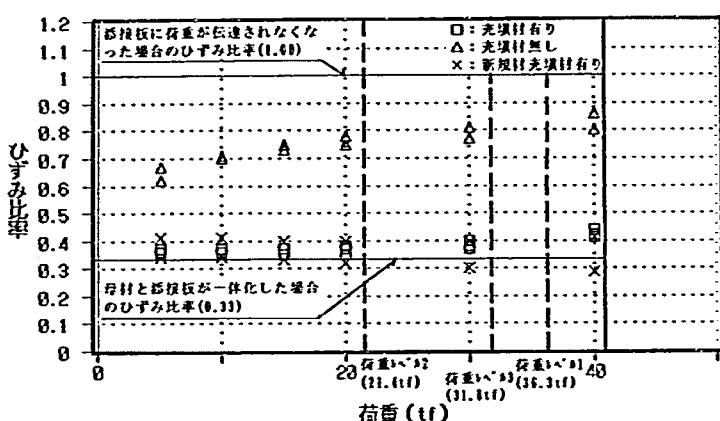
条件：ケレン、締付軸力 10.0tf



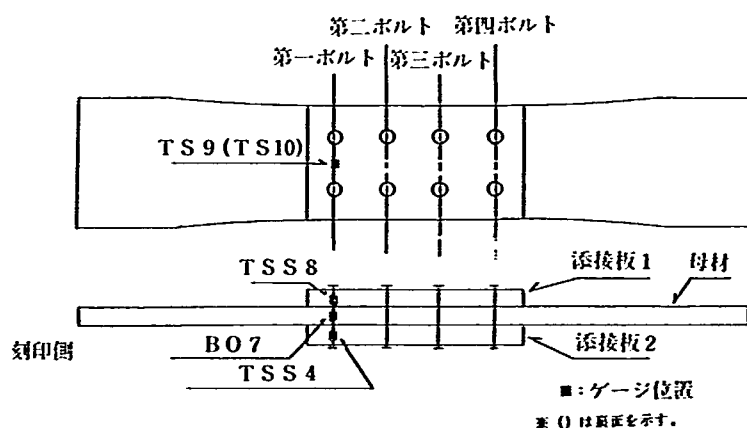
条件：ケレン、締付軸力 10.0tf



条件：ケレン、締付軸力 22.5tf



条件：ブラスト、締付軸力 22.5tf



荷重 $\times 1/1$ ：母材の穴断面を考慮した場合の母材の降伏荷重（母材の板厚を10mmと仮定）

荷重 $\times 1/2$ ：荷重 $\times 1/1$ に対して、安全率1.7で除した荷重

荷重 $\times 1/3$ ：母材の穴断面を考慮しない場合の降伏荷重（54.0tf）に対して、安全率1.7で除した荷重（母材の板厚を10mmと仮定）

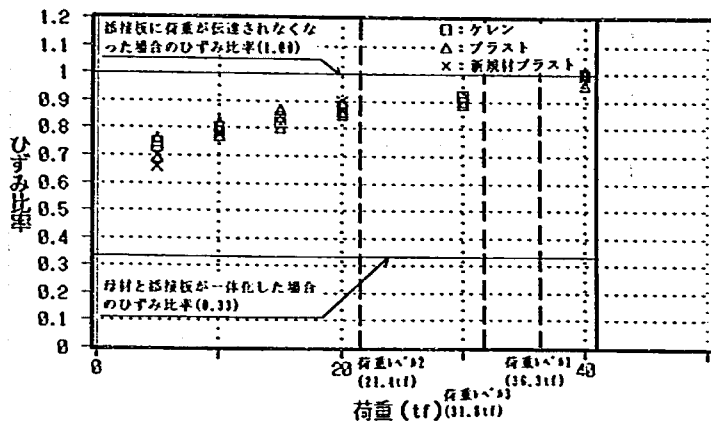
母材のひずみ  $\epsilon_1 = BO7$

添接板1のひずみ  $\epsilon_2 = \frac{TSS9 + TSS8}{2}$

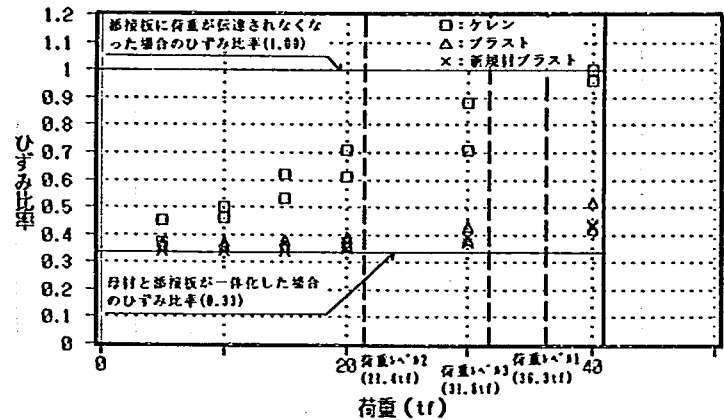
添接板2のひずみ  $\epsilon_3 = \frac{TSS10 + TSS4}{2}$

ひずみ比率 =  $\frac{\text{母材のひずみ } \epsilon_1}{\text{母材のひずみ } \epsilon_1 + \text{添接板1のひずみ } \epsilon_2 + \text{添接板2のひずみ } \epsilon_3}$

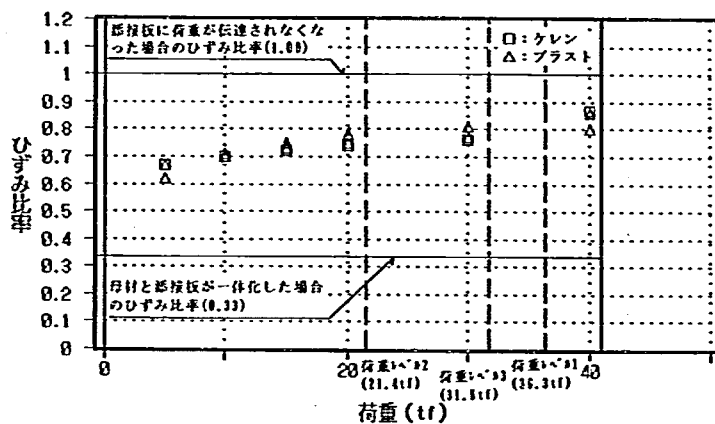
図-2.3.4(a) 第一ボルト列における母材と添接板のひずみ比率（充填材の影響）



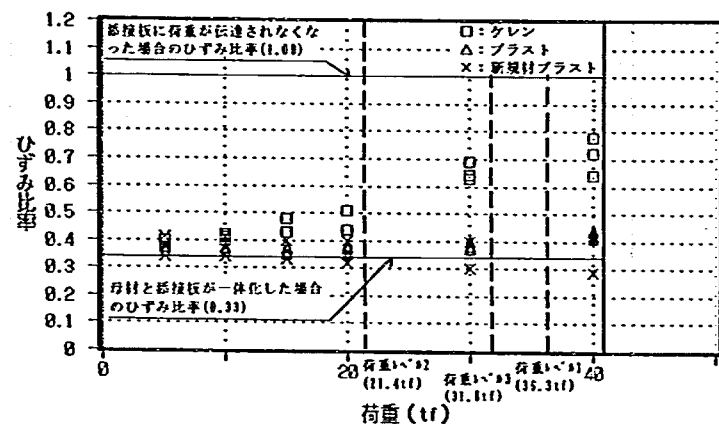
条件：充填材無し、締付軸力 10.0tf



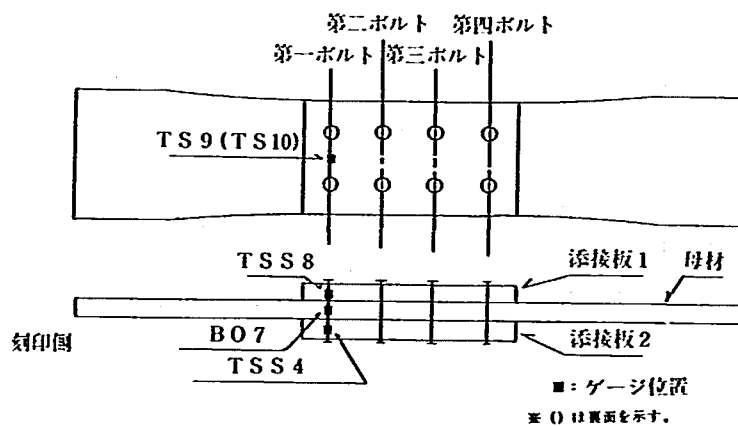
条件：充填材有り、締付軸力 10.0tf



条件：充填材無し、締付軸力 22.5tf



条件：充填材有り、締付軸力 22.5tf



母材のひずみ  $\epsilon_1 = B07$

添接板 1 のひずみ  $\epsilon_2 = \frac{TS9+TSS8}{2}$

添接板 2 のひずみ  $\epsilon_3 = \frac{TS10+TSS4}{2}$

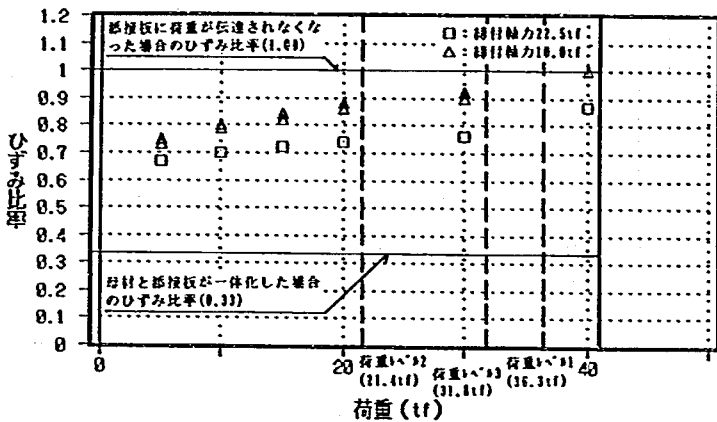
ひずみ比率 =  $\frac{\text{母材のひずみ } \epsilon_1}{\text{母材のひずみ } \epsilon_1 + \text{添接板 1 のひずみ } \epsilon_2 + \text{添接板 2 のひずみ } \epsilon_3}$

荷重  $\epsilon^* \#1$  : 母材の穴断面を考慮した場合の母材の降伏荷重 (母材の板厚を 10mm と仮定)

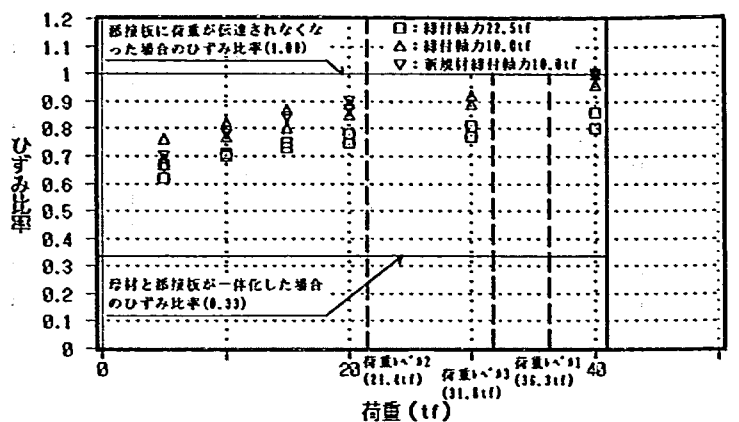
荷重  $\epsilon^* \#2$  : 荷重  $\epsilon^* \#1$  に対して、安全率 1.7 で除した荷重

荷重  $\epsilon^* \#3$  : 母材の穴断面を考慮しない場合の降伏荷重 (54.0tf) に対して、安全率 1.7 で除した荷重 (母材の板厚を 10mm と仮定)

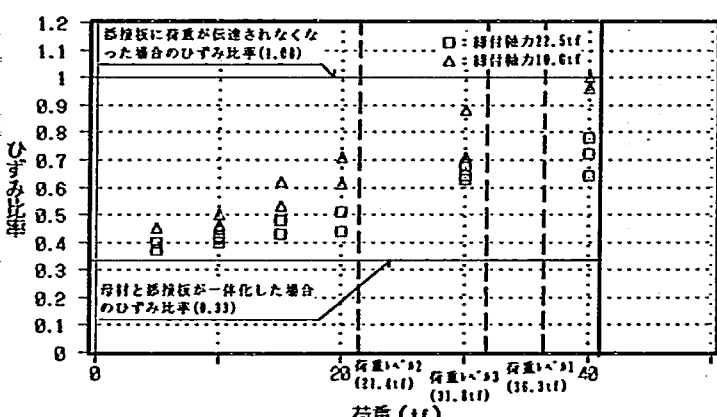
図-2.3.4(b) 第一ボルト列における母材と添接板のひずみ比率 (表面処理の影響)



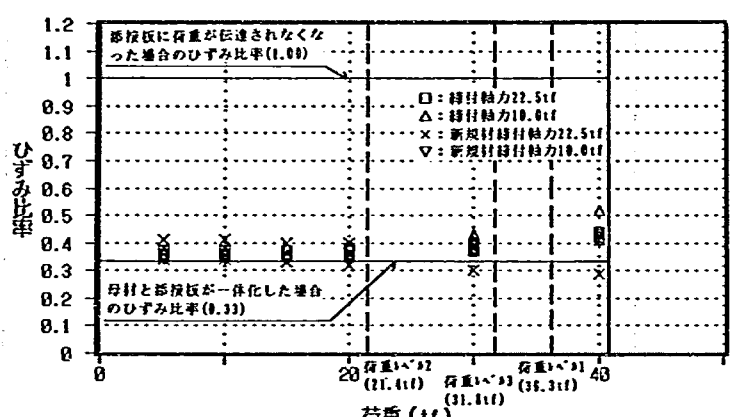
条件：ケレン、充填材無し



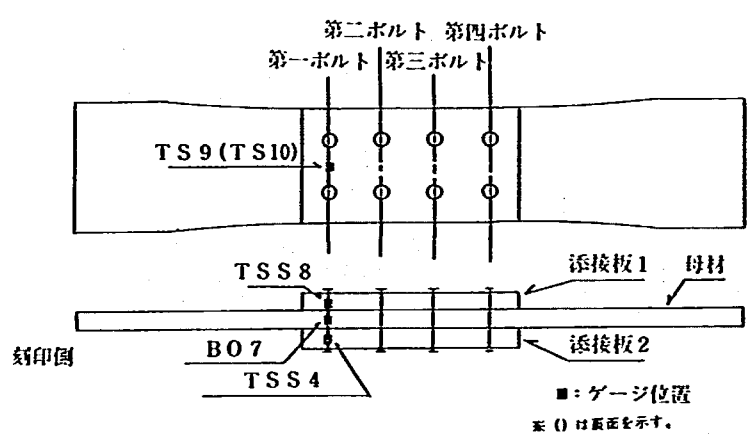
条件：プラスト、充填材無し



条件：ケレン、充填材有り



条件：プラスト、充填材有り



- 荷重 $\frac{1}{4}$  #1: 母材の穴断面を考慮した場合の母材の降伏荷重 (母材の板厚を10mmと仮定)
- 荷重 $\frac{1}{4}$  #2: 荷重 $\frac{1}{4}$  #1に対して、安全率1.7で除した荷重
- 荷重 $\frac{1}{4}$  #3: 母材の穴断面を考慮しない場合の降伏荷重 (54.0tf) に対して、安全率1.7で除した荷重 (母材の板厚を10mmと仮定)

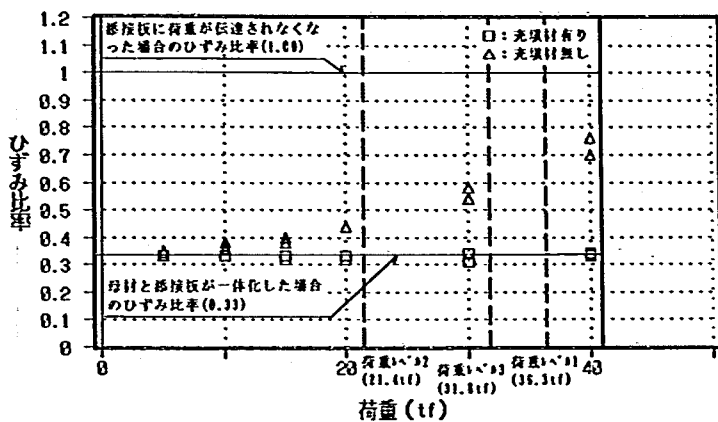
母材のひずみ  $\epsilon_1 = 807$

添接板1のひずみ  $\epsilon_2 = \frac{TS9 + TSS8}{2}$

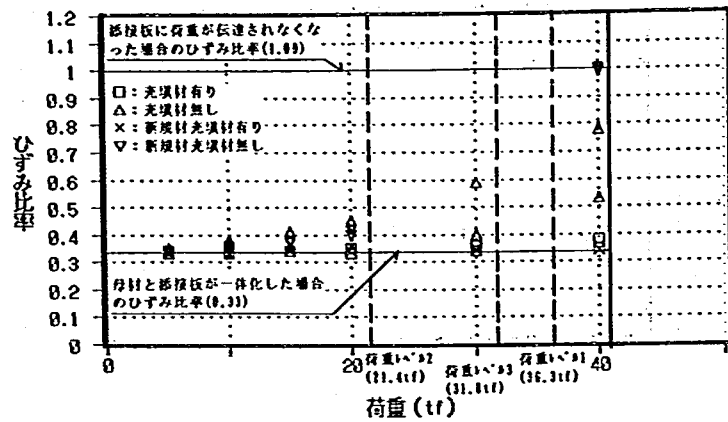
添接板2のひずみ  $\epsilon_3 = \frac{TS10 + TSS4}{2}$

ひずみ比率 =  $\frac{\text{母材のひずみ } \epsilon_1}{\text{母材のひずみ } \epsilon_1 + \text{添接板1のひずみ } \epsilon_2 + \text{添接板2のひずみ } \epsilon_3}$

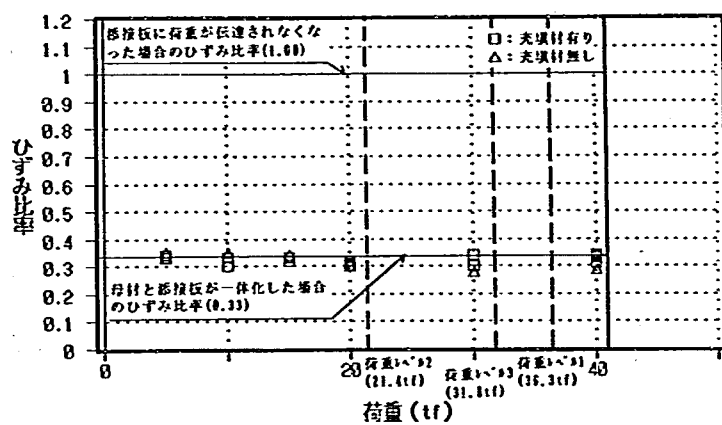
図-2.3.4(c) 第一ボルト列における母材と添接板のひずみ比率 (締付け軸力の影響)



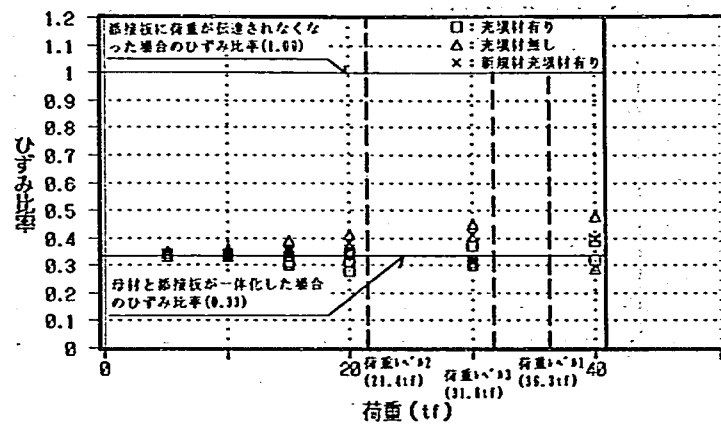
条件：ケレン、締付軸力 10.0tf



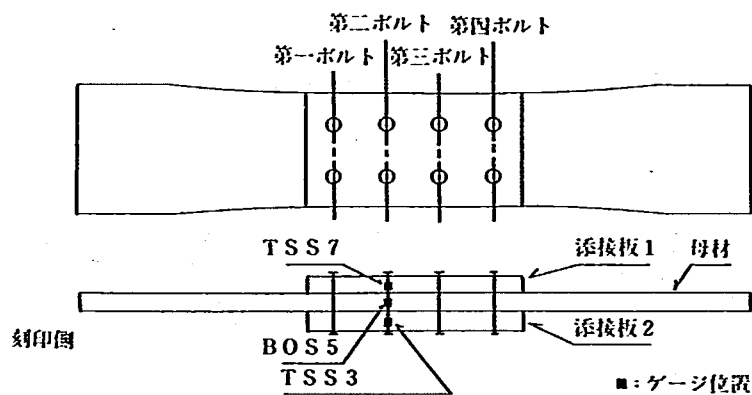
条件：プラスト、締付軸力 10.0tf



条件：ケレン、締付軸力 22.5tf



条件：プラスト、締付軸力 22.5tf



母材のひずみ  $\epsilon_1 = \text{BOSS}$

添接板 1 のひずみ  $\epsilon_2 = \text{TSS7}$

添接板 2 のひずみ  $\epsilon_3 = \text{TSS3}$

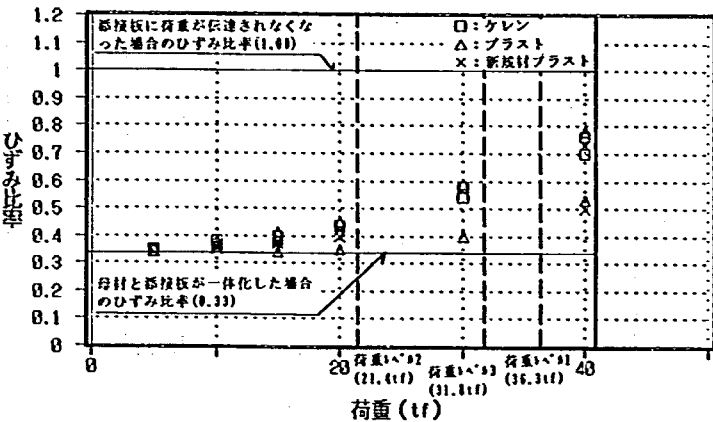
$$\text{ひずみ比率} = \frac{\text{母材のひずみ } \epsilon_1}{\text{母材のひずみ } \epsilon_1 + \text{添接板 1 のひずみ } \epsilon_2 + \text{添接板 2 のひずみ } \epsilon_3}$$

荷重  $\text{い}^{\circ} \text{91}$  : 母材の穴断面を考慮した場合の母材の降伏荷重 (母材の板厚を 10mm と仮定)

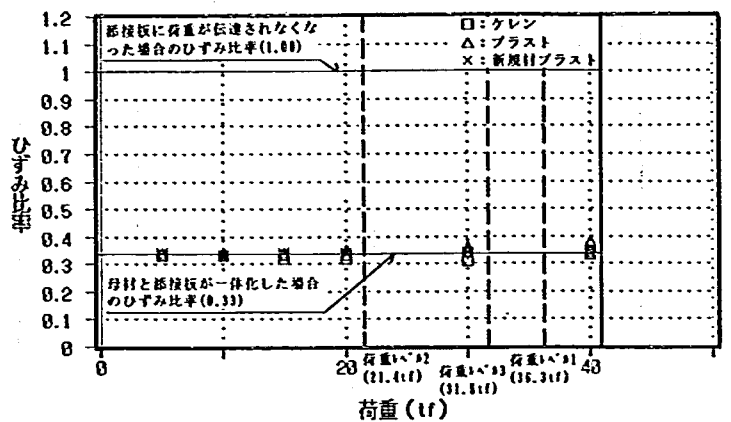
荷重  $\text{い}^{\circ} \text{92}$  : 荷重  $\text{い}^{\circ} \text{91}$  に対して、安全率 1.7 で除した荷重

荷重  $\text{い}^{\circ} \text{93}$  : 母材の穴断面を考慮しない場合の降伏荷重 (54.0tf) に対して、安全率 1.7 で除した荷重 (母材の板厚を 10mm と仮定)

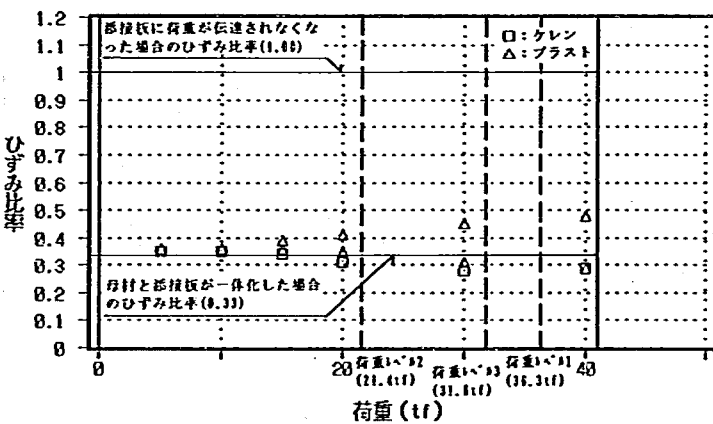
図-2.3.4(d) 第二ボルト列における母材と添接板のひずみ比率 (充填材の影響)



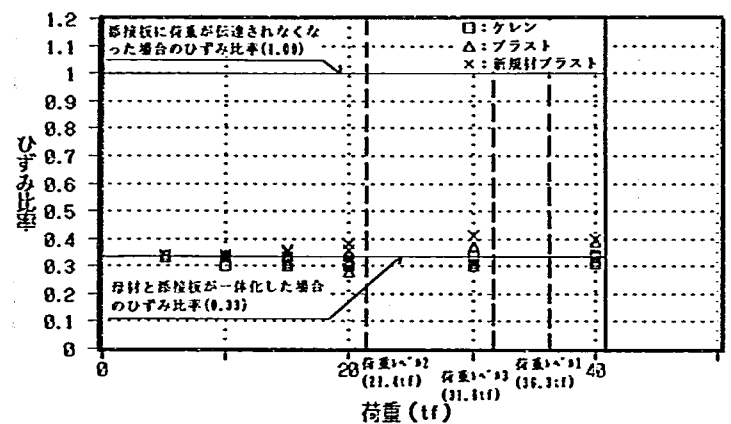
条件：充填材無し、締付軸力 10.0tf



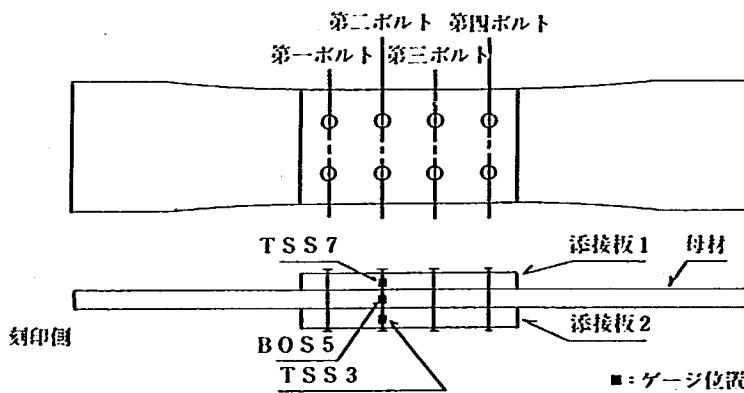
条件：充填材有り、締付軸力 10.0tf



条件：充填材無し、締付軸力 22.5tf



条件：充填材有り、締付軸力 22.5tf



荷重 $\epsilon^{\circ} \#1$ ：母材の穴断面を考慮した場合の母材の降伏荷重  
(母材の板厚を10mmと仮定)

荷重 $\epsilon^{\circ} \#2$ ：荷重 $\epsilon^{\circ} \#1$ に対して、安全率1.7で除した荷重

荷重 $\epsilon^{\circ} \#3$ ：母材の穴断面を考慮しない場合の降伏荷重 (54.0tf) に対して、安全率1.7で除した荷重  
(母材の板厚を10mmと仮定)

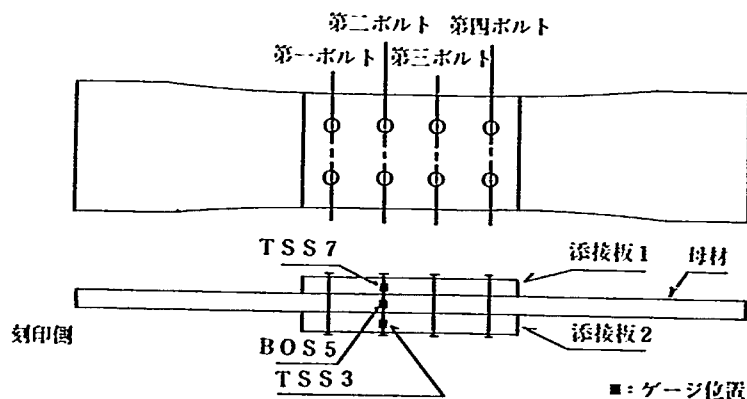
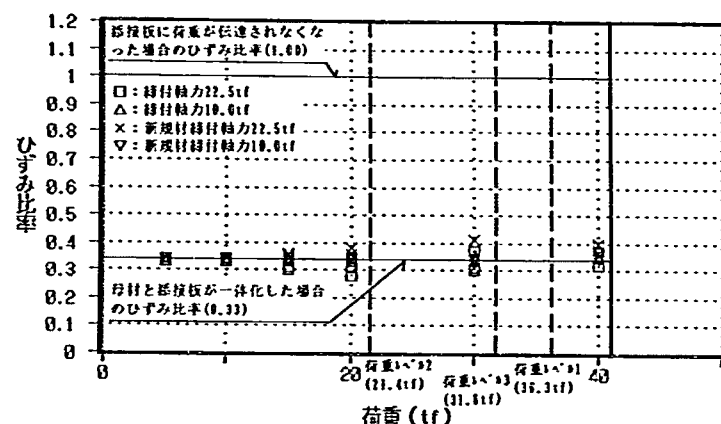
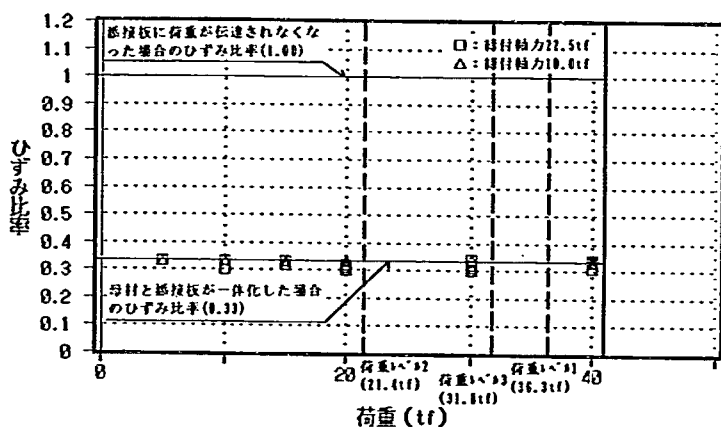
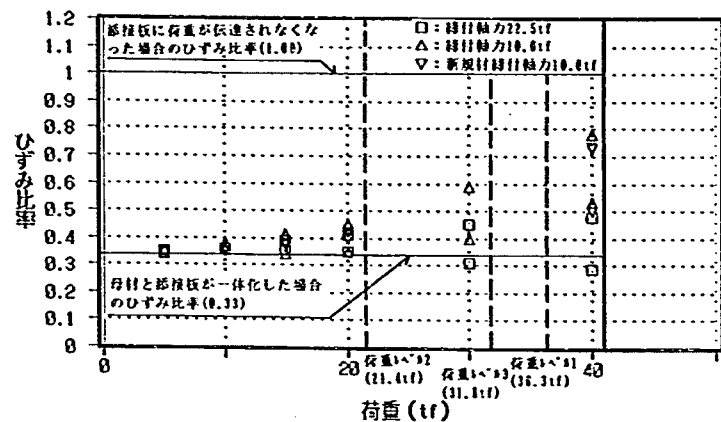
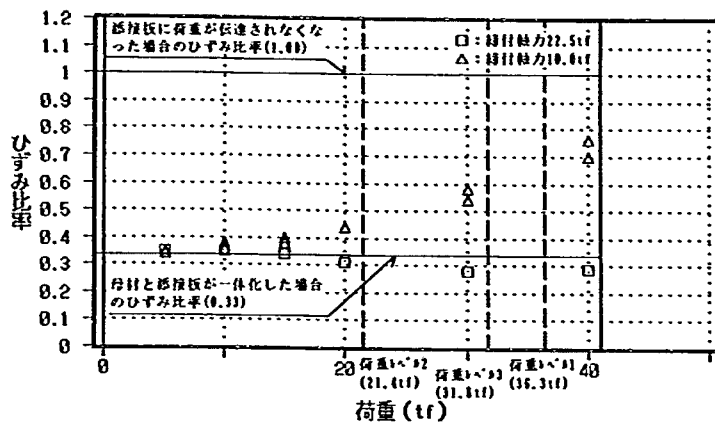
母材のひずみ  $\epsilon_1 = BOSS$

添接板 1 のひずみ  $\epsilon_2 = TSS7$

添接板 2 のひずみ  $\epsilon_3 = TSS3$

$$\text{ひずみ比率} = \frac{\text{母材のひずみ } \epsilon_1}{\text{母材のひずみ } \epsilon_1 + \text{添接板 1 のひずみ } \epsilon_2 + \text{添接板 2 のひずみ } \epsilon_3}$$

図-2.3.4(e) 第二ボルト列における母材と添接板のひずみ比率 (表面処理の影響)



母材のひずみ  $\epsilon_1 = \text{BOSS}$

添接板 1 のひずみ  $\epsilon_2 = \text{TSS7}$

添接板 2 のひずみ  $\epsilon_3 = \text{TSS3}$

$$\text{ひずみ比率} = \frac{\text{母材のひずみ } \epsilon_1}{\text{母材のひずみ } \epsilon_1 + \text{添接板 1 のひずみ } \epsilon_2 + \text{添接板 2 のひずみ } \epsilon_3}$$

荷重  $\text{h}^* \text{A1}$  : 母材の穴断面を考慮した場合の母材の降伏荷重 (母材の板厚を 10mm と仮定)

荷重  $\text{h}^* \text{A2}$  : 荷重  $\text{h}^* \text{A1}$  に対して、安全率 1.7 で除した荷重

荷重  $\text{h}^* \text{A3}$  : 母材の穴断面を考慮しない場合の降伏荷重 (54.0tf) に対して、安全率 1.7 で除した荷重 (母材の板厚を 10mm と仮定)

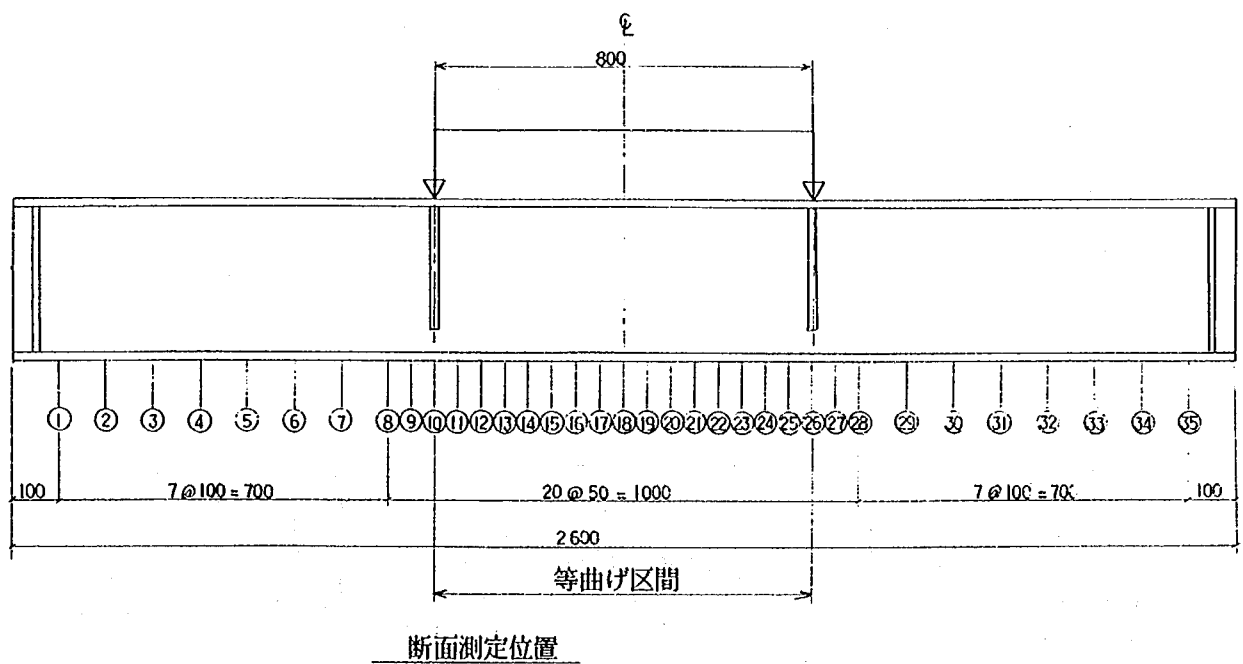
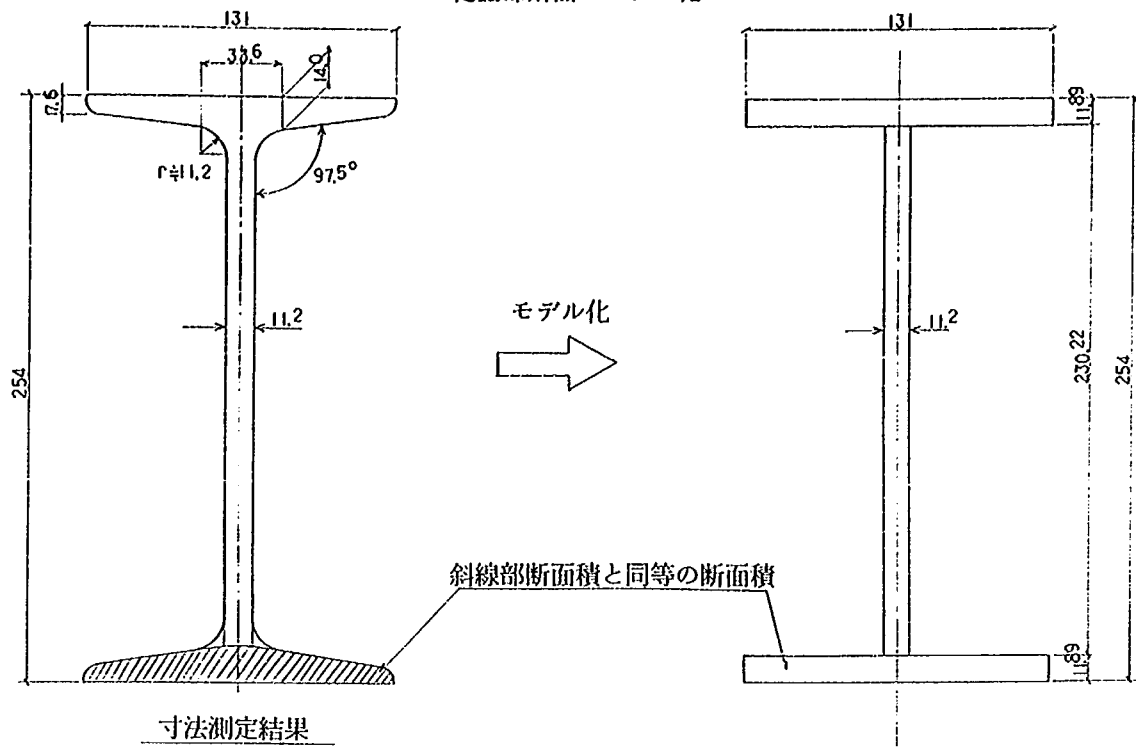
図-2.3.4(f) 第二ボルト列における母材と添接板のひずみ比率 (締付け軸力の影響)



## 実験データ

# 桁タイプ試験体

## 健全部断面のモデル化



桁タイプ試験体寸法測定結果 (1)

試験体 No. 1

| 断面<br>No. | 距離<br>(mm) | 平均板厚<br>t (mm) | 全板幅<br>W (mm) | L側板幅<br>Wl (mm) | R側板幅<br>Wr (mm) | 断面積<br>t・W (mm <sup>2</sup> ) |
|-----------|------------|----------------|---------------|-----------------|-----------------|-------------------------------|
| 1         | 100        | 8.271346       | 121.1         | 57.8            | 63.3            | 1001.66                       |
| 2         | 200        | 8.0018597      | 118.3         | 57.5            | 60.8            | 946.62                        |
| 3         | 300        | 9.6522727      | 110           | 50              | 60              | 1061.75                       |
| 4         | 400        | 9.0079482      | 108.2         | 50.9            | 57.3            | 974.66                        |
| 5         | 500        | 8.1844569      | 106.8         | 47.3            | 59.5            | 874.1                         |
| 6         | 600        | 9.1213208      | 106           | 46.9            | 59.1            | 966.86                        |
| 7         | 700        | 8.2227518      | 111.2         | 57.2            | 54              | 914.37                        |
| 8         | 800        | 7.6872464      | 103.5         | 56.2            | 47.3            | 795.63                        |
| 9         | 850        | 7.3802303      | 104.2         | 57.6            | 46.6            | 769.02                        |
| 10        | 900        | 8.010461       | 112.8         | 57              | 55.8            | 903.58                        |
| 11        | 950        | 7.85           | 102.8         | 56.1            | 46.7            | 806.98                        |
| 12        | 1000       | 6.5157421      | 66.7          | 42              | 24.7            | 434.6                         |
| 13        | 1050       | 8.5755414      | 78.5          | 58.1            | 20.4            | 673.18                        |
| 14        | 1100       | 7.9530864      | 81            | 50.3            | 30.7            | 644.2                         |
| 15        | 1150       | 7.0225064      | 78.2          | 41.6            | 36.6            | 549.16                        |
| 16        | 1200       | 7.4108518      | 85.7          | 32.5            | 53.2            | 635.11                        |
| 17        | 1250       | 7.1993888      | 81.8          | 26.9            | 54.9            | 588.91                        |
| 18        | 1300       | 6.797191       | 71.2          | 29.1            | 42.1            | 483.96                        |
| 19        | 1350       | 6.7651163      | 73.1          | 28.4            | 44.7            | 494.53                        |
| 20        | 1400       | 7.1790087      | 68.6          | 21.1            | 47.5            | 492.48                        |
| 21        | 1450       | 7.3682521      | 84.1          | 40              | 44.1            | 619.67                        |
| 22        | 1500       | 8.7305682      | 88            | 37.2            | 50.8            | 768.29                        |
| 23        | 1550       | 8.5057344      | 99.4          | 40.4            | 59              | 845.47                        |
| 24        | 1600       | 8.3478261      | 103.5         | 48              | 55.5            | 864                           |
| 25        | 1650       | 8.2297272      | 106.3         | 47.5            | 58.8            | 874.82                        |
| 26        | 1700       | 7.2221416      | 110.2         | 47.7            | 62.5            | 795.88                        |
| 27        | 1750       | 7.1333011      | 103.3         | 48.7            | 54.6            | 736.87                        |
| 28        | 1800       | 7.6281818      | 110           | 48.5            | 61.5            | 839.1                         |
| 29        | 1900       | 8.1039506      | 121.5         | 66.2            | 55.3            | 984.63                        |
| 30        | 2000       | 9.1855162      | 129.8         | 65.9            | 63.9            | 1192.28                       |
| 31        | 2100       | 10.359335      | 132.3         | 65.9            | 66.4            | 1370.54                       |
| 32        | 2200       | 11.226248      | 132.2         | 66.2            | 66              | 1484.11                       |
| 33        | 2300       | 11.303788      | 132           | 66              | 66              | 1492.1                        |
| 34        | 2400       | 11.449623      | 132.6         | 66.7            | 65.9            | 1518.22                       |
| 35        | 2500       | 11.45597       | 134           | 65.9            | 68.1            | 1535.1                        |

試験体 No. 3

| 断面<br>No. | 距離<br>(mm) | 平均板厚<br>t (mm) | 全板幅<br>W (mm) | L側板幅<br>Wl (mm) | R側板幅<br>Wr (mm) | 断面積<br>t・W (mm <sup>2</sup> ) |
|-----------|------------|----------------|---------------|-----------------|-----------------|-------------------------------|
| 1         | 100        | 11.776385      | 130           | 64.8            | 65.2            | 1530.93                       |
| 2         | 200        | 11.824003      | 130.4         | 65.2            | 65.2            | 1541.85                       |
| 3         | 300        | 11.873692      | 130           | 64.8            | 65.2            | 1543.58                       |
| 4         | 400        | 11.869984      | 128.6         | 64.3            | 64.3            | 1526.48                       |
| 5         | 500        | 11.76585       | 130.6         | 64.2            | 66.4            | 1536.62                       |
| 6         | 600        | 11.556059      | 127.9         | 61.8            | 66.1            | 1478.02                       |
| 7         | 700        | 10.973828      | 128           | 64              | 64              | 1404.65                       |
| 8         | 800        | 9.5163707      | 129.5         | 63.3            | 66.2            | 1232.37                       |
| 9         | 850        | 9.0419753      | 129.6         | 63.7            | 65.9            | 1171.84                       |
| 10        | 900        | 8.3952012      | 129.2         | 63.9            | 65.3            | 1084.66                       |
| 11        | 950        | 8.1337008      | 127           | 63.9            | 63.1            | 1032.98                       |
| 12        | 1000       | 7.6894818      | 129.3         | 63.3            | 66              | 994.25                        |
| 13        | 1050       | 5.7145161      | 130.2         | 64.4            | 65.8            | 744.03                        |
| 14        | 1100       | 6.3436929      | 109.4         | 59.9            | 49.5            | 694                           |
| 15        | 1150       | 4.8294652      | 99.1          | 44.8            | 54.3            | 478.6                         |
| 16        | 1200       | 7.1545004      | 121.1         | 59.9            | 61.2            | 866.41                        |
| 17        | 1250       | 5.3646809      | 117.5         | 55.2            | 62.3            | 630.35                        |
| 18        | 1300       | 7.2707014      | 88.4          | 48.6            | 39.8            | 642.73                        |
| 19        | 1350       | 6.354306       | 98.7          | 49.3            | 49.4            | 627.17                        |
| 20        | 1400       | 6.6353116      | 101.1         | 50.2            | 50.9            | 670.83                        |
| 21        | 1450       | 6.1547215      | 82.6          | 37.1            | 45.5            | 508.38                        |
| 22        | 1500       | 6.4363257      | 95.8          | 48.6            | 47.2            | 616.6                         |
| 23        | 1550       | 6.5329046      | 93.3          | 46.7            | 46.6            | 609.52                        |
| 24        | 1600       | 5.5258242      | 91            | 48              | 43              | 502.85                        |
| 25        | 1650       | 5.5395785      | 85.4          | 39.5            | 45.9            | 473.08                        |
| 26        | 1700       | 5.2807877      | 104.1         | 42.6            | 61.5            | 549.73                        |
| 27        | 1750       | 6.4605817      | 99.7          | 36.9            | 62.8            | 644.12                        |
| 28        | 1800       | 7.4494505      | 91            | 31.7            | 59.3            | 677.9                         |
| 29        | 1900       | 7.4381922      | 122.8         | 60.4            | 62.4            | 913.41                        |
| 30        | 2000       | 9.0272085      | 113.2         | 52              | 61.2            | 1021.88                       |
| 31        | 2100       | 8.7065615      | 120.4         | 62.4            | 58              | 1048.27                       |
| 32        | 2200       | 9.2197552      | 114.4         | 54.1            | 60.3            | 1054.74                       |
| 33        | 2300       | 7.5567382      | 116.5         | 55.8            | 60.7            | 880.36                        |
| 34        | 2400       | 7.5267843      | 124.7         | 63.1            | 61.6            | 938.59                        |
| 35        | 2500       | 7.6635071      | 126.6         | 63.7            | 62.9            | 970.2                         |

桁タイプ試験体寸法測定結果 (2)

試験体 No. 4

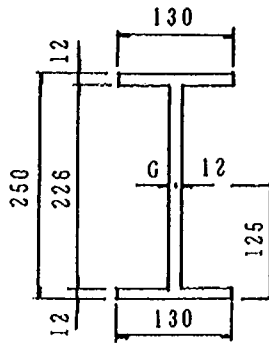
| 断面<br>No. | 距離<br>(mm) | 平均板厚<br>t (mm) | 全板幅<br>W (mm) | L側板幅<br>Wl (mm) | R側板幅<br>Wr (mm) | 断面積<br>t・W (mm <sup>2</sup> ) |
|-----------|------------|----------------|---------------|-----------------|-----------------|-------------------------------|
| 1         | 100        | 9.3900787      | 127           | 64.1            | 62.9            | 1192.54                       |
| 2         | 200        | 8.8171803      | 129.8         | 64.6            | 65.2            | 1144.47                       |
| 3         | 300        | 10.040642      | 130.9         | 65.1            | 65.8            | 1314.32                       |
| 4         | 400        | 9.4865134      | 130.5         | 64.1            | 66.4            | 1237.99                       |
| 5         | 500        | 10.274707      | 128.1         | 61.4            | 66.7            | 1316.19                       |
| 6         | 600        | 9.1950192      | 130.5         | 64.2            | 66.3            | 1199.95                       |
| 7         | 700        | 9.0685824      | 130.5         | 63.5            | 67              | 1183.45                       |
| 8         | 800        | 9.1568658      | 128.9         | 61.8            | 67.1            | 1180.32                       |
| 9         | 850        | 9.598056       | 128.6         | 61.8            | 66.8            | 1234.31                       |
| 10        | 900        | 9.4388025      | 128.6         | 61.4            | 67.2            | 1213.83                       |
| 11        | 950        | 9.5145161      | 124           | 58              | 66              | 1179.8                        |
| 12        | 1000       | 9.5071542      | 125.8         | 60.1            | 65.7            | 1196                          |
| 13        | 1050       | 9.8526667      | 120           | 54.1            | 65.9            | 1182.32                       |
| 14        | 1100       | 9.4153226      | 124           | 57.9            | 66.1            | 1167.5                        |
| 15        | 1150       | 8.5676759      | 112.3         | 47.7            | 64.6            | 962.15                        |
| 16        | 1200       | 9.5965819      | 114.1         | 51.5            | 62.6            | 1094.97                       |
| 17        | 1250       | 8.5861341      | 108.9         | 45.9            | 63              | 935.03                        |
| 18        | 1300       | 7.6419386      | 104.2         | 39.6            | 64.6            | 796.29                        |
| 19        | 1350       | 9.4554465      | 101.9         | 36              | 65.9            | 963.51                        |
| 20        | 1400       | 10.260659      | 115.4         | 50.1            | 65.3            | 1184.08                       |
| 21        | 1450       | 9.0772085      | 113.2         | 53.7            | 59.5            | 1027.54                       |
| 22        | 1500       | 9.3656972      | 116.9         | 52.1            | 64.8            | 1094.85                       |
| 23        | 1550       | 9.1890925      | 114.6         | 48.2            | 66.4            | 1053.07                       |
| 24        | 1600       | 8.40078        | 128.2         | 59.9            | 68.3            | 1076.98                       |
| 25        | 1650       | 9.7288803      | 129.5         | 61.7            | 67.8            | 1259.89                       |
| 26        | 1700       | 9.2450769      | 130           | 61.9            | 68.1            | 1201.86                       |
| 27        | 1750       | 9.2250974      | 128.3         | 60.4            | 67.9            | 1183.58                       |
| 28        | 1800       | 9.4088666      | 129.7         | 61.4            | 68.3            | 1220.33                       |
| 29        | 1900       | 10.520737      | 130.2         | 62.9            | 67.3            | 1369.8                        |
| 30        | 2000       | 10.90138       | 130.4         | 63.7            | 66.7            | 1421.54                       |
| 31        | 2100       | 11.075723      | 131.4         | 63.8            | 67.6            | 1455.35                       |
| 32        | 2200       | 11.449657      | 131.1         | 64              | 67.1            | 1501.05                       |
| 33        | 2300       | 11.600769      | 130           | 63.9            | 66.1            | 1508.1                        |
| 34        | 2400       | 11.727668      | 131.2         | 64.8            | 66.4            | 1538.67                       |
| 35        | 2500       | 11.777744      | 131.2         | 65.6            | 65.6            | 1545.24                       |

試験体 No. 5

| 断面<br>No. | 距離<br>(mm) | 平均板厚<br>t (mm) | 全板幅<br>W (mm) | L側板幅<br>Wl (mm) | R側板幅<br>Wr (mm) | 断面積<br>t・W (mm <sup>2</sup> ) |
|-----------|------------|----------------|---------------|-----------------|-----------------|-------------------------------|
| 1         | 100        | 8.9336973      | 128.2         | 63.3            | 64.9            | 1145.3                        |
| 2         | 200        | 8.9427357      | 129.4         | 63.6            | 65.8            | 1157.19                       |
| 3         | 300        | 9.4228528      | 130.4         | 63.7            | 66.7            | 1228.74                       |
| 4         | 400        | 9.8448547      | 127.3         | 63.3            | 64              | 1253.25                       |
| 5         | 500        | 10.602823      | 124           | 60              | 64              | 1314.75                       |
| 6         | 600        | 10.836098      | 123           | 58.3            | 64.7            | 1332.84                       |
| 7         | 700        | 9.5952419      | 126.1         | 60.9            | 65.2            | 1209.96                       |
| 8         | 800        | 9.2002372      | 126.5         | 62.4            | 64.1            | 1163.83                       |
| 9         | 850        | 8.9569231      | 130           | 62.6            | 67.4            | 1164.4                        |
| 10        | 900        | 9.3907692      | 130           | 67              | 63              | 1220.8                        |
| 11        | 950        | 9.4840784      | 127.5         | 62.9            | 64.6            | 1209.22                       |
| 12        | 1000       | 9.6453906      | 128           | 63.2            | 64.8            | 1234.61                       |
| 13        | 1050       | 9.7898265      | 126.8         | 62.2            | 64.6            | 1241.35                       |
| 14        | 1100       | 9.574252       | 127           | 61.8            | 65.2            | 1215.93                       |
| 15        | 1150       | 9.8410798      | 127.8         | 63              | 64.8            | 1257.69                       |
| 16        | 1200       | 9.8970792      | 130.1         | 62.9            | 67.2            | 1287.61                       |
| 17        | 1250       | 11.078626      | 131           | 63.5            | 67.5            | 1451.3                        |
| 18        | 1300       | 11.729268      | 131.2         | 63.7            | 67.5            | 1538.88                       |
| 19        | 1350       | 11.716371      | 129.5         | 64.1            | 65.4            | 1517.27                       |
| 20        | 1400       | 11.680153      | 131           | 64              | 67              | 1530.1                        |
| 21        | 1450       | 11.756575      | 130.8         | 64              | 66.8            | 1537.76                       |
| 22        | 1500       | 11.839231      | 130           | 65              | 65              | 1539.1                        |
| 23        | 1550       | 11.721799      | 131.2         | 64.7            | 66.5            | 1537.9                        |
| 24        | 1600       | 11.747936      | 130.8         | 64.4            | 66.4            | 1536.63                       |
| 25        | 1650       | 11.711325      | 129.8         | 64.6            | 65.2            | 1520.13                       |
| 26        | 1700       | 11.790076      | 131           | 64.9            | 66.1            | 1544.5                        |
| 27        | 1750       | 11.709542      | 131           | 65              | 66              | 1533.95                       |
| 28        | 1800       | 11.880978      | 130.9         | 64.7            | 66.2            | 1555.22                       |
| 29        | 1900       | 11.735344      | 131           | 65.4            | 65.6            | 1537.33                       |
| 30        | 2000       | 11.438379      | 130.8         | 65.7            | 65.1            | 1496.14                       |
| 31        | 2100       | 11.558779      | 131           | 65.5            | 65.5            | 1514.2                        |
| 32        | 2200       | 11.34425       | 131.3         | 65              | 66.3            | 1489.5                        |
| 33        | 2300       | 11.191679      | 131           | 65.2            | 65.8            | 1466.11                       |
| 34        | 2400       | 11.043979      | 131.2         | 65.6            | 65.6            | 1448.97                       |
| 35        | 2500       | 9.5269231      | 130           | 65.2            | 64.8            | 1238.5                        |

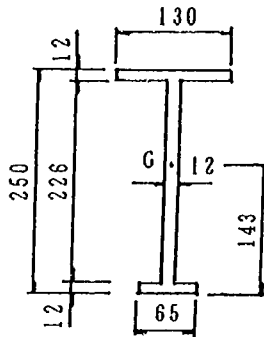
桁タイプ試験体における仮定断面の断面定数

タイプ 1



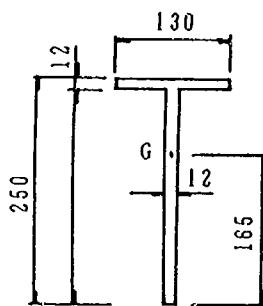
|             |                           |
|-------------|---------------------------|
| 断面積         | $A = 58.32 (\text{cm}^2)$ |
| 断面 2 次モーメント | $I = 5576 (\text{cm}^4)$  |
| 断面係数        | $Z = 446 (\text{cm}^3)$   |
| 下フランジ降伏荷重   | $P = 21.2 (\text{t})$     |

タイプ 2



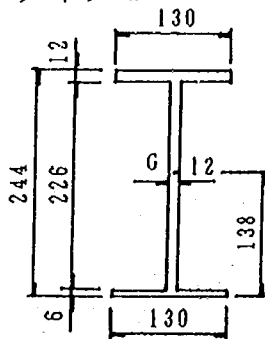
|             |                               |
|-------------|-------------------------------|
| 断面積         | $A = 50.52 (\text{cm}^2)$     |
| 断面 2 次モーメント | $I = 4300 (\text{cm}^4)$      |
| 断面係数        | $Z = 301 (\text{cm}^3)$ (下縁側) |
| 下フランジ降伏荷重   | $P = 14.3 (\text{t})$         |

タイプ 3



|             |                               |
|-------------|-------------------------------|
| 断面積         | $A = 44.16 (\text{cm}^2)$     |
| 断面 2 次モーメント | $I = 2928 (\text{cm}^4)$      |
| 断面係数        | $Z = 177 (\text{cm}^3)$ (下縁側) |
| 下フランジ降伏荷重   | $P = 8.4 (\text{t})$          |

タイプ 4



|             |                               |
|-------------|-------------------------------|
| 断面積         | $A = 50.52 (\text{cm}^2)$     |
| 断面 2 次モーメント | $I = 4235 (\text{cm}^4)$      |
| 断面係数        | $Z = 307 (\text{cm}^3)$ (下縁側) |
| 下フランジ降伏荷重   | $P = 14.6 (\text{t})$         |

桁タイプ試験体の荷重－変位関係 (1)

試験体 No. 1

単位 : mm

| 荷重(tf) | $\delta$ (実測) | 推定値1 | 推定値2 |
|--------|---------------|------|------|
| 1.01   | 0.39          | 0.36 | 0.40 |
| 2.01   | 0.68          | 0.72 | 0.79 |
| 2.99   | 1.07          | 1.07 | 1.18 |
| 4.13   | 1.38          | 1.48 | 1.63 |
| 5.03   | 1.76          | 1.81 | 1.99 |
| 5.95   | 2.05          | 2.14 | 2.35 |
| 6.95   | 2.35          | 2.50 | 2.74 |
| 7.93   | 2.73          | 2.85 | 3.13 |
| 9.11   | 3.12          | 3.27 | 3.60 |
| 10.02  | 3.51          | 3.60 | 3.96 |
| 11.25  | 3.89          | 4.04 | 4.44 |
| 12.05  | 4.17          | -    | -    |
| 13.00  | 4.47          | -    | -    |
| 14.18  | 4.95          | -    | -    |
| 14.96  | 5.25          | -    | -    |
| 16.39  | 5.83          | -    | -    |
| 17.04  | 6.22          | -    | -    |
| 18.02  | 6.79          | -    | -    |
| 18.95  | 7.87          | -    | -    |
| 19.92  | 9.82          | -    | -    |
| 20.45  | 12.12         | -    | -    |
| 20.63  | 14.07         | -    | -    |
| 20.81  | 16.04         | -    | -    |
| 20.88  | 18.02         | -    | -    |
| 21.19  | 20.07         | -    | -    |
| 21.33  | 22.14         | -    | -    |
| 21.86  | 25.03         | -    | -    |
| 21.98  | 38.21         | -    | -    |
| 22.09  | 40.13         | -    | -    |
| 22.34  | 44.09         | -    | -    |
| 23.09  | 60.09         | -    | -    |
| 23.26  | 64.08         | -    | -    |
| 23.69  | 70.14         | -    | -    |

※推定値1 : 等曲げ区間の平均板厚

推定値2 : 等曲げ区間の断面最小板厚

試験体 No. 3

単位 : mm

| 荷重(tf) | $\delta$ (実測) | 推定値1 | 推定値2 |
|--------|---------------|------|------|
| 1.06   | 0.39          | 0.36 | 0.40 |
| 2.06   | 0.69          | 0.70 | 0.78 |
| 3.09   | 0.99          | 1.05 | 1.16 |
| 4.14   | 1.39          | 1.41 | 1.56 |
| 5.03   | 1.70          | 1.71 | 1.90 |
| 5.98   | 2.00          | 2.04 | 2.25 |
| 6.96   | 2.30          | 2.37 | 2.62 |
| 8.08   | 2.70          | 2.75 | 3.04 |
| 9.02   | 3.05          | 3.07 | 3.40 |
| 10.02  | 3.39          | 3.41 | 3.78 |
| 11.00  | 3.70          | 3.75 | 4.15 |
| 12.05  | 4.04          | 4.10 | 4.54 |
| 13.08  | 4.40          | -    | -    |
| 14.03  | 4.80          | -    | -    |
| 15.21  | 5.29          | -    | -    |
| 16.14  | 5.60          | -    | -    |
| 17.02  | 5.99          | -    | -    |
| 18.49  | 6.89          | -    | -    |
| 19.09  | 8.57          | -    | -    |
| 20.02  | 9.36          | -    | -    |
| 21.18  | 10.98         | -    | -    |
| 22.08  | 14.13         | -    | -    |
| 22.39  | 16.16         | -    | -    |
| 22.74  | 18.19         | -    | -    |
| 22.89  | 19.07         | -    | -    |
| 23.21  | 24.11         | -    | -    |
| 23.41  | 28.09         | -    | -    |
| 23.55  | 34.10         | -    | -    |
| 23.81  | 44.13         | -    | -    |
| 24.15  | 48.28         | -    | -    |
| 24.42  | 58.30         | -    | -    |
| 24.52  | 62.29         | -    | -    |
| 24.74  | 70.32         | -    | -    |

※推定値1 : 等曲げ区間の平均板厚

推定値2 : 等曲げ区間の断面最小板厚

桁タイプ試験体の荷重－変位関係 (2)

試験体 No. 4

単位：mm

| 荷重(tf) | $\delta$ (実測) | 推定値1 | 推定値2 |
|--------|---------------|------|------|
| 0.98   | 0.29          | 0.29 | 0.32 |
| 2.02   | 0.59          | 0.59 | 0.66 |
| 3.02   | 0.89          | 0.89 | 0.99 |
| 4.00   | 1.19          | 1.18 | 1.31 |
| 5.03   | 1.49          | 1.48 | 1.65 |
| 6.03   | 1.78          | 1.77 | 1.98 |
| 6.95   | 1.99          | 2.05 | 2.28 |
| 8.01   | 2.39          | 2.36 | 2.63 |
| 9.04   | 2.68          | 2.66 | 2.97 |
| 10.02  | 2.98          | 2.95 | 3.29 |
| 11.07  | 3.27          | 3.26 | 3.63 |
| 12.05  | 3.58          | 3.55 | 3.95 |
| 12.98  | 3.87          | 3.82 | 4.26 |
| 13.94  | 4.17          | 4.10 | -    |
| 15.01  | 4.57          | 4.42 | -    |
| 15.96  | 4.88          | -    | -    |
| 16.99  | 5.75          | -    | -    |
| 18.00  | 6.64          | -    | -    |
| 19.07  | 7.13          | -    | -    |
| 20.33  | 7.64          | -    | -    |
| 20.96  | 7.92          | -    | -    |
| 22.08  | 8.62          | -    | -    |
| 22.99  | 9.30          | -    | -    |
| 23.92  | 10.40         | -    | -    |
| 24.69  | 13.16         | -    | -    |
| 25.00  | 17.21         | -    | -    |
| 25.08  | 19.18         | -    | -    |
| 25.30  | 21.34         | -    | -    |
| 25.55  | 22.06         | -    | -    |
| 25.87  | 25.07         | -    | -    |
| 26.02  | 28.01         | -    | -    |
| 26.22  | 32.21         | -    | -    |
| 26.57  | 36.13         | -    | -    |
| 26.86  | 42.11         | -    | -    |
| 27.06  | 46.11         | -    | -    |

※推定値1：等曲げ区間の平均板厚  
推定値2：等曲げ区間の断面最小板厚

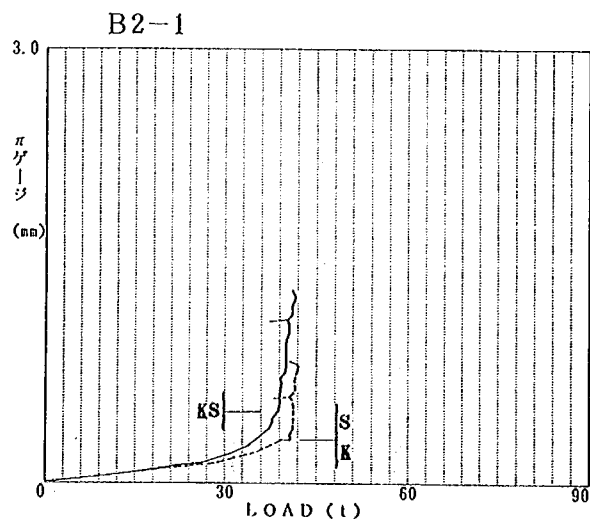
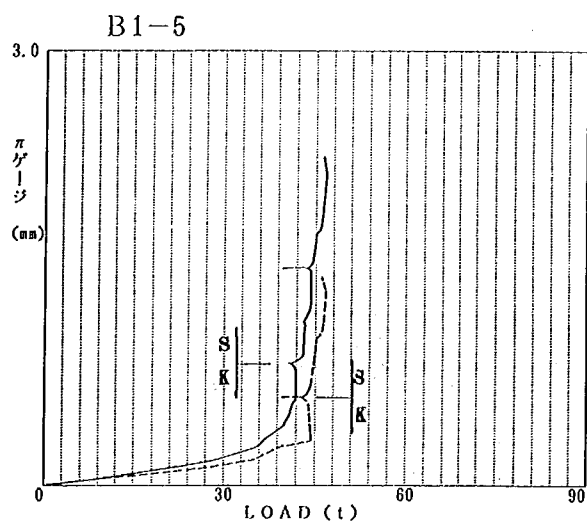
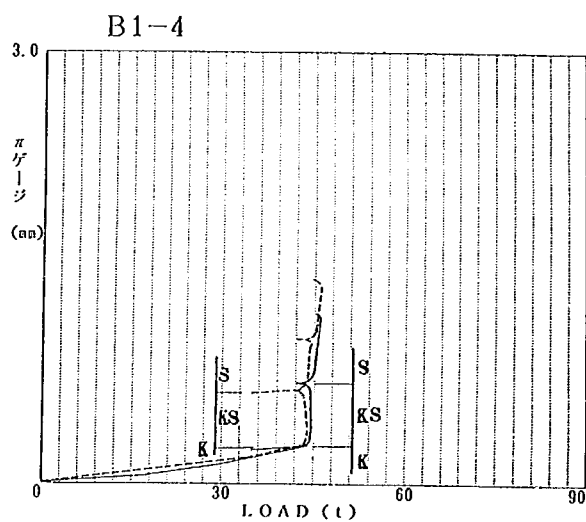
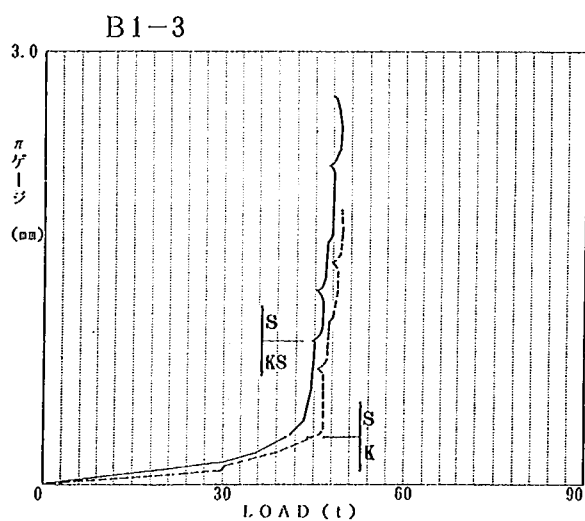
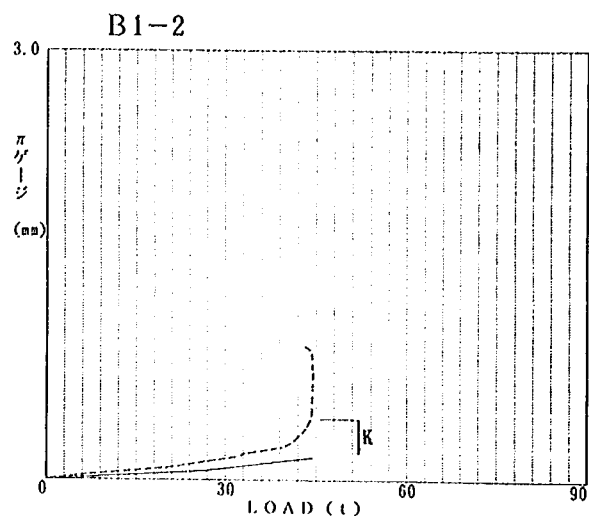
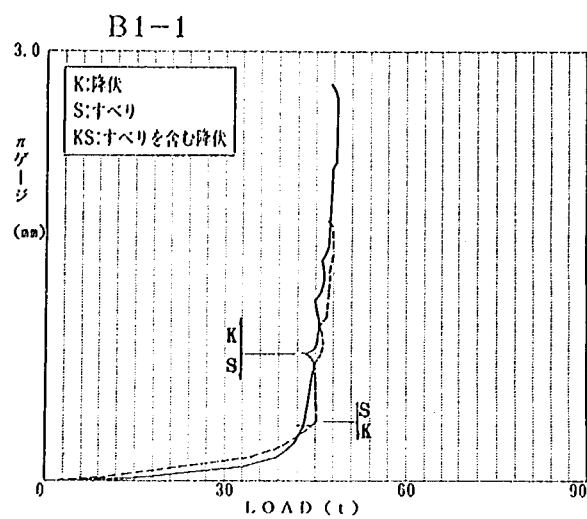
試験体 No. 5

単位：mm

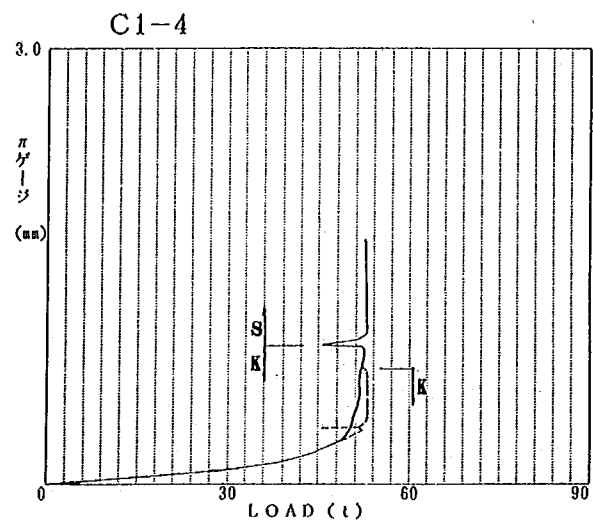
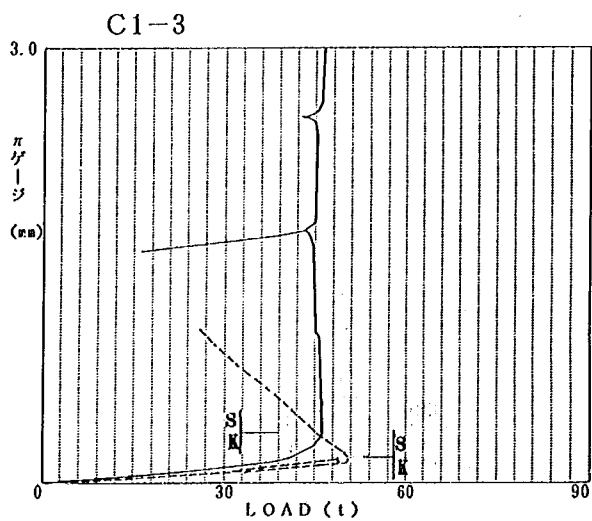
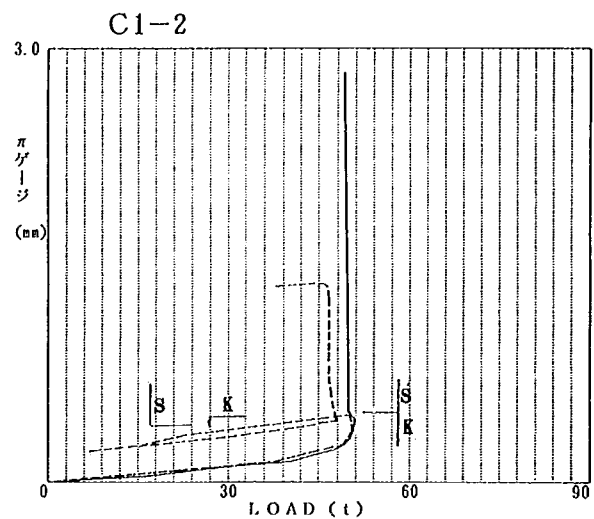
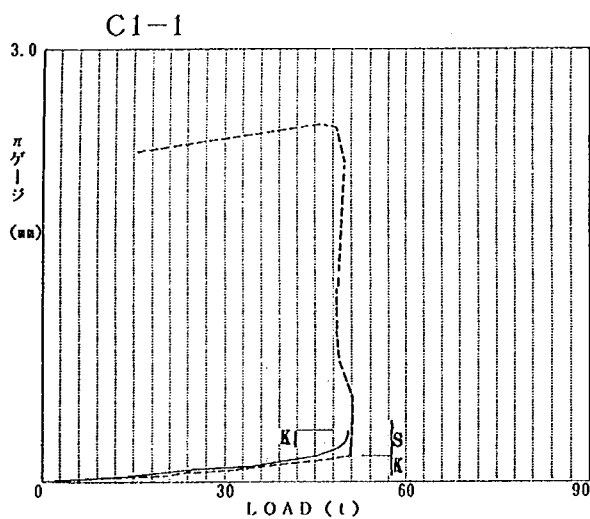
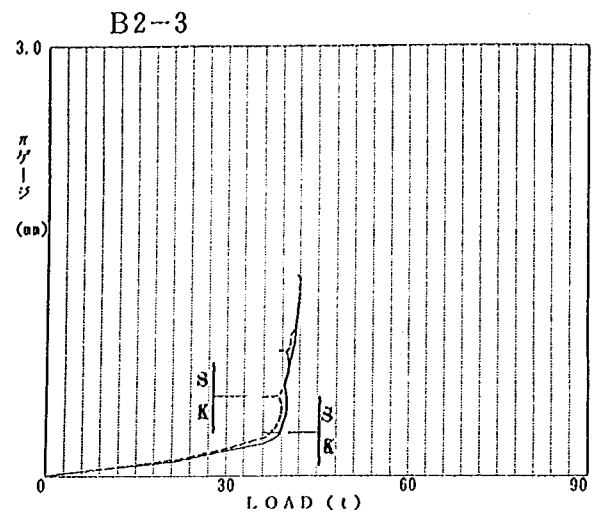
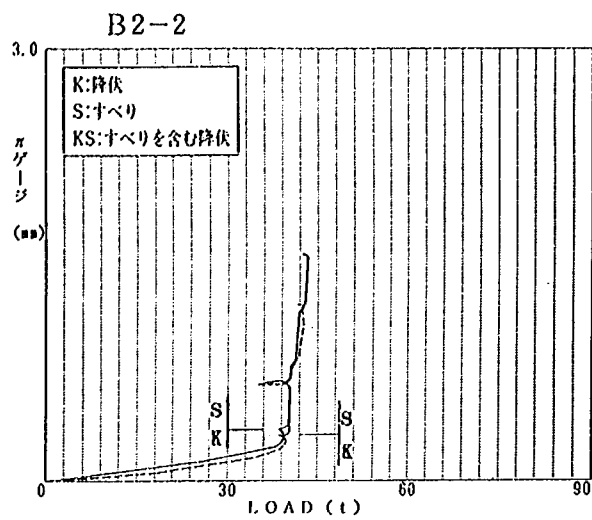
| 荷重(tf) | $\delta$ (実測) | 推定値1 | 推定値2 |
|--------|---------------|------|------|
| 1.03   | 0.29          | 0.27 | 0.29 |
| 2.04   | 0.51          | 0.54 | 0.57 |
| 3.10   | 0.78          | 0.83 | 0.87 |
| 4.02   | 1.02          | 1.07 | 1.13 |
| 4.97   | 1.30          | 1.33 | 1.40 |
| 5.96   | 1.60          | 1.59 | 1.68 |
| 6.93   | 1.81          | 1.85 | 1.95 |
| 7.96   | 2.11          | 2.12 | 2.24 |
| 9.06   | 2.40          | 2.42 | 2.55 |
| 10.07  | 2.70          | 2.69 | 2.84 |
| 11.09  | 2.99          | 2.96 | 3.13 |
| 12.00  | 3.19          | 3.20 | 3.38 |
| 12.95  | 3.39          | 3.45 | 3.65 |
| 14.00  | 3.68          | 3.73 | 3.95 |
| 14.96  | 3.97          | 3.99 | 4.22 |
| 16.09  | 4.27          | 4.29 | 4.54 |
| 16.99  | 4.47          | 4.53 | 4.79 |
| 18.02  | 4.87          | 4.81 | 5.08 |
| 19.08  | 5.17          | -    | -    |
| 20.03  | 5.46          | -    | -    |
| 20.96  | 5.76          | -    | -    |
| 22.03  | 6.46          | -    | -    |
| 23.06  | 7.55          | -    | -    |
| 24.01  | 7.85          | -    | -    |
| 24.92  | 8.36          | -    | -    |
| 25.65  | 8.84          | -    | -    |
| 26.55  | 9.63          | -    | -    |
| 27.38  | 12.70         | -    | -    |
| 28.04  | 17.06         | -    | -    |
| 28.53  | 18.33         | -    | -    |
| 28.78  | 23.16         | -    | -    |
| 29.39  | 32.21         | -    | -    |
| 29.81  | 40.04         | -    | -    |
|        |               |      |      |
|        |               |      |      |

※推定値1：等曲げ区間の平均板厚  
推定値2：等曲げ区間の断面最小板厚

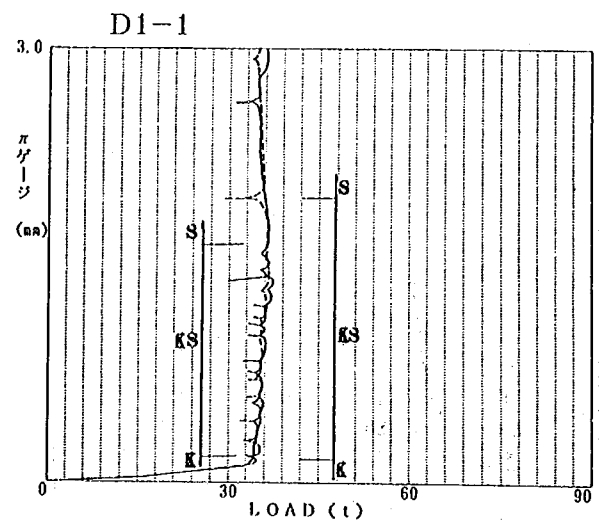
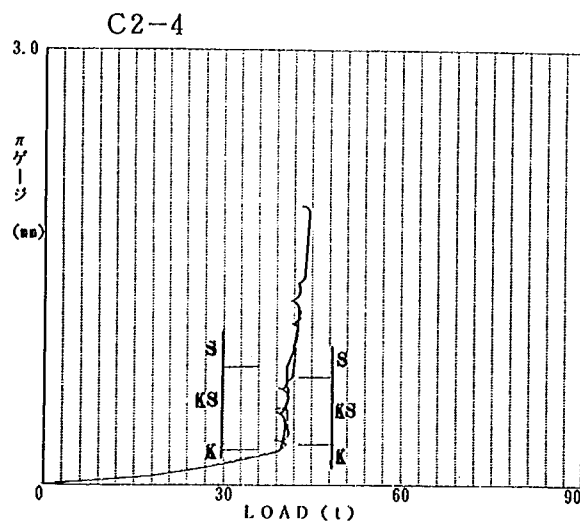
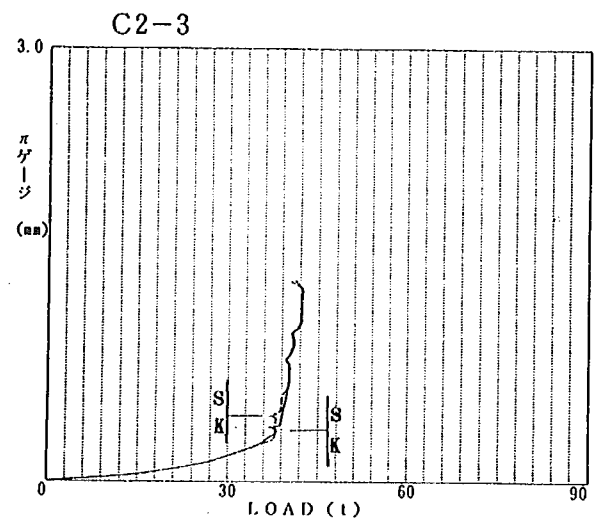
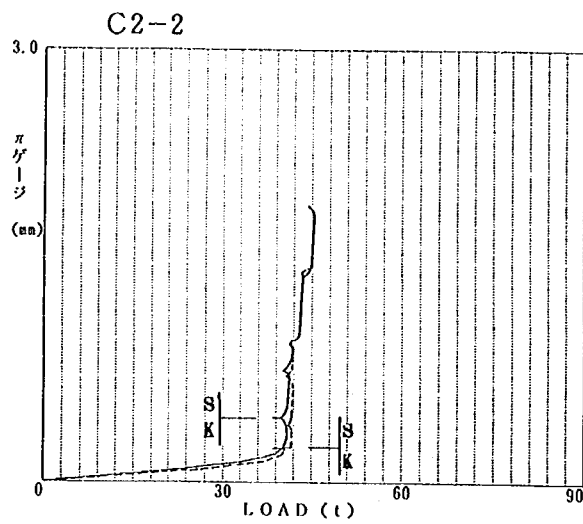
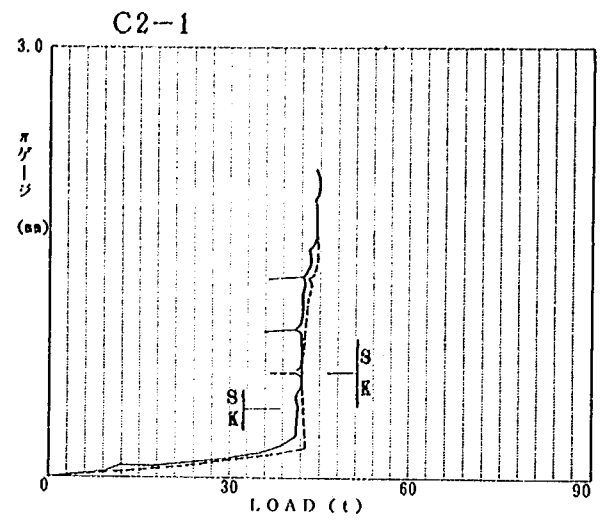
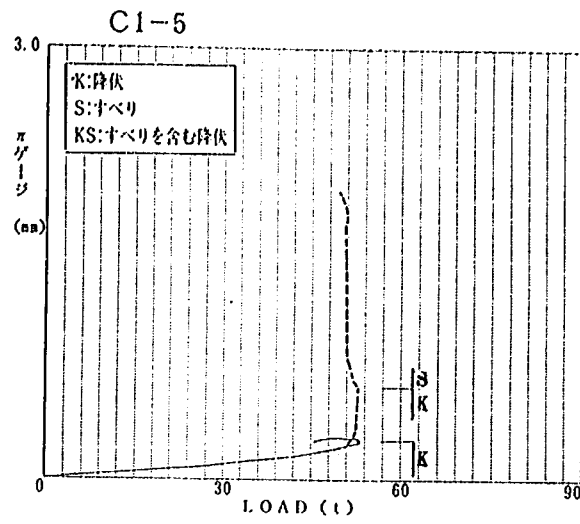
添接板補強した腐食試験体の $\pi$ ゲージ測定結果 (1)



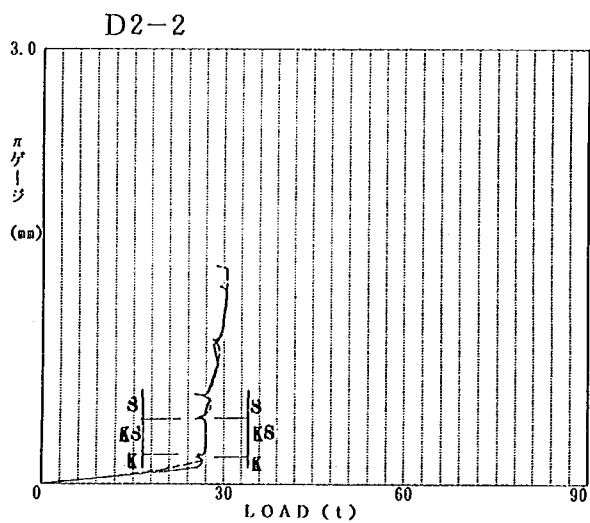
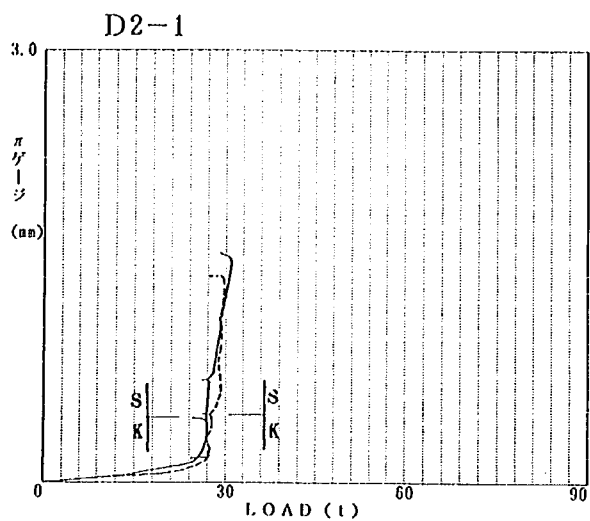
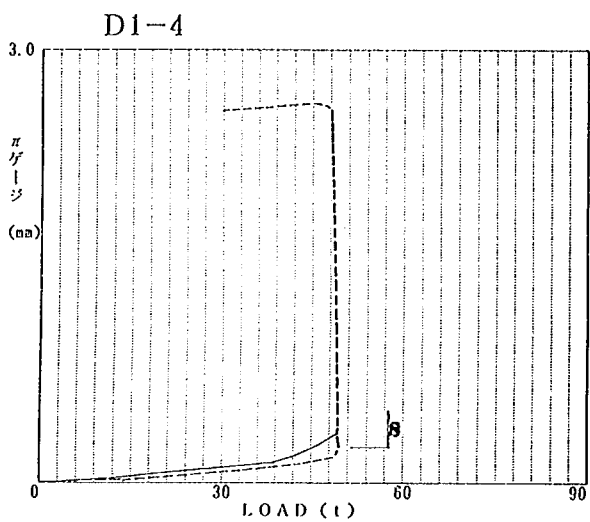
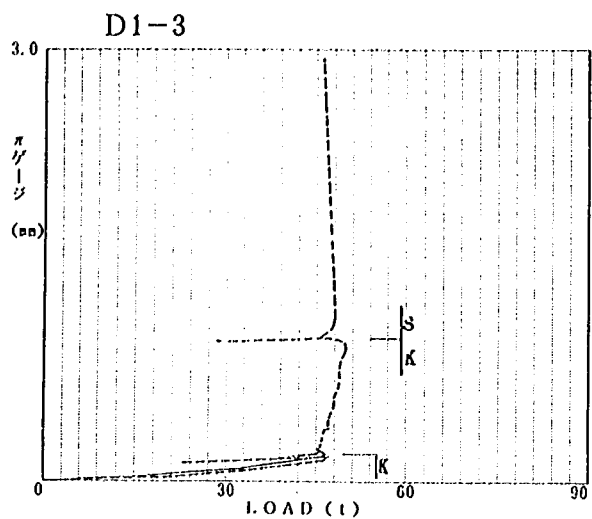
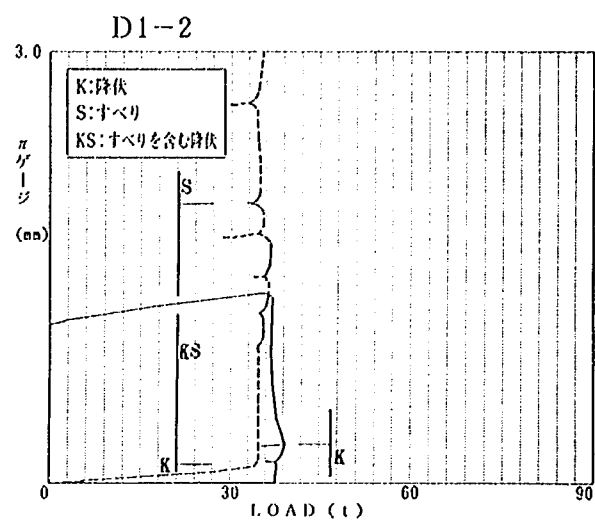
添接板補強した腐食試験体の $\pi$ ゲージ測定結果 (2)



添接板補強した腐食試験体の $\pi$ ゲージ測定結果 (3)



添接板補強した腐食試験体の  $\pi$  ゲージ測定結果 (4)



添接板補強した腐食試験体のひずみ分布 (1)

試験体 荷重 (tf)

| <table><tr><th>B1-1.5.0</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>190</td><td></td><td></td></tr><tr><td>ライン 2</td><td>80</td><td>59</td><td>61</td></tr><tr><td>ライン 3</td><td>89</td><td>82</td><td>86</td></tr><tr><td>ライン 4</td><td>66</td><td>66</td><td>64</td></tr><tr><td>ライン 5</td><td>91</td><td>81</td><td>89</td></tr><tr><td>ライン 6</td><td>64</td><td>64</td><td>62</td></tr><tr><td>ライン 7</td><td>85</td><td>82</td><td>88</td></tr><tr><td>ライン 8</td><td>72</td><td>62</td><td>63</td></tr><tr><td>ライン 9</td><td>186</td><td></td><td></td></tr></table>  | B1-1.5.0 | 母材    | 添接板 1 | 添接板 2 | ライン 1 | 190 |  |  | ライン 2 | 80  | 59 | 61 | ライン 3 | 89  | 82 | 86 | ライン 4 | 66 | 66 | 64 | ライン 5 | 91 | 81 | 89 | ライン 6 | 64 | 64 | 62 | ライン 7 | 85 | 82 | 88 | ライン 8 | 72 | 62 | 63 | ライン 9 | 186 |  |  | 0.40 | <table><tr><th>B1-1.9.8</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>377</td><td></td><td></td></tr><tr><td>ライン 2</td><td>159</td><td>114</td><td>116</td></tr><tr><td>ライン 3</td><td>176</td><td>162</td><td>170</td></tr><tr><td>ライン 4</td><td>127</td><td>127</td><td>126</td></tr><tr><td>ライン 5</td><td>180</td><td>162</td><td>177</td></tr><tr><td>ライン 6</td><td>123</td><td>129</td><td>124</td></tr><tr><td>ライン 7</td><td>166</td><td>163</td><td>173</td></tr><tr><td>ライン 8</td><td>141</td><td>116</td><td>124</td></tr><tr><td>ライン 9</td><td>368</td><td></td><td></td></tr></table>  | B1-1.9.8  | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 377 |  |  | ライン 2 | 159 | 114 | 116 | ライン 3 | 176 | 162 | 170 | ライン 4 | 127 | 127 | 126 | ライン 5 | 180 | 162 | 177 | ライン 6 | 123 | 129 | 124 | ライン 7 | 166 | 163 | 173 | ライン 8 | 141 | 116 | 124 | ライン 9 | 368 |  |  | 0.41 | <table><tr><th>B1-1.15.0</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>593</td><td></td><td></td></tr><tr><td>ライン 2</td><td>272</td><td>179</td><td>185</td></tr><tr><td>ライン 3</td><td>260</td><td>274</td><td>280</td></tr><tr><td>ライン 4</td><td>197</td><td>207</td><td>214</td></tr><tr><td>ライン 5</td><td>282</td><td>253</td><td>277</td></tr><tr><td>ライン 6</td><td>191</td><td>226</td><td>208</td></tr><tr><td>ライン 7</td><td>256</td><td>258</td><td>271</td></tr><tr><td>ライン 8</td><td>264</td><td>174</td><td>186</td></tr><tr><td>ライン 9</td><td>578</td><td></td><td></td></tr></table> | B1-1.15.0 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 593 |  |  | ライン 2 | 272 | 179 | 185 | ライン 3 | 260 | 274 | 280 | ライン 4 | 197 | 207 | 214 | ライン 5 | 282 | 253 | 277 | ライン 6 | 191 | 226 | 208 | ライン 7 | 256 | 258 | 271 | ライン 8 | 264 | 174 | 186 | ライン 9 | 578 |  |  | 0.43 | <table><tr><th>B1-1.20.0</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>808</td><td></td><td></td></tr><tr><td>ライン 2</td><td>393</td><td>241</td><td>257</td></tr><tr><td>ライン 3</td><td>369</td><td>344</td><td>348</td></tr><tr><td>ライン 4</td><td>267</td><td>299</td><td>297</td></tr><tr><td>ライン 5</td><td>383</td><td>343</td><td>376</td></tr><tr><td>ライン 6</td><td>257</td><td>323</td><td>307</td></tr><tr><td>ライン 7</td><td>340</td><td>352</td><td>368</td></tr><tr><td>ライン 8</td><td>381</td><td>227</td><td>241</td></tr><tr><td>ライン 9</td><td>690</td><td></td><td></td></tr></table> | B1-1.20.0 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 808 |  |  | ライン 2 | 393 | 241 | 257 | ライン 3 | 369 | 344 | 348 | ライン 4 | 267 | 299 | 297 | ライン 5 | 383 | 343 | 376 | ライン 6 | 257 | 323 | 307 | ライン 7 | 340 | 352 | 368 | ライン 8 | 381 | 227 | 241 | ライン 9 | 690 |  |  | 0.44 | <table><tr><th>B1-1.30.0</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>1273</td><td></td><td></td></tr><tr><td>ライン 2</td><td>769</td><td>249</td><td>204</td></tr><tr><td>ライン 3</td><td>553</td><td>551</td><td>537</td></tr><tr><td>ライン 4</td><td>401</td><td>485</td><td>438</td></tr><tr><td>ライン 5</td><td>609</td><td>545</td><td>590</td></tr><tr><td>ライン 6</td><td>379</td><td>469</td><td>501</td></tr><tr><td>ライン 7</td><td>497</td><td>564</td><td>586</td></tr><tr><td>ライン 8</td><td>684</td><td>249</td><td>270</td></tr><tr><td>ライン 9</td><td>1241</td><td></td><td></td></tr></table> | B1-1.30.0 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 1273 |  |  | ライン 2 | 769 | 249 | 204 | ライン 3 | 553 | 551 | 537 | ライン 4 | 401 | 485 | 438 | ライン 5 | 609 | 545 | 590 | ライン 6 | 379 | 469 | 501 | ライン 7 | 497 | 564 | 586 | ライン 8 | 684 | 249 | 270 | ライン 9 | 1241 |  |  | 0.63 | <table><tr><th>B1-1.39.9</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>1879</td><td></td><td></td></tr><tr><td>ライン 2</td><td>1004</td><td>266</td><td>290</td></tr><tr><td>ライン 3</td><td>730</td><td>781</td><td>716</td></tr><tr><td>ライン 4</td><td>531</td><td>621</td><td>563</td></tr><tr><td>ライン 5</td><td>861</td><td>759</td><td>816</td></tr><tr><td>ライン 6</td><td>488</td><td>550</td><td>632</td></tr><tr><td>ライン 7</td><td>624</td><td>745</td><td>839</td></tr><tr><td>ライン 8</td><td>834</td><td>228</td><td>247</td></tr><tr><td>ライン 9</td><td>1856</td><td></td><td></td></tr></table>  | B1-1.39.9 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 1879 |  |  | ライン 2 | 1004 | 266 | 290 | ライン 3 | 730  | 781 | 716 | ライン 4 | 531 | 621 | 563 | ライン 5 | 861 | 759 | 816 | ライン 6 | 488 | 550 | 632 | ライン 7 | 624 | 745 | 839 | ライン 8 | 834  | 228 | 247 | ライン 9 | 1856 |  |  | 0.64 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|-------|-------|-------|-----|--|--|-------|-----|----|----|-------|-----|----|----|-------|----|----|----|-------|----|----|----|-------|----|----|----|-------|----|----|----|-------|----|----|----|-------|-----|--|--|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----|-------|-------|-------|-----|--|--|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|--|--|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----|-------|-------|-------|-----|--|--|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|--|--|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----|-------|-------|-------|-----|--|--|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|--|--|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----|-------|-------|-------|------|--|--|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|------|--|--|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----|-------|-------|-------|------|--|--|-------|------|-----|-----|-------|------|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|------|-----|-----|-------|------|--|--|------|
| B1-1.5.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 190      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 80       | 59    | 61    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 89       | 82    | 86    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 66       | 66    | 64    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 91       | 81    | 89    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 64       | 64    | 62    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 85       | 82    | 88    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 72       | 62    | 63    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 186      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-1.9.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 377      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 159      | 114   | 116   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 176      | 162   | 170   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 127      | 127   | 126   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 180      | 162   | 177   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 123      | 129   | 124   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 166      | 163   | 173   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 141      | 116   | 124   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 368      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-1.15.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 593      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 272      | 179   | 185   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 260      | 274   | 280   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 197      | 207   | 214   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 282      | 253   | 277   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 191      | 226   | 208   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 256      | 258   | 271   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 264      | 174   | 186   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 578      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-1.20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 808      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 393      | 241   | 257   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 369      | 344   | 348   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 267      | 299   | 297   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 383      | 343   | 376   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 257      | 323   | 307   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 340      | 352   | 368   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 381      | 227   | 241   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 690      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-1.30.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1273     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 769      | 249   | 204   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 553      | 551   | 537   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 401      | 485   | 438   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 609      | 545   | 590   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 379      | 469   | 501   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 497      | 564   | 586   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 684      | 249   | 270   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1241     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-1.39.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1879     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1004     | 266   | 290   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 730      | 781   | 716   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 531      | 621   | 563   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 861      | 759   | 816   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 488      | 550   | 632   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 624      | 745   | 839   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 834      | 228   | 247   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1856     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| <table><tr><th>B1-2.5.2</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>194</td><td></td><td></td></tr><tr><td>ライン 2</td><td>81</td><td>70</td><td>68</td></tr><tr><td>ライン 3</td><td>95</td><td>90</td><td>89</td></tr><tr><td>ライン 4</td><td>71</td><td>71</td><td>72</td></tr><tr><td>ライン 5</td><td>94</td><td>91</td><td>85</td></tr><tr><td>ライン 6</td><td>73</td><td>73</td><td>72</td></tr><tr><td>ライン 7</td><td>96</td><td>85</td><td>86</td></tr><tr><td>ライン 8</td><td>83</td><td>71</td><td>69</td></tr><tr><td>ライン 9</td><td>197</td><td></td><td></td></tr></table>  | B1-2.5.2 | 母材    | 添接板 1 | 添接板 2 | ライン 1 | 194 |  |  | ライン 2 | 81  | 70 | 68 | ライン 3 | 95  | 90 | 89 | ライン 4 | 71 | 71 | 72 | ライン 5 | 94 | 91 | 85 | ライン 6 | 73 | 73 | 72 | ライン 7 | 96 | 85 | 86 | ライン 8 | 83 | 71 | 69 | ライン 9 | 197 |  |  | 0.37 | <table><tr><th>B1-2.9.9</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>370</td><td></td><td></td></tr><tr><td>ライン 2</td><td>181</td><td>128</td><td>120</td></tr><tr><td>ライン 3</td><td>186</td><td>171</td><td>171</td></tr><tr><td>ライン 4</td><td>141</td><td>140</td><td>141</td></tr><tr><td>ライン 5</td><td>182</td><td>172</td><td>165</td></tr><tr><td>ライン 6</td><td>141</td><td>138</td><td>143</td></tr><tr><td>ライン 7</td><td>188</td><td>165</td><td>168</td></tr><tr><td>ライン 8</td><td>163</td><td>133</td><td>130</td></tr><tr><td>ライン 9</td><td>380</td><td></td><td></td></tr></table>  | B1-2.9.9  | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 370 |  |  | ライン 2 | 181 | 128 | 120 | ライン 3 | 186 | 171 | 171 | ライン 4 | 141 | 140 | 141 | ライン 5 | 182 | 172 | 165 | ライン 6 | 141 | 138 | 143 | ライン 7 | 188 | 165 | 168 | ライン 8 | 163 | 133 | 130 | ライン 9 | 380 |  |  | 0.42 | <table><tr><th>B1-2.15.3</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>583</td><td></td><td></td></tr><tr><td>ライン 2</td><td>317</td><td>184</td><td>165</td></tr><tr><td>ライン 3</td><td>293</td><td>269</td><td>275</td></tr><tr><td>ライン 4</td><td>222</td><td>225</td><td>230</td></tr><tr><td>ライン 5</td><td>284</td><td>268</td><td>264</td></tr><tr><td>ライン 6</td><td>217</td><td>215</td><td>215</td></tr><tr><td>ライン 7</td><td>297</td><td>267</td><td>269</td></tr><tr><td>ライン 8</td><td>318</td><td>211</td><td>169</td></tr><tr><td>ライン 9</td><td>603</td><td></td><td></td></tr></table> | B1-2.15.3 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 583 |  |  | ライン 2 | 317 | 184 | 165 | ライン 3 | 293 | 269 | 275 | ライン 4 | 222 | 225 | 230 | ライン 5 | 284 | 268 | 264 | ライン 6 | 217 | 215 | 215 | ライン 7 | 297 | 267 | 269 | ライン 8 | 318 | 211 | 169 | ライン 9 | 603 |  |  | 0.48 | <table><tr><th>B1-2.19.9</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>776</td><td></td><td></td></tr><tr><td>ライン 2</td><td>435</td><td>231</td><td>193</td></tr><tr><td>ライン 3</td><td>396</td><td>364</td><td>368</td></tr><tr><td>ライン 4</td><td>297</td><td>315</td><td>313</td></tr><tr><td>ライン 5</td><td>381</td><td>361</td><td>352</td></tr><tr><td>ライン 6</td><td>287</td><td>310</td><td>281</td></tr><tr><td>ライン 7</td><td>399</td><td>367</td><td>370</td></tr><tr><td>ライン 8</td><td>535</td><td>205</td><td>182</td></tr><tr><td>ライン 9</td><td>818</td><td></td><td></td></tr></table> | B1-2.19.9 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 776 |  |  | ライン 2 | 435 | 231 | 193 | ライン 3 | 396 | 364 | 368 | ライン 4 | 297 | 315 | 313 | ライン 5 | 381 | 361 | 352 | ライン 6 | 287 | 310 | 281 | ライン 7 | 399 | 367 | 370 | ライン 8 | 535 | 205 | 182 | ライン 9 | 818 |  |  | 0.51 | <table><tr><th>B1-2.29.9</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>1211</td><td></td><td></td></tr><tr><td>ライン 2</td><td>882</td><td>184</td><td>233</td></tr><tr><td>ライン 3</td><td>621</td><td>577</td><td>574</td></tr><tr><td>ライン 4</td><td>460</td><td>539</td><td>455</td></tr><tr><td>ライン 5</td><td>600</td><td>569</td><td>551</td></tr><tr><td>ライン 6</td><td>462</td><td>586</td><td>462</td></tr><tr><td>ライン 7</td><td>621</td><td>610</td><td>580</td></tr><tr><td>ライン 8</td><td>850</td><td>228</td><td>215</td></tr><tr><td>ライン 9</td><td>1278</td><td></td><td></td></tr></table> | B1-2.29.9 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 1211 |  |  | ライン 2 | 882 | 184 | 233 | ライン 3 | 621 | 577 | 574 | ライン 4 | 460 | 539 | 455 | ライン 5 | 600 | 569 | 551 | ライン 6 | 462 | 586 | 462 | ライン 7 | 621 | 610 | 580 | ライン 8 | 850 | 228 | 215 | ライン 9 | 1278 |  |  | 0.68 | <table><tr><th>B1-2.40.0</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>2485</td><td></td><td></td></tr><tr><td>ライン 2</td><td>1371</td><td>172</td><td>221</td></tr><tr><td>ライン 3</td><td>837</td><td>808</td><td>798</td></tr><tr><td>ライン 4</td><td>506</td><td>682</td><td>573</td></tr><tr><td>ライン 5</td><td>858</td><td>794</td><td>767</td></tr><tr><td>ライン 6</td><td>629</td><td>784</td><td>668</td></tr><tr><td>ライン 7</td><td>850</td><td>884</td><td>810</td></tr><tr><td>ライン 8</td><td>1163</td><td>230</td><td>220</td></tr><tr><td>ライン 9</td><td>1810</td><td></td><td></td></tr></table> | B1-2.40.0 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 2485 |  |  | ライン 2 | 1371 | 172 | 221 | ライン 3 | 837  | 808 | 798 | ライン 4 | 506 | 682 | 573 | ライン 5 | 858 | 794 | 767 | ライン 6 | 629 | 784 | 668 | ライン 7 | 850 | 884 | 810 | ライン 8 | 1163 | 230 | 220 | ライン 9 | 1810 |  |  | 0.78 |
| B1-2.5.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 194      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 81       | 70    | 68    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 95       | 90    | 89    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 71       | 71    | 72    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 94       | 91    | 85    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 73       | 73    | 72    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 96       | 85    | 86    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 83       | 71    | 69    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 197      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-2.9.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 370      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 181      | 128   | 120   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 186      | 171   | 171   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 141      | 140   | 141   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 182      | 172   | 165   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 141      | 138   | 143   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 188      | 165   | 168   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 163      | 133   | 130   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 380      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-2.15.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 583      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 317      | 184   | 165   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 293      | 269   | 275   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 222      | 225   | 230   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 284      | 268   | 264   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 217      | 215   | 215   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 297      | 267   | 269   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 318      | 211   | 169   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 603      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-2.19.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 776      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 435      | 231   | 193   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 396      | 364   | 368   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 297      | 315   | 313   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 381      | 361   | 352   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 287      | 310   | 281   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 399      | 367   | 370   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 535      | 205   | 182   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 818      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-2.29.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1211     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 882      | 184   | 233   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 621      | 577   | 574   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 460      | 539   | 455   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 600      | 569   | 551   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 462      | 586   | 462   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 621      | 610   | 580   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 850      | 228   | 215   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1278     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-2.40.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2485     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                                                                                                                                                                     |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1371     | 172   | 221   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 837      | 808   | 798   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                                                                                                                                                                     |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 506      | 682   | 573   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 858      | 794   | 767   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 629      | 784   | 668   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 850      | 884   | 810   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                                                                                                                                                                     |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1163     | 230   | 220   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1810     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| <table><tr><th>B1-3.5.3</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>207</td><td></td><td></td></tr><tr><td>ライン 2</td><td>86</td><td>72</td><td>74</td></tr><tr><td>ライン 3</td><td>100</td><td>93</td><td>91</td></tr><tr><td>ライン 4</td><td>74</td><td>75</td><td>76</td></tr><tr><td>ライン 5</td><td>98</td><td>93</td><td>90</td></tr><tr><td>ライン 6</td><td>72</td><td>74</td><td>75</td></tr><tr><td>ライン 7</td><td>94</td><td>97</td><td>91</td></tr><tr><td>ライン 8</td><td>79</td><td>71</td><td>74</td></tr><tr><td>ライン 9</td><td>203</td><td></td><td></td></tr></table> | B1-3.5.3 | 母材    | 添接板 1 | 添接板 2 | ライン 1 | 207 |  |  | ライン 2 | 86  | 72 | 74 | ライン 3 | 100 | 93 | 91 | ライン 4 | 74 | 75 | 76 | ライン 5 | 98 | 93 | 90 | ライン 6 | 72 | 74 | 75 | ライン 7 | 94 | 97 | 91 | ライン 8 | 79 | 71 | 74 | ライン 9 | 203 |  |  | 0.37 | <table><tr><th>B1-3.9.9</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>389</td><td></td><td></td></tr><tr><td>ライン 2</td><td>170</td><td>126</td><td>132</td></tr><tr><td>ライン 3</td><td>185</td><td>172</td><td>171</td></tr><tr><td>ライン 4</td><td>116</td><td>138</td><td>138</td></tr><tr><td>ライン 5</td><td>182</td><td>170</td><td>170</td></tr><tr><td>ライン 6</td><td>134</td><td>139</td><td>137</td></tr><tr><td>ライン 7</td><td>173</td><td>180</td><td>173</td></tr><tr><td>ライン 8</td><td>150</td><td>118</td><td>130</td></tr><tr><td>ライン 9</td><td>382</td><td></td><td></td></tr></table>  | B1-3.9.9  | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 389 |  |  | ライン 2 | 170 | 126 | 132 | ライン 3 | 185 | 172 | 171 | ライン 4 | 116 | 138 | 138 | ライン 5 | 182 | 170 | 170 | ライン 6 | 134 | 139 | 137 | ライン 7 | 173 | 180 | 173 | ライン 8 | 150 | 118 | 130 | ライン 9 | 382 |  |  | 0.40 | <table><tr><th>B1-3.15.0</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>605</td><td></td><td></td></tr><tr><td>ライン 2</td><td>317</td><td>183</td><td>167</td></tr><tr><td>ライン 3</td><td>282</td><td>264</td><td>271</td></tr><tr><td>ライン 4</td><td>216</td><td>221</td><td>208</td></tr><tr><td>ライン 5</td><td>280</td><td>259</td><td>266</td></tr><tr><td>ライン 6</td><td>209</td><td>238</td><td>209</td></tr><tr><td>ライン 7</td><td>263</td><td>279</td><td>271</td></tr><tr><td>ライン 8</td><td>277</td><td>190</td><td>179</td></tr><tr><td>ライン 9</td><td>593</td><td></td><td></td></tr></table> | B1-3.15.0 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 605 |  |  | ライン 2 | 317 | 183 | 167 | ライン 3 | 282 | 264 | 271 | ライン 4 | 216 | 221 | 208 | ライン 5 | 280 | 259 | 266 | ライン 6 | 209 | 238 | 209 | ライン 7 | 263 | 279 | 271 | ライン 8 | 277 | 190 | 179 | ライン 9 | 593 |  |  | 0.48 | <table><tr><th>B1-3.20.0</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>827</td><td></td><td></td></tr><tr><td>ライン 2</td><td>452</td><td>245</td><td>197</td></tr><tr><td>ライン 3</td><td>378</td><td>362</td><td>373</td></tr><tr><td>ライン 4</td><td>290</td><td>297</td><td>381</td></tr><tr><td>ライン 5</td><td>379</td><td>350</td><td>368</td></tr><tr><td>ライン 6</td><td>282</td><td>326</td><td>276</td></tr><tr><td>ライン 7</td><td>351</td><td>381</td><td>373</td></tr><tr><td>ライン 8</td><td>403</td><td>258</td><td>246</td></tr><tr><td>ライン 9</td><td>811</td><td></td><td></td></tr></table> | B1-3.20.0 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 827 |  |  | ライン 2 | 452 | 245 | 197 | ライン 3 | 378 | 362 | 373 | ライン 4 | 290 | 297 | 381 | ライン 5 | 379 | 350 | 368 | ライン 6 | 282 | 326 | 276 | ライン 7 | 351 | 381 | 373 | ライン 8 | 403 | 258 | 246 | ライン 9 | 811 |  |  | 0.51 | <table><tr><th>B1-3.30.0</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>1322</td><td></td><td></td></tr><tr><td>ライン 2</td><td>806</td><td>261</td><td>193</td></tr><tr><td>ライン 3</td><td>574</td><td>586</td><td>597</td></tr><tr><td>ライン 4</td><td>437</td><td>413</td><td>439</td></tr><tr><td>ライン 5</td><td>590</td><td>562</td><td>571</td></tr><tr><td>ライン 6</td><td>424</td><td>455</td><td>439</td></tr><tr><td>ライン 7</td><td>525</td><td>618</td><td>606</td></tr><tr><td>ライン 8</td><td>706</td><td>278</td><td>275</td></tr><tr><td>ライン 9</td><td>1315</td><td></td><td></td></tr></table> | B1-3.30.0 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 1322 |  |  | ライン 2 | 806 | 261 | 193 | ライン 3 | 574 | 586 | 597 | ライン 4 | 437 | 413 | 439 | ライン 5 | 590 | 562 | 571 | ライン 6 | 424 | 455 | 439 | ライン 7 | 525 | 618 | 606 | ライン 8 | 706 | 278 | 275 | ライン 9 | 1315 |  |  | 0.64 | <table><tr><th>B1-3.39.8</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>1886</td><td></td><td></td></tr><tr><td>ライン 2</td><td>1217</td><td>265</td><td>204</td></tr><tr><td>ライン 3</td><td>758</td><td>825</td><td>832</td></tr><tr><td>ライン 4</td><td>566</td><td>502</td><td>619</td></tr><tr><td>ライン 5</td><td>812</td><td>782</td><td>806</td></tr><tr><td>ライン 6</td><td>543</td><td>524</td><td>588</td></tr><tr><td>ライン 7</td><td>675</td><td>884</td><td>845</td></tr><tr><td>ライン 8</td><td>889</td><td>284</td><td>271</td></tr><tr><td>ライン 9</td><td>1913</td><td></td><td></td></tr></table>  | B1-3.39.8 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 1886 |  |  | ライン 2 | 1217 | 265 | 204 | ライン 3 | 758  | 825 | 832 | ライン 4 | 566 | 502 | 619 | ライン 5 | 812 | 782 | 806 | ライン 6 | 543 | 524 | 588 | ライン 7 | 675 | 884 | 845 | ライン 8 | 889  | 284 | 271 | ライン 9 | 1913 |  |  | 0.72 |
| B1-3.5.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 207      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 86       | 72    | 74    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 100      | 93    | 91    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 74       | 75    | 76    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 98       | 93    | 90    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 72       | 74    | 75    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 94       | 97    | 91    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 79       | 71    | 74    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 203      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-3.9.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 389      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 170      | 126   | 132   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 185      | 172   | 171   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 116      | 138   | 138   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 182      | 170   | 170   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 134      | 139   | 137   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 173      | 180   | 173   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 150      | 118   | 130   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 382      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-3.15.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 605      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 317      | 183   | 167   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 282      | 264   | 271   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 216      | 221   | 208   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 280      | 259   | 266   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 209      | 238   | 209   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 263      | 279   | 271   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 277      | 190   | 179   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 593      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-3.20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 827      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 452      | 245   | 197   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 378      | 362   | 373   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 290      | 297   | 381   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 379      | 350   | 368   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 282      | 326   | 276   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 351      | 381   | 373   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 403      | 258   | 246   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 811      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-3.30.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1322     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 806      | 261   | 193   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 574      | 586   | 597   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 437      | 413   | 439   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 590      | 562   | 571   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 424      | 455   | 439   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 525      | 618   | 606   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 706      | 278   | 275   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1315     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-3.39.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1886     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1217     | 265   | 204   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 758      | 825   | 832   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 566      | 502   | 619   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 812      | 782   | 806   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 543      | 524   | 588   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 675      | 884   | 845   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 889      | 284   | 271   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1913     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| <table><tr><th>B1-4.5.3</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>203</td><td></td><td></td></tr><tr><td>ライン 2</td><td>101</td><td>60</td><td>65</td></tr><tr><td>ライン 3</td><td>98</td><td>93</td><td>89</td></tr><tr><td>ライン 4</td><td>72</td><td>73</td><td>73</td></tr><tr><td>ライン 5</td><td>98</td><td>93</td><td>93</td></tr><tr><td>ライン 6</td><td>71</td><td>72</td><td>73</td></tr><tr><td>ライン 7</td><td>95</td><td>93</td><td>91</td></tr><tr><td>ライン 8</td><td>83</td><td>68</td><td>67</td></tr><tr><td>ライン 9</td><td>186</td><td></td><td></td></tr></table> | B1-4.5.3 | 母材    | 添接板 1 | 添接板 2 | ライン 1 | 203 |  |  | ライン 2 | 101 | 60 | 65 | ライン 3 | 98  | 93 | 89 | ライン 4 | 72 | 73 | 73 | ライン 5 | 98 | 93 | 93 | ライン 6 | 71 | 72 | 73 | ライン 7 | 95 | 93 | 91 | ライン 8 | 83 | 68 | 67 | ライン 9 | 186 |  |  | 0.45 | <table><tr><th>B1-4.9.9</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>384</td><td></td><td></td></tr><tr><td>ライン 2</td><td>204</td><td>97</td><td>104</td></tr><tr><td>ライン 3</td><td>187</td><td>175</td><td>170</td></tr><tr><td>ライン 4</td><td>134</td><td>133</td><td>137</td></tr><tr><td>ライン 5</td><td>187</td><td>173</td><td>175</td></tr><tr><td>ライン 6</td><td>133</td><td>133</td><td>141</td></tr><tr><td>ライン 7</td><td>181</td><td>175</td><td>173</td></tr><tr><td>ライン 8</td><td>172</td><td>117</td><td>115</td></tr><tr><td>ライン 9</td><td>354</td><td></td><td></td></tr></table>   | B1-4.9.9  | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 384 |  |  | ライン 2 | 204 | 97  | 104 | ライン 3 | 187 | 175 | 170 | ライン 4 | 134 | 133 | 137 | ライン 5 | 187 | 173 | 175 | ライン 6 | 133 | 133 | 141 | ライン 7 | 181 | 175 | 173 | ライン 8 | 172 | 117 | 115 | ライン 9 | 354 |  |  | 0.50 | <table><tr><th>B1-4.15.0</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>593</td><td></td><td></td></tr><tr><td>ライン 2</td><td>362</td><td>96</td><td>129</td></tr><tr><td>ライン 3</td><td>290</td><td>269</td><td>265</td></tr><tr><td>ライン 4</td><td>206</td><td>214</td><td>217</td></tr><tr><td>ライン 5</td><td>284</td><td>266</td><td>270</td></tr><tr><td>ライン 6</td><td>201</td><td>201</td><td>213</td></tr><tr><td>ライン 7</td><td>278</td><td>270</td><td>266</td></tr><tr><td>ライン 8</td><td>298</td><td>156</td><td>147</td></tr><tr><td>ライン 9</td><td>544</td><td></td><td></td></tr></table>  | B1-4.15.0 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 593 |  |  | ライン 2 | 362 | 96  | 129 | ライン 3 | 290 | 269 | 265 | ライン 4 | 206 | 214 | 217 | ライン 5 | 284 | 266 | 270 | ライン 6 | 201 | 201 | 213 | ライン 7 | 278 | 270 | 266 | ライン 8 | 298 | 156 | 147 | ライン 9 | 544 |  |  | 0.62 | <table><tr><th>B1-4.20.0</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>803</td><td></td><td></td></tr><tr><td>ライン 2</td><td>520</td><td>87</td><td>125</td></tr><tr><td>ライン 3</td><td>401</td><td>367</td><td>358</td></tr><tr><td>ライン 4</td><td>280</td><td>306</td><td>302</td></tr><tr><td>ライン 5</td><td>383</td><td>360</td><td>365</td></tr><tr><td>ライン 6</td><td>271</td><td>269</td><td>281</td></tr><tr><td>ライン 7</td><td>384</td><td>369</td><td>365</td></tr><tr><td>ライン 8</td><td>481</td><td>151</td><td>164</td></tr><tr><td>ライン 9</td><td>750</td><td></td><td></td></tr></table>  | B1-4.20.0 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 803 |  |  | ライン 2 | 520 | 87  | 125 | ライン 3 | 401 | 367 | 358 | ライン 4 | 280 | 306 | 302 | ライン 5 | 383 | 360 | 365 | ライン 6 | 271 | 269 | 281 | ライン 7 | 384 | 369 | 365 | ライン 8 | 481 | 151 | 164 | ライン 9 | 750 |  |  | 0.71 | <table><tr><th>B1-4.30.0</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>1263</td><td></td><td></td></tr><tr><td>ライン 2</td><td>928</td><td>40</td><td>81</td></tr><tr><td>ライン 3</td><td>660</td><td>566</td><td>557</td></tr><tr><td>ライン 4</td><td>430</td><td>506</td><td>431</td></tr><tr><td>ライン 5</td><td>598</td><td>560</td><td>564</td></tr><tr><td>ライン 6</td><td>418</td><td>427</td><td>407</td></tr><tr><td>ライン 7</td><td>625</td><td>575</td><td>570</td></tr><tr><td>ライン 8</td><td>940</td><td>119</td><td>129</td></tr><tr><td>ライン 9</td><td>1186</td><td></td><td></td></tr></table>   | B1-4.30.0 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 1263 |  |  | ライン 2 | 928 | 40  | 81  | ライン 3 | 660 | 566 | 557 | ライン 4 | 430 | 506 | 431 | ライン 5 | 598 | 560 | 564 | ライン 6 | 418 | 427 | 407 | ライン 7 | 625 | 575 | 570 | ライン 8 | 940 | 119 | 129 | ライン 9 | 1186 |  |  | 0.88 | <table><tr><th>B1-4.39.9</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>1773</td><td></td><td></td></tr><tr><td>ライン 2</td><td>1282</td><td>-9</td><td>58</td></tr><tr><td>ライン 3</td><td>1045</td><td>735</td><td>725</td></tr><tr><td>ライン 4</td><td>579</td><td>656</td><td>524</td></tr><tr><td>ライン 5</td><td>850</td><td>773</td><td>782</td></tr><tr><td>ライン 6</td><td>563</td><td>599</td><td>511</td></tr><tr><td>ライン 7</td><td>943</td><td>743</td><td>760</td></tr><tr><td>ライン 8</td><td>1506</td><td>68</td><td>76</td></tr><tr><td>ライン 9</td><td>1665</td><td></td><td></td></tr></table>    | B1-4.39.9 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 1773 |  |  | ライン 2 | 1282 | -9  | 58  | ライン 3 | 1045 | 735 | 725 | ライン 4 | 579 | 656 | 524 | ライン 5 | 850 | 773 | 782 | ライン 6 | 563 | 599 | 511 | ライン 7 | 943 | 743 | 760 | ライン 8 | 1506 | 68  | 76  | ライン 9 | 1665 |  |  | 0.96 |
| B1-4.5.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 203      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 101      | 60    | 65    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 98       | 93    | 89    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 72       | 73    | 73    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 98       | 93    | 93    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 71       | 72    | 73    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 95       | 93    | 91    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 83       | 68    | 67    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                                                                                                                                                                     |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 186      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-4.9.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 384      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 204      | 97    | 104   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 187      | 175   | 170   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 134      | 133   | 137   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 187      | 173   | 175   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 133      | 133   | 141   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 181      | 175   | 173   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 172      | 117   | 115   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 354      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-4.15.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 593      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 362      | 96    | 129   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 290      | 269   | 265   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 206      | 214   | 217   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 284      | 266   | 270   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 201      | 201   | 213   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 278      | 270   | 266   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 298      | 156   | 147   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 544      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-4.20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 803      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 520      | 87    | 125   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 401      | 367   | 358   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 280      | 306   | 302   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 383      | 360   | 365   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 271      | 269   | 281   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 384      | 369   | 365   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 481      | 151   | 164   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 750      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-4.30.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1263     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 928      | 40    | 81    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 660      | 566   | 557   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 430      | 506   | 431   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 598      | 560   | 564   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 418      | 427   | 407   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 625      | 575   | 570   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 940      | 119   | 129   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1186     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-4.39.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1773     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1282     | -9    | 58    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1045     | 735   | 725   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                                                                                                                                                                     |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 579      | 656   | 524   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                                                                                                                                                                     |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 850      | 773   | 782   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 563      | 599   | 511   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 943      | 743   | 760   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1506     | 68    | 76    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1665     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| <table><tr><th>B1-5.4.3</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>164</td><td></td><td></td></tr><tr><td>ライン 2</td><td>69</td><td>60</td><td>60</td></tr><tr><td>ライン 3</td><td>81</td><td>73</td><td>77</td></tr><tr><td>ライン 4</td><td>59</td><td>62</td><td>59</td></tr><tr><td>ライン 5</td><td>81</td><td>73</td><td>78</td></tr><tr><td>ライン 6</td><td>60</td><td>61</td><td>61</td></tr><tr><td>ライン 7</td><td>79</td><td>71</td><td>77</td></tr><tr><td>ライン 8</td><td>65</td><td>58</td><td>59</td></tr><tr><td>ライン 9</td><td>163</td><td></td><td></td></tr></table>  | B1-5.4.3 | 母材    | 添接板 1 | 添接板 2 | ライン 1 | 164 |  |  | ライン 2 | 69  | 60 | 60 | ライン 3 | 81  | 73 | 77 | ライン 4 | 59 | 62 | 59 | ライン 5 | 81 | 73 | 78 | ライン 6 | 60 | 61 | 61 | ライン 7 | 79 | 71 | 77 | ライン 8 | 65 | 58 | 59 | ライン 9 | 163 |  |  | 0.37 | <table><tr><th>B1-5.10.1</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>388</td><td></td><td></td></tr><tr><td>ライン 2</td><td>190</td><td>115</td><td>111</td></tr><tr><td>ライン 3</td><td>193</td><td>173</td><td>177</td></tr><tr><td>ライン 4</td><td>139</td><td>141</td><td>138</td></tr><tr><td>ライン 5</td><td>190</td><td>174</td><td>176</td></tr><tr><td>ライン 6</td><td>139</td><td>138</td><td>142</td></tr><tr><td>ライン 7</td><td>190</td><td>170</td><td>176</td></tr><tr><td>ライン 8</td><td>182</td><td>110</td><td>116</td></tr><tr><td>ライン 9</td><td>386</td><td></td><td></td></tr></table> | B1-5.10.1 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 388 |  |  | ライン 2 | 190 | 115 | 111 | ライン 3 | 193 | 173 | 177 | ライン 4 | 139 | 141 | 138 | ライン 5 | 190 | 174 | 176 | ライン 6 | 139 | 138 | 142 | ライン 7 | 190 | 170 | 176 | ライン 8 | 182 | 110 | 116 | ライン 9 | 386 |  |  | 0.46 | <table><tr><th>B1-5.14.1</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>546</td><td></td><td></td></tr><tr><td>ライン 2</td><td>297</td><td>129</td><td>135</td></tr><tr><td>ライン 3</td><td>273</td><td>246</td><td>251</td></tr><tr><td>ライン 4</td><td>192</td><td>196</td><td>192</td></tr><tr><td>ライン 5</td><td>267</td><td>247</td><td>251</td></tr><tr><td>ライン 6</td><td>196</td><td>201</td><td>199</td></tr><tr><td>ライン 7</td><td>267</td><td>240</td><td>249</td></tr><tr><td>ライン 8</td><td>281</td><td>129</td><td>150</td></tr><tr><td>ライン 9</td><td>545</td><td></td><td></td></tr></table> | B1-5.14.1 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 546 |  |  | ライン 2 | 297 | 129 | 135 | ライン 3 | 273 | 246 | 251 | ライン 4 | 192 | 196 | 192 | ライン 5 | 267 | 247 | 251 | ライン 6 | 196 | 201 | 199 | ライン 7 | 267 | 240 | 249 | ライン 8 | 281 | 129 | 150 | ライン 9 | 545 |  |  | 0.53 | <table><tr><th>B1-5.20.1</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>791</td><td></td><td></td></tr><tr><td>ライン 2</td><td>435</td><td>124</td><td>158</td></tr><tr><td>ライン 3</td><td>393</td><td>357</td><td>364</td></tr><tr><td>ライン 4</td><td>266</td><td>270</td><td>264</td></tr><tr><td>ライン 5</td><td>386</td><td>358</td><td>358</td></tr><tr><td>ライン 6</td><td>273</td><td>281</td><td>274</td></tr><tr><td>ライン 7</td><td>379</td><td>349</td><td>361</td></tr><tr><td>ライン 8</td><td>427</td><td>135</td><td>197</td></tr><tr><td>ライン 9</td><td>793</td><td></td><td></td></tr></table> | B1-5.20.1 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 791 |  |  | ライン 2 | 435 | 124 | 158 | ライン 3 | 393 | 357 | 364 | ライン 4 | 266 | 270 | 264 | ライン 5 | 386 | 358 | 358 | ライン 6 | 273 | 281 | 274 | ライン 7 | 379 | 349 | 361 | ライン 8 | 427 | 135 | 197 | ライン 9 | 793 |  |  | 0.61 | <table><tr><th>B1-5.30.0</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>1238</td><td></td><td></td></tr><tr><td>ライン 2</td><td>763</td><td>115</td><td>197</td></tr><tr><td>ライン 3</td><td>603</td><td>541</td><td>574</td></tr><tr><td>ライン 4</td><td>369</td><td>361</td><td>360</td></tr><tr><td>ライン 5</td><td>611</td><td>563</td><td>541</td></tr><tr><td>ライン 6</td><td>375</td><td>383</td><td>360</td></tr><tr><td>ライン 7</td><td>600</td><td>549</td><td>560</td></tr><tr><td>ライン 8</td><td>847</td><td>85</td><td>93</td></tr><tr><td>ライン 9</td><td>1263</td><td></td><td></td></tr></table>   | B1-5.30.0 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 1238 |  |  | ライン 2 | 763 | 115 | 197 | ライン 3 | 603 | 541 | 574 | ライン 4 | 369 | 361 | 360 | ライン 5 | 611 | 563 | 541 | ライン 6 | 375 | 383 | 360 | ライン 7 | 600 | 549 | 560 | ライン 8 | 847 | 85  | 93  | ライン 9 | 1263 |  |  | 0.71 | <table><tr><th>B1-5.40.0</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>1782</td><td></td><td></td></tr><tr><td>ライン 2</td><td>1391</td><td>-38</td><td>-12</td></tr><tr><td>ライン 3</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                   | B1-5.40.0 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 1782 |  |  | ライン 2 | 1391 | -38 | -12 | ライン 3 |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-5.4.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 164      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 69       | 60    | 60    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 81       | 73    | 77    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 59       | 62    | 59    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 81       | 73    | 78    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 60       | 61    | 61    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 79       | 71    | 77    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 65       | 58    | 59    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 163      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-5.10.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 388      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 190      | 115   | 111   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 193      | 173   | 177   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 139      | 141   | 138   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 190      | 174   | 176   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 139      | 138   | 142   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 190      | 170   | 176   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 182      | 110   | 116   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 386      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-5.14.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 546      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 297      | 129   | 135   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 273      | 246   | 251   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 192      | 196   | 192   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 267      | 247   | 251   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 196      | 201   | 199   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 267      | 240   | 249   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 281      | 129   | 150   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 545      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-5.20.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 791      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 435      | 124   | 158   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 393      | 357   | 364   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 266      | 270   | 264   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 386      | 358   | 358   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 273      | 281   | 274   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 379      | 349   | 361   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 427      | 135   | 197   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 793      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-5.30.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1238     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 763      | 115   | 197   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 603      | 541   | 574   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 369      | 361   | 360   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                       |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 611      | 563   | 541   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 375      | 383   | 360   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                     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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 600      | 549   | 560   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                             |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 847      | 85    | 93    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                             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                                                                                                                                                                                                                                                                                                     |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1263     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| B1-5.40.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1782     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1391     | -38   | -12   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |       |       |       |      |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |      |  |  |      |

添接板補強した腐食試験体のひずみ分布 (2)

| <table><tr><th>B2-1.4.9</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>194</td><td></td><td></td></tr><tr><td>ライン 2</td><td>124</td><td>30</td><td>31</td></tr><tr><td>ライン 3</td><td>97</td><td>87</td><td>82</td></tr><tr><td>ライン 4</td><td>63</td><td>56</td><td>60</td></tr><tr><td>ライン 5</td><td>90</td><td>85</td><td>85</td></tr><tr><td>ライン 6</td><td>61</td><td>59</td><td>56</td></tr><tr><td>ライン 7</td><td>96</td><td>84</td><td>86</td></tr><tr><td>ライン 8</td><td>120</td><td>27</td><td>29</td></tr><tr><td>ライン 9</td><td>186</td><td></td><td></td></tr></table>   | B2-1.4.9 | 母材    | 添接板 1 | 添接板 2 | ライン 1 | 194 |  |  | ライン 2 | 124 | 30 | 31 | ライン 3 | 97  | 87 | 82 | ライン 4 | 63 | 56 | 60 | ライン 5 | 90 | 85 | 85 | ライン 6 | 61 | 59 | 56 | ライン 7 | 96  | 84 | 86 | ライン 8 | 120 | 27 | 29 | ライン 9 | 186 |  |  | 0.67 | <table><tr><th>B2-1.9.7</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>397</td><td></td><td></td></tr><tr><td>ライン 2</td><td>263</td><td>54</td><td>58</td></tr><tr><td>ライン 3</td><td>197</td><td>177</td><td>170</td></tr><tr><td>ライン 4</td><td>123</td><td>109</td><td>116</td></tr><tr><td>ライン 5</td><td>181</td><td>172</td><td>171</td></tr><tr><td>ライン 6</td><td>117</td><td>111</td><td>109</td></tr><tr><td>ライン 7</td><td>187</td><td>172</td><td>176</td></tr><tr><td>ライン 8</td><td>239</td><td>52</td><td>55</td></tr><tr><td>ライン 9</td><td>382</td><td></td><td></td></tr></table>      | B2-1.9.7  | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 397 |  |  | ライン 2 | 263 | 54  | 58  | ライン 3 | 197 | 177 | 170 | ライン 4 | 123 | 109 | 116 | ライン 5 | 181 | 172 | 171 | ライン 6 | 117 | 111 | 109 | ライン 7 | 187 | 172 | 176 | ライン 8 | 239 | 52  | 55  | ライン 9 | 382 |  |  | 0.70 | <table><tr><th>B2-1.15.0</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>628</td><td></td><td></td></tr><tr><td>ライン 2</td><td>431</td><td>77</td><td>89</td></tr><tr><td>ライン 3</td><td>308</td><td>279</td><td>265</td></tr><tr><td>ライン 4</td><td>190</td><td>185</td><td>188</td></tr><tr><td>ライン 5</td><td>285</td><td>272</td><td>271</td></tr><tr><td>ライン 6</td><td>178</td><td>162</td><td>159</td></tr><tr><td>ライン 7</td><td>287</td><td>269</td><td>277</td></tr><tr><td>ライン 8</td><td>365</td><td>75</td><td>83</td></tr><tr><td>ライン 9</td><td>605</td><td></td><td></td></tr></table>     | B2-1.15.0 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 628 |  |  | ライン 2 | 431 | 77  | 89  | ライン 3 | 308 | 279 | 265 | ライン 4 | 190 | 185 | 188 | ライン 5 | 285 | 272 | 271 | ライン 6 | 178 | 162 | 159 | ライン 7 | 287 | 269 | 277 | ライン 8 | 365 | 75  | 83  | ライン 9 | 605 |  |  | 0.72 | <table><tr><th>B2-1.19.8</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>851</td><td></td><td></td></tr><tr><td>ライン 2</td><td>611</td><td>99</td><td>119</td></tr><tr><td>ライン 3</td><td>417</td><td>376</td><td>354</td></tr><tr><td>ライン 4</td><td>254</td><td>275</td><td>295</td></tr><tr><td>ライン 5</td><td>386</td><td>366</td><td>370</td></tr><tr><td>ライン 6</td><td>233</td><td>197</td><td>198</td></tr><tr><td>ライン 7</td><td>383</td><td>361</td><td>377</td></tr><tr><td>ライン 8</td><td>479</td><td>97</td><td>108</td></tr><tr><td>ライン 9</td><td>816</td><td></td><td></td></tr></table>   | B2-1.19.8 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 851 |  |  | ライン 2 | 611 | 99  | 119 | ライン 3 | 417 | 376 | 354 | ライン 4 | 254 | 275 | 295 | ライン 5 | 386 | 366 | 370 | ライン 6 | 233 | 197 | 198 | ライン 7 | 383 | 361 | 377 | ライン 8 | 479 | 97  | 108 | ライン 9 | 816 |  |  | 0.74 | <table><tr><th>B2-1.29.9</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>1366</td><td></td><td></td></tr><tr><td>ライン 2</td><td>1064</td><td>148</td><td>180</td></tr><tr><td>ライン 3</td><td>669</td><td>587</td><td>552</td></tr><tr><td>ライン 4</td><td>404</td><td>502</td><td>549</td></tr><tr><td>ライン 5</td><td>634</td><td>576</td><td>600</td></tr><tr><td>ライン 6</td><td>360</td><td>252</td><td>268</td></tr><tr><td>ライン 7</td><td>604</td><td>560</td><td>599</td></tr><tr><td>ライン 8</td><td>712</td><td>143</td><td>146</td></tr><tr><td>ライン 9</td><td>1314</td><td></td><td></td></tr></table> | B2-1.29.9 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 1366 |  |  | ライン 2 | 1064 | 148 | 180 | ライン 3 | 669  | 587 | 552 | ライン 4 | 404 | 502 | 549 | ライン 5 | 634 | 576 | 600 | ライン 6 | 360 | 252 | 268 | ライン 7 | 604  | 560 | 599 | ライン 8 | 712 | 143 | 146 | ライン 9 | 1314 |  |  | 0.76 | <table><tr><th>B2-1.40.3</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>2103</td><td></td><td></td></tr><tr><td>ライン 2</td><td>2273</td><td>165</td><td>166</td></tr><tr><td>ライン 3</td><td>1419</td><td>744</td><td>696</td></tr><tr><td>ライン 4</td><td>730</td><td>961</td><td>800</td></tr><tr><td>ライン 5</td><td>943</td><td>804</td><td>876</td></tr><tr><td>ライン 6</td><td>719</td><td>281</td><td>317</td></tr><tr><td>ライン 7</td><td>1402</td><td>744</td><td>791</td></tr><tr><td>ライン 8</td><td>459</td><td>-33</td><td>-138</td></tr><tr><td>ライン 9</td><td>1959</td><td></td><td></td></tr></table>       | B2-1.40.3 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 2103 |  |  | ライン 2 | 2273 | 165  | 166  | ライン 3 | 1419 | 744 | 696 | ライン 4 | 730  | 961 | 800 | ライン 5 | 943  | 804 | 876 | ライン 6 | 719  | 281 | 317 | ライン 7 | 1402 | 744 | 791 | ライン 8 | 459  | -33  | -138 | ライン 9 | 1959 |  |  | 0.87 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|-------|-------|-------|-----|--|--|-------|-----|----|----|-------|-----|----|----|-------|----|----|----|-------|----|----|----|-------|----|----|----|-------|-----|----|----|-------|-----|----|----|-------|-----|--|--|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----|-------|-------|-------|-----|--|--|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|--|--|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----|-------|-------|-------|-----|--|--|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|--|--|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----|-------|-------|-------|-----|--|--|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|--|--|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----|-------|-------|-------|------|--|--|-------|------|-----|-----|-------|------|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|------|-----|-----|-------|-----|-----|-----|-------|------|--|--|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----|-------|-------|-------|------|--|--|-------|------|------|------|-------|------|-----|-----|-------|------|-----|-----|-------|------|-----|-----|-------|------|-----|-----|-------|------|-----|-----|-------|------|------|------|-------|------|--|--|------|
| B2-1.4.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 194      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 124      | 30    | 31    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 97       | 87    | 82    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 63       | 56    | 60    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 90       | 85    | 85    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 61       | 59    | 56    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 96       | 84    | 86    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 120      | 27    | 29    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 186      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| B2-1.9.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 397      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 263      | 54    | 58    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 197      | 177   | 170   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 123      | 109   | 116   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 181      | 172   | 171   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 117      | 111   | 109   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 187      | 172   | 176   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 239      | 52    | 55    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 382      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| B2-1.15.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 628      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 431      | 77    | 89    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 308      | 279   | 265   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 190      | 185   | 188   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 285      | 272   | 271   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 178      | 162   | 159   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 287      | 269   | 277   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 365      | 75    | 83    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 605      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| B2-1.19.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 851      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 611      | 99    | 119   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 417      | 376   | 354   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 254      | 275   | 295   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 386      | 366   | 370   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 233      | 197   | 198   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 383      | 361   | 377   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 479      | 97    | 108   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 816      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| B2-1.29.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1366     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1064     | 148   | 180   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 669      | 587   | 552   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 404      | 502   | 549   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 634      | 576   | 600   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 360      | 252   | 268   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 604      | 560   | 599   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 712      | 143   | 146   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1314     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| B2-1.40.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2103     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2273     | 165   | 166   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1419     | 744   | 696   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 730      | 961   | 800   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 943      | 804   | 876   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 719      | 281   | 317   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1402     | 744   | 791   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 459      | -33   | -138  |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1959     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| <table><tr><th>B2-2.4.3</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>173</td><td></td><td></td></tr><tr><td>ライン 2</td><td>122</td><td>26</td><td>20</td></tr><tr><td>ライン 3</td><td>104</td><td>83</td><td>73</td></tr><tr><td>ライン 4</td><td>66</td><td>59</td><td>66</td></tr><tr><td>ライン 5</td><td>86</td><td>82</td><td>72</td></tr><tr><td>ライン 6</td><td>65</td><td>58</td><td>62</td></tr><tr><td>ライン 7</td><td>103</td><td>86</td><td>72</td></tr><tr><td>ライン 8</td><td>115</td><td>33</td><td>25</td></tr><tr><td>ライン 9</td><td>177</td><td></td><td></td></tr></table> | B2-2.4.3 | 母材    | 添接板 1 | 添接板 2 | ライン 1 | 173 |  |  | ライン 2 | 122 | 26 | 20 | ライン 3 | 104 | 83 | 73 | ライン 4 | 66 | 59 | 66 | ライン 5 | 86 | 82 | 72 | ライン 6 | 65 | 58 | 62 | ライン 7 | 103 | 86 | 72 | ライン 8 | 115 | 33 | 25 | ライン 9 | 177 |  |  | 0.73 | <table><tr><th>B2-2.10.1</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>413</td><td></td><td></td></tr><tr><td>ライン 2</td><td>303</td><td>43</td><td>34</td></tr><tr><td>ライン 3</td><td>274</td><td>189</td><td>163</td></tr><tr><td>ライン 4</td><td>163</td><td>126</td><td>138</td></tr><tr><td>ライン 5</td><td>204</td><td>189</td><td>166</td></tr><tr><td>ライン 6</td><td>160</td><td>128</td><td>131</td></tr><tr><td>ライン 7</td><td>269</td><td>197</td><td>163</td></tr><tr><td>ライン 8</td><td>282</td><td>65</td><td>42</td></tr><tr><td>ライン 9</td><td>422</td><td></td><td></td></tr></table>     | B2-2.10.1 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 413 |  |  | ライン 2 | 303 | 43  | 34  | ライン 3 | 274 | 189 | 163 | ライン 4 | 163 | 126 | 138 | ライン 5 | 204 | 189 | 166 | ライン 6 | 160 | 128 | 131 | ライン 7 | 269 | 197 | 163 | ライン 8 | 282 | 65  | 42  | ライン 9 | 422 |  |  | 0.80 | <table><tr><th>B2-2.14.2</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>587</td><td></td><td></td></tr><tr><td>ライン 2</td><td>438</td><td>46</td><td>39</td></tr><tr><td>ライン 3</td><td>421</td><td>261</td><td>221</td></tr><tr><td>ライン 4</td><td>245</td><td>191</td><td>178</td></tr><tr><td>ライン 5</td><td>297</td><td>266</td><td>236</td></tr><tr><td>ライン 6</td><td>238</td><td>163</td><td>173</td></tr><tr><td>ライン 7</td><td>415</td><td>271</td><td>224</td></tr><tr><td>ライン 8</td><td>406</td><td>81</td><td>46</td></tr><tr><td>ライン 9</td><td>603</td><td></td><td></td></tr></table>     | B2-2.14.2 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 587 |  |  | ライン 2 | 438 | 46  | 39  | ライン 3 | 421 | 261 | 221 | ライン 4 | 245 | 191 | 178 | ライン 5 | 297 | 266 | 236 | ライン 6 | 238 | 163 | 173 | ライン 7 | 415 | 271 | 224 | ライン 8 | 406 | 81  | 46  | ライン 9 | 603 |  |  | 0.84 | <table><tr><th>B2-2.20.2</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>854</td><td></td><td></td></tr><tr><td>ライン 2</td><td>637</td><td>41</td><td>46</td></tr><tr><td>ライン 3</td><td>692</td><td>347</td><td>278</td></tr><tr><td>ライン 4</td><td>395</td><td>271</td><td>227</td></tr><tr><td>ライン 5</td><td>449</td><td>380</td><td>337</td></tr><tr><td>ライン 6</td><td>381</td><td>207</td><td>223</td></tr><tr><td>ライン 7</td><td>682</td><td>359</td><td>294</td></tr><tr><td>ライン 8</td><td>589</td><td>88</td><td>47</td></tr><tr><td>ライン 9</td><td>876</td><td></td><td></td></tr></table>     | B2-2.20.2 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 854 |  |  | ライン 2 | 637 | 41  | 46  | ライン 3 | 692 | 347 | 278 | ライン 4 | 395 | 271 | 227 | ライン 5 | 449 | 380 | 337 | ライン 6 | 381 | 207 | 223 | ライン 7 | 682 | 359 | 294 | ライン 8 | 589 | 88  | 47  | ライン 9 | 876 |  |  | 0.88 | <table><tr><th>B2-2.30.2</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>1301</td><td></td><td></td></tr><tr><td>ライン 2</td><td>959</td><td>28</td><td>59</td></tr><tr><td>ライン 3</td><td>1237</td><td>422</td><td>344</td></tr><tr><td>ライン 4</td><td>713</td><td>322</td><td>279</td></tr><tr><td>ライン 5</td><td>785</td><td>555</td><td>523</td></tr><tr><td>ライン 6</td><td>690</td><td>256</td><td>261</td></tr><tr><td>ライン 7</td><td>1242</td><td>429</td><td>348</td></tr><tr><td>ライン 8</td><td>876</td><td>80</td><td>50</td></tr><tr><td>ライン 9</td><td>1331</td><td></td><td></td></tr></table>    | B2-2.30.2 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 1301 |  |  | ライン 2 | 959  | 28  | 59  | ライン 3 | 1237 | 422 | 344 | ライン 4 | 713 | 322 | 279 | ライン 5 | 785 | 555 | 523 | ライン 6 | 690 | 256 | 261 | ライン 7 | 1242 | 429 | 348 | ライン 8 | 876 | 80  | 50  | ライン 9 | 1331 |  |  | 0.92 | <table><tr><th>B2-2.39.9</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>1597</td><td></td><td></td></tr><tr><td>ライン 2</td><td>1389</td><td>-309</td><td>-105</td></tr><tr><td>ライン 3</td><td>1795</td><td>478</td><td>364</td></tr><tr><td>ライン 4</td><td>1248</td><td>208</td><td>186</td></tr><tr><td>ライン 5</td><td>1641</td><td>570</td><td>623</td></tr><tr><td>ライン 6</td><td>1208</td><td>148</td><td>156</td></tr><tr><td>ライン 7</td><td>2136</td><td>465</td><td>398</td></tr><tr><td>ライン 8</td><td>847</td><td>-235</td><td>-223</td></tr><tr><td>ライン 9</td><td>1728</td><td></td><td></td></tr></table> | B2-2.39.9 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 1597 |  |  | ライン 2 | 1389 | -309 | -105 | ライン 3 | 1795 | 478 | 364 | ライン 4 | 1248 | 208 | 186 | ライン 5 | 1641 | 570 | 623 | ライン 6 | 1208 | 148 | 156 | ライン 7 | 2136 | 465 | 398 | ライン 8 | 847  | -235 | -223 | ライン 9 | 1728 |  |  | 1.00 |
| B2-2.4.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 173      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 122      | 26    | 20    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 104      | 83    | 73    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 66       | 59    | 66    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 86       | 82    | 72    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 65       | 58    | 62    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 103      | 86    | 72    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 115      | 33    | 25    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 177      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| B2-2.10.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 413      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                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                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 303      | 43    | 34    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 274      | 189   | 163   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 163      | 126   | 138   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 204      | 189   | 166   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 160      | 128   | 131   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 269      | 197   | 163   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 282      | 65    | 42    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 422      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| B2-2.14.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 587      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 438      | 46    | 39    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 421      | 261   | 221   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 245      | 191   | 178   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 297      | 266   | 236   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 238      | 163   | 173   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 415      | 271   | 224   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 406      | 81    | 46    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 603      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| B2-2.20.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 854      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 637      | 41    | 46    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 692      | 347   | 278   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 395      | 271   | 227   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 449      | 380   | 337   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 381      | 207   | 223   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 682      | 359   | 294   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 589      | 88    | 47    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 876      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| B2-2.30.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1301     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 959      | 28    | 59    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1237     | 422   | 344   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 713      | 322   | 279   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 785      | 555   | 523   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 690      | 256   | 261   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1242     | 429   | 348   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 876      | 80    | 50    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1331     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| B2-2.39.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1597     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1389     | -309  | -105  |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1795     | 478   | 364   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1248     | 208   | 186   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1641     | 570   | 623   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1208     | 148   | 156   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2136     | 465   | 398   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 847      | -235  | -223  |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1728     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| <table><tr><th>B2-3.4.2</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>169</td><td></td><td></td></tr><tr><td>ライン 2</td><td>126</td><td>20</td><td>23</td></tr><tr><td>ライン 3</td><td>99</td><td>77</td><td>77</td></tr><tr><td>ライン 4</td><td>61</td><td>58</td><td>60</td></tr><tr><td>ライン 5</td><td>81</td><td>77</td><td>76</td></tr><tr><td>ライン 6</td><td>62</td><td>57</td><td>59</td></tr><tr><td>ライン 7</td><td>93</td><td>77</td><td>79</td></tr><tr><td>ライン 8</td><td>115</td><td>27</td><td>32</td></tr><tr><td>ライン 9</td><td>180</td><td></td><td></td></tr></table>   | B2-3.4.2 | 母材    | 添接板 1 | 添接板 2 | ライン 1 | 169 |  |  | ライン 2 | 126 | 20 | 23 | ライン 3 | 99  | 77 | 77 | ライン 4 | 61 | 58 | 60 | ライン 5 | 81 | 77 | 76 | ライン 6 | 62 | 57 | 59 | ライン 7 | 93  | 77 | 79 | ライン 8 | 115 | 27 | 32 | ライン 9 | 180 |  |  | 0.75 | <table><tr><th>B2-3.10.1</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>414</td><td></td><td></td></tr><tr><td>ライン 2</td><td>304</td><td>33</td><td>48</td></tr><tr><td>ライン 3</td><td>256</td><td>178</td><td>176</td></tr><tr><td>ライン 4</td><td>152</td><td>130</td><td>136</td></tr><tr><td>ライン 5</td><td>198</td><td>181</td><td>179</td></tr><tr><td>ライン 6</td><td>154</td><td>128</td><td>134</td></tr><tr><td>ライン 7</td><td>250</td><td>177</td><td>187</td></tr><tr><td>ライン 8</td><td>287</td><td>46</td><td>68</td></tr><tr><td>ライン 9</td><td>444</td><td></td><td></td></tr></table>     | B2-3.10.1 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 414 |  |  | ライン 2 | 304 | 33  | 48  | ライン 3 | 256 | 178 | 176 | ライン 4 | 152 | 130 | 136 | ライン 5 | 198 | 181 | 179 | ライン 6 | 154 | 128 | 134 | ライン 7 | 250 | 177 | 187 | ライン 8 | 287 | 46  | 68  | ライン 9 | 444 |  |  | 0.79 | <table><tr><th>B2-3.14.1</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>591</td><td></td><td></td></tr><tr><td>ライン 2</td><td>432</td><td>37</td><td>59</td></tr><tr><td>ライン 3</td><td>391</td><td>235</td><td>238</td></tr><tr><td>ライン 4</td><td>224</td><td>171</td><td>190</td></tr><tr><td>ライン 5</td><td>283</td><td>253</td><td>251</td></tr><tr><td>ライン 6</td><td>227</td><td>192</td><td>183</td></tr><tr><td>ライン 7</td><td>383</td><td>243</td><td>257</td></tr><tr><td>ライン 8</td><td>423</td><td>55</td><td>84</td></tr><tr><td>ライン 9</td><td>632</td><td></td><td></td></tr></table>     | B2-3.14.1 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 591 |  |  | ライン 2 | 432 | 37  | 59  | ライン 3 | 391 | 235 | 238 | ライン 4 | 224 | 171 | 190 | ライン 5 | 283 | 253 | 251 | ライン 6 | 227 | 192 | 183 | ライン 7 | 383 | 243 | 257 | ライン 8 | 423 | 55  | 84  | ライン 9 | 632 |  |  | 0.82 | <table><tr><th>B2-3.20.0</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>859</td><td></td><td></td></tr><tr><td>ライン 2</td><td>607</td><td>40</td><td>62</td></tr><tr><td>ライン 3</td><td>659</td><td>286</td><td>300</td></tr><tr><td>ライン 4</td><td>357</td><td>209</td><td>237</td></tr><tr><td>ライン 5</td><td>429</td><td>355</td><td>357</td></tr><tr><td>ライン 6</td><td>357</td><td>298</td><td>234</td></tr><tr><td>ライン 7</td><td>642</td><td>313</td><td>333</td></tr><tr><td>ライン 8</td><td>641</td><td>62</td><td>95</td></tr><tr><td>ライン 9</td><td>920</td><td></td><td></td></tr></table>     | B2-3.20.0 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 859 |  |  | ライン 2 | 607 | 40  | 62  | ライン 3 | 659 | 286 | 300 | ライン 4 | 357 | 209 | 237 | ライン 5 | 429 | 355 | 357 | ライン 6 | 357 | 298 | 234 | ライン 7 | 642 | 313 | 333 | ライン 8 | 641 | 62  | 95  | ライン 9 | 920 |  |  | 0.86 | <table><tr><th>B2-3.30.1</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>1331</td><td></td><td></td></tr><tr><td>ライン 2</td><td>840</td><td>38</td><td>58</td></tr><tr><td>ライン 3</td><td>1332</td><td>330</td><td>312</td></tr><tr><td>ライン 4</td><td>670</td><td>225</td><td>258</td></tr><tr><td>ライン 5</td><td>807</td><td>505</td><td>523</td></tr><tr><td>ライン 6</td><td>653</td><td>396</td><td>304</td></tr><tr><td>ライン 7</td><td>1190</td><td>370</td><td>360</td></tr><tr><td>ライン 8</td><td>924</td><td>55</td><td>97</td></tr><tr><td>ライン 9</td><td>1422</td><td></td><td></td></tr></table>    | B2-3.30.1 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 1331 |  |  | ライン 2 | 840  | 38  | 58  | ライン 3 | 1332 | 330 | 312 | ライン 4 | 670 | 225 | 258 | ライン 5 | 807 | 505 | 523 | ライン 6 | 653 | 396 | 304 | ライン 7 | 1190 | 370 | 360 | ライン 8 | 924 | 55  | 97  | ライン 9 | 1422 |  |  | 0.90 | <table><tr><th>B2-3.39.0</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>1759</td><td></td><td></td></tr><tr><td>ライン 2</td><td>991</td><td>-184</td><td>-188</td></tr><tr><td>ライン 3</td><td>2523</td><td>359</td><td>331</td></tr><tr><td>ライン 4</td><td>1001</td><td>180</td><td>239</td></tr><tr><td>ライン 5</td><td>1525</td><td>519</td><td>543</td></tr><tr><td>ライン 6</td><td>995</td><td>367</td><td>278</td></tr><tr><td>ライン 7</td><td>1997</td><td>380</td><td>352</td></tr><tr><td>ライン 8</td><td>1843</td><td>-94</td><td>10</td></tr><tr><td>ライン 9</td><td>1833</td><td></td><td></td></tr></table>     | B2-3.39.0 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 1759 |  |  | ライン 2 | 991  | -184 | -188 | ライン 3 | 2523 | 359 | 331 | ライン 4 | 1001 | 180 | 239 | ライン 5 | 1525 | 519 | 543 | ライン 6 | 995  | 367 | 278 | ライン 7 | 1997 | 380 | 352 | ライン 8 | 1843 | -94  | 10   | ライン 9 | 1833 |  |  | 1.00 |
| B2-3.4.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 169      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 126      | 20    | 23    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 99       | 77    | 77    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 61       | 58    | 60    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 81       | 77    | 76    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 62       | 57    | 59    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 93       | 77    | 79    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 115      | 27    | 32    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 180      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| B2-3.10.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 414      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 304      | 33    | 48    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 256      | 178   | 176   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 152      | 130   | 136   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 198      | 181   | 179   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 154      | 128   | 134   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 250      | 177   | 187   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 287      | 46    | 68    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 444      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| B2-3.14.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 591      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 432      | 37    | 59    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 391      | 235   | 238   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 224      | 171   | 190   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 283      | 253   | 251   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 227      | 192   | 183   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 383      | 243   | 257   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 423      | 55    | 84    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 632      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| B2-3.20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 859      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 607      | 40    | 62    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 659      | 286   | 300   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 357      | 209   | 237   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 429      | 355   | 357   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 357      | 298   | 234   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 642      | 313   | 333   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 641      | 62    | 95    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 920      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| B2-3.30.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1331     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 840      | 38    | 58    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1332     | 330   | 312   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 670      | 225   | 258   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 807      | 505   | 523   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 653      | 396   | 304   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1190     | 370   | 360   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 924      | 55    | 97    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1422     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| B2-3.39.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1759     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 991      | -184  | -188  |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2523     | 359   | 331   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1001     | 180   | 239   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1525     | 519   | 543   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 995      | 367   | 278   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1997     | 380   | 352   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1843     | -94   | 10    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1833     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| <table><tr><th>C1-1.4.6</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>182</td><td></td><td></td></tr><tr><td>ライン 2</td><td>72</td><td>62</td><td>60</td></tr><tr><td>ライン 3</td><td>84</td><td>76</td><td>80</td></tr><tr><td>ライン 4</td><td>63</td><td>62</td><td>60</td></tr><tr><td>ライン 5</td><td>84</td><td>77</td><td>79</td></tr><tr><td>ライン 6</td><td>62</td><td>61</td><td>62</td></tr><tr><td>ライン 7</td><td>82</td><td>75</td><td>79</td></tr><tr><td>ライン 8</td><td>68</td><td>60</td><td>62</td></tr><tr><td>ライン 9</td><td>177</td><td></td><td></td></tr></table>     | C1-1.4.6 | 母材    | 添接板 1 | 添接板 2 | ライン 1 | 182 |  |  | ライン 2 | 72  | 62 | 60 | ライン 3 | 84  | 76 | 80 | ライン 4 | 63 | 62 | 60 | ライン 5 | 84 | 77 | 79 | ライン 6 | 62 | 61 | 62 | ライン 7 | 82  | 75 | 79 | ライン 8 | 68  | 60 | 62 | ライン 9 | 177 |  |  | 0.37 | <table><tr><th>C1-1.9.8</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>390</td><td></td><td></td></tr><tr><td>ライン 2</td><td>156</td><td>132</td><td>129</td></tr><tr><td>ライン 3</td><td>179</td><td>162</td><td>172</td></tr><tr><td>ライン 4</td><td>134</td><td>133</td><td>145</td></tr><tr><td>ライン 5</td><td>180</td><td>163</td><td>170</td></tr><tr><td>ライン 6</td><td>129</td><td>128</td><td>132</td></tr><tr><td>ライン 7</td><td>174</td><td>162</td><td>170</td></tr><tr><td>ライン 8</td><td>149</td><td>137</td><td>132</td></tr><tr><td>ライン 9</td><td>379</td><td></td><td></td></tr></table>  | C1-1.9.8  | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 390 |  |  | ライン 2 | 156 | 132 | 129 | ライン 3 | 179 | 162 | 172 | ライン 4 | 134 | 133 | 145 | ライン 5 | 180 | 163 | 170 | ライン 6 | 129 | 128 | 132 | ライン 7 | 174 | 162 | 170 | ライン 8 | 149 | 137 | 132 | ライン 9 | 379 |  |  | 0.37 | <table><tr><th>C1-1.14.8</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>592</td><td></td><td></td></tr><tr><td>ライン 2</td><td>239</td><td>203</td><td>198</td></tr><tr><td>ライン 3</td><td>271</td><td>250</td><td>263</td></tr><tr><td>ライン 4</td><td>202</td><td>195</td><td>281</td></tr><tr><td>ライン 5</td><td>276</td><td>253</td><td>261</td></tr><tr><td>ライン 6</td><td>199</td><td>193</td><td>234</td></tr><tr><td>ライン 7</td><td>263</td><td>247</td><td>261</td></tr><tr><td>ライン 8</td><td>231</td><td>225</td><td>211</td></tr><tr><td>ライン 9</td><td>583</td><td></td><td></td></tr></table> | C1-1.14.8 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 592 |  |  | ライン 2 | 239 | 203 | 198 | ライン 3 | 271 | 250 | 263 | ライン 4 | 202 | 195 | 281 | ライン 5 | 276 | 253 | 261 | ライン 6 | 199 | 193 | 234 | ライン 7 | 263 | 247 | 261 | ライン 8 | 231 | 225 | 211 | ライン 9 | 583 |  |  | 0.37 | <table><tr><th>C1-1.19.8</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>802</td><td></td><td></td></tr><tr><td>ライン 2</td><td>325</td><td>278</td><td>263</td></tr><tr><td>ライン 3</td><td>367</td><td>344</td><td>360</td></tr><tr><td>ライン 4</td><td>272</td><td>263</td><td>423</td></tr><tr><td>ライン 5</td><td>378</td><td>347</td><td>357</td></tr><tr><td>ライン 6</td><td>267</td><td>256</td><td>336</td></tr><tr><td>ライン 7</td><td>356</td><td>338</td><td>359</td></tr><tr><td>ライン 8</td><td>317</td><td>304</td><td>294</td></tr><tr><td>ライン 9</td><td>797</td><td></td><td></td></tr></table> | C1-1.19.8 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 802 |  |  | ライン 2 | 325 | 278 | 263 | ライン 3 | 367 | 344 | 360 | ライン 4 | 272 | 263 | 423 | ライン 5 | 378 | 347 | 357 | ライン 6 | 267 | 256 | 336 | ライン 7 | 356 | 338 | 359 | ライン 8 | 317 | 304 | 294 | ライン 9 | 797 |  |  | 0.38 | <table><tr><th>C1-1.29.9</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>1242</td><td></td><td></td></tr><tr><td>ライン 2</td><td>520</td><td>408</td><td>377</td></tr><tr><td>ライン 3</td><td>564</td><td>543</td><td>569</td></tr><tr><td>ライン 4</td><td>426</td><td>391</td><td>596</td></tr><tr><td>ライン 5</td><td>601</td><td>540</td><td>560</td></tr><tr><td>ライン 6</td><td>415</td><td>362</td><td>542</td></tr><tr><td>ライン 7</td><td>561</td><td>531</td><td>568</td></tr><tr><td>ライン 8</td><td>493</td><td>432</td><td>443</td></tr><tr><td>ライン 9</td><td>1248</td><td></td><td></td></tr></table>  | C1-1.29.9 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 1242 |  |  | ライン 2 | 520  | 408 | 377 | ライン 3 | 564  | 543 | 569 | ライン 4 | 426 | 391 | 596 | ライン 5 | 601 | 540 | 560 | ライン 6 | 415 | 362 | 542 | ライン 7 | 561  | 531 | 568 | ライン 8 | 493 | 432 | 443 | ライン 9 | 1248 |  |  | 0.40 | <table><tr><th>C1-1.39.8</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>1713</td><td></td><td></td></tr><tr><td>ライン 2</td><td>760</td><td>505</td><td>472</td></tr><tr><td>ライン 3</td><td>780</td><td>758</td><td>786</td></tr><tr><td>ライン 4</td><td>571</td><td>520</td><td>693</td></tr><tr><td>ライン 5</td><td>843</td><td>745</td><td>769</td></tr><tr><td>ライン 6</td><td>576</td><td>479</td><td>714</td></tr><tr><td>ライン 7</td><td>787</td><td>744</td><td>785</td></tr><tr><td>ライン 8</td><td>700</td><td>543</td><td>549</td></tr><tr><td>ライン 9</td><td>1741</td><td></td><td></td></tr></table>           | C1-1.39.8 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 1713 |  |  | ライン 2 | 760  | 505  | 472  | ライン 3 | 780  | 758 | 786 | ライン 4 | 571  | 520 | 693 | ライン 5 | 843  | 745 | 769 | ライン 6 | 576  | 479 | 714 | ライン 7 | 787  | 744 | 785 | ライン 8 | 700  | 543  | 549  | ライン 9 | 1741 |  |  | 0.44 |
| C1-1.4.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 182      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 72       | 62    | 60    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 84       | 76    | 80    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 63       | 62    | 60    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 84       | 77    | 79    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 62       | 61    | 62    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 82       | 75    | 79    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 68       | 60    | 62    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 177      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| C1-1.9.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 390      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 156      | 132   | 129   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 179      | 162   | 172   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 134      | 133   | 145   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 180      | 163   | 170   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 129      | 128   | 132   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 174      | 162   | 170   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 149      | 137   | 132   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 379      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| C1-1.14.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 592      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 239      | 203   | 198   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 271      | 250   | 263   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 202      | 195   | 281   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 276      | 253   | 261   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 199      | 193   | 234   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 263      | 247   | 261   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 231      | 225   | 211   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 583      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| C1-1.19.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 802      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 325      | 278   | 263   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 367      | 344   | 360   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 272      | 263   | 423   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 378      | 347   | 357   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 267      | 256   | 336   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 356      | 338   | 359   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 317      | 304   | 294   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 797      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| C1-1.29.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1242     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 520      | 408   | 377   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 564      | 543   | 569   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 426      | 391   | 596   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 601      | 540   | 560   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 415      | 362   | 542   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 561      | 531   | 568   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 493      | 432   | 443   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1248     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| C1-1.39.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1713     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 760      | 505   | 472   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                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                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 780      | 758   | 786   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 571      | 520   | 693   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 843      | 745   | 769   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 576      | 479   | 714   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 787      | 744   | 785   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 700      | 543   | 549   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1741     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| <table><tr><th>C1-2.4.7</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>180</td><td></td><td></td></tr><tr><td>ライン 2</td><td>75</td><td>65</td><td>66</td></tr><tr><td>ライン 3</td><td>91</td><td>74</td><td>87</td></tr><tr><td>ライン 4</td><td>67</td><td>71</td><td>62</td></tr><tr><td>ライン 5</td><td>87</td><td>74</td><td>87</td></tr><tr><td>ライン 6</td><td>66</td><td>71</td><td>62</td></tr><tr><td>ライン 7</td><td>88</td><td>71</td><td>90</td></tr><tr><td>ライン 8</td><td>75</td><td>61</td><td>67</td></tr><tr><td>ライン 9</td><td>177</td><td></td><td></td></tr></table>     | C1-2.4.7 | 母材    | 添接板 1 | 添接板 2 | ライン 1 | 180 |  |  | ライン 2 | 75  | 65 | 66 | ライン 3 | 91  | 74 | 87 | ライン 4 | 67 | 71 | 62 | ライン 5 | 87 | 74 | 87 | ライン 6 | 66 | 71 | 62 | ライン 7 | 88  | 71 | 90 | ライン 8 | 75  | 61 | 67 | ライン 9 | 177 |  |  | 0.36 | <table><tr><th>C1-2.10.0</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>383</td><td></td><td></td></tr><tr><td>ライン 2</td><td>157</td><td>137</td><td>141</td></tr><tr><td>ライン 3</td><td>192</td><td>159</td><td>185</td></tr><tr><td>ライン 4</td><td>143</td><td>150</td><td>130</td></tr><tr><td>ライン 5</td><td>184</td><td>157</td><td>182</td></tr><tr><td>ライン 6</td><td>140</td><td>148</td><td>129</td></tr><tr><td>ライン 7</td><td>186</td><td>152</td><td>191</td></tr><tr><td>ライン 8</td><td>160</td><td>131</td><td>141</td></tr><tr><td>ライン 9</td><td>377</td><td></td><td></td></tr></table> | C1-2.10.0 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 383 |  |  | ライン 2 | 157 | 137 | 141 | ライン 3 | 192 | 159 | 185 | ライン 4 | 143 | 150 | 130 | ライン 5 | 184 | 157 | 182 | ライン 6 | 140 | 148 | 129 | ライン 7 | 186 | 152 | 191 | ライン 8 | 160 | 131 | 141 | ライン 9 | 377 |  |  | 0.36 | <table><tr><th>C1-2.14.9</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>579</td><td></td><td></td></tr><tr><td>ライン 2</td><td>246</td><td>212</td><td>253</td></tr><tr><td>ライン 3</td><td>286</td><td>243</td><td>278</td></tr><tr><td>ライン 4</td><td>220</td><td>225</td><td>255</td></tr><tr><td>ライン 5</td><td>276</td><td>240</td><td>275</td></tr><tr><td>ライン 6</td><td>212</td><td>216</td><td>191</td></tr><tr><td>ライン 7</td><td>282</td><td>231</td><td>287</td></tr><tr><td>ライン 8</td><td>253</td><td>204</td><td>214</td></tr><tr><td>ライン 9</td><td>567</td><td></td><td></td></tr></table> | C1-2.14.9 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 579 |  |  | ライン 2 | 246 | 212 | 253 | ライン 3 | 286 | 243 | 278 | ライン 4 | 220 | 225 | 255 | ライン 5 | 276 | 240 | 275 | ライン 6 | 212 | 216 | 191 | ライン 7 | 282 | 231 | 287 | ライン 8 | 253 | 204 | 214 | ライン 9 | 567 |  |  | 0.35 | <table><tr><th>C1-2.20.0</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>783</td><td></td><td></td></tr><tr><td>ライン 2</td><td>339</td><td>295</td><td>346</td></tr><tr><td>ライン 3</td><td>385</td><td>332</td><td>376</td></tr><tr><td>ライン 4</td><td>300</td><td>298</td><td>357</td></tr><tr><td>ライン 5</td><td>375</td><td>328</td><td>373</td></tr><tr><td>ライン 6</td><td>290</td><td>280</td><td>247</td></tr><tr><td>ライン 7</td><td>382</td><td>314</td><td>390</td></tr><tr><td>ライン 8</td><td>350</td><td>277</td><td>280</td></tr><tr><td>ライン 9</td><td>770</td><td></td><td></td></tr></table> | C1-2.20.0 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 783 |  |  | ライン 2 | 339 | 295 | 346 | ライン 3 | 385 | 332 | 376 | ライン 4 | 300 | 298 | 357 | ライン 5 | 375 | 328 | 373 | ライン 6 | 290 | 280 | 247 | ライン 7 | 382 | 314 | 390 | ライン 8 | 350 | 277 | 280 | ライン 9 | 770 |  |  | 0.35 | <table><tr><th>C1-2.30.0</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>1209</td><td></td><td></td></tr><tr><td>ライン 2</td><td>553</td><td>431</td><td>516</td></tr><tr><td>ライン 3</td><td>602</td><td>524</td><td>585</td></tr><tr><td>ライン 4</td><td>465</td><td>461</td><td>552</td></tr><tr><td>ライン 5</td><td>589</td><td>509</td><td>583</td></tr><tr><td>ライン 6</td><td>453</td><td>466</td><td>366</td></tr><tr><td>ライン 7</td><td>594</td><td>494</td><td>610</td></tr><tr><td>ライン 8</td><td>572</td><td>408</td><td>393</td></tr><tr><td>ライン 9</td><td>1193</td><td></td><td></td></tr></table>  | C1-2.30.0 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 1209 |  |  | ライン 2 | 553  | 431 | 516 | ライン 3 | 602  | 524 | 585 | ライン 4 | 465 | 461 | 552 | ライン 5 | 589 | 509 | 583 | ライン 6 | 453 | 466 | 366 | ライン 7 | 594  | 494 | 610 | ライン 8 | 572 | 408 | 393 | ライン 9 | 1193 |  |  | 0.37 | <table><tr><th>C1-2.40.1</th><th>母材</th><th>添接板 1</th><th>添接板 2</th></tr><tr><td>ライン 1</td><td>1684</td><td></td><td></td></tr><tr><td>ライン 2</td><td>875</td><td>538</td><td>650</td></tr><tr><td>ライン 3</td><td>871</td><td>736</td><td>823</td></tr><tr><td>ライン 4</td><td>632</td><td></td></tr></table>                                                                                                                                                                                                                                                                                                                            | C1-2.40.1 | 母材 | 添接板 1 | 添接板 2 | ライン 1 | 1684 |  |  | ライン 2 | 875  | 538  | 650  | ライン 3 | 871  | 736 | 823 | ライン 4 | 632  |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| C1-2.4.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 180      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 75       | 65    | 66    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 91       | 74    | 87    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 67       | 71    | 62    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 87       | 74    | 87    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 66       | 71    | 62    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 88       | 71    | 90    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 75       | 61    | 67    |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 177      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| C1-2.10.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 383      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                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                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 157      | 137   | 141   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 192      | 159   | 185   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 143      | 150   | 130   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 184      | 157   | 182   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 140      | 148   | 129   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 186      | 152   | 191   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 160      | 131   | 141   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 377      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| C1-2.14.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 579      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 246      | 212   | 253   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 286      | 243   | 278   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 220      | 225   | 255   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 276      | 240   | 275   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 212      | 216   | 191   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 282      | 231   | 287   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 253      | 204   | 214   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 567      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| C1-2.20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 783      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 339      | 295   | 346   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 385      | 332   | 376   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 300      | 298   | 357   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 375      | 328   | 373   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 290      | 280   | 247   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 382      | 314   | 390   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 350      | 277   | 280   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 770      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| C1-2.30.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1209     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 553      | 431   | 516   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 602      | 524   | 585   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 465      | 461   | 552   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 589      | 509   | 583   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 453      | 466   | 366   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 594      | 494   | 610   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 572      | 408   | 393   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1193     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| C1-2.40.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 母材       | 添接板 1 | 添接板 2 |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1684     |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |    |       |       |       |      |  |  |       |      |     |     |       |      |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |      |     |     |       |     |     |     |       |      |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |    |       |       |       |      |  |  |       |      |      |      |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 875      | 538   | 650   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                  |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 871      | 736   | 823   |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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 |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |     |     |       |      |      |      |       |      |  |  |      |
| ライン 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 632      |       |       |       |       |     |  |  |       |     |    |    |       |     |    |    |       |    |    |    |       |    |    |    |       |    |    |    |       |     |    |    |       |     |    |    |       |     |  |  |      |                                                                                                                                                                        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                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |    |       |       |       |     |  |  |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |  |  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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添接板補強した腐食試験体のひずみ分布 (3)

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添接板補強した腐食試験体のひずみ分布 (4)

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| <p>C2-3.4.1 母材 添接板1 添接板2</p> <p>ライン1 153<br/>ライン2 115 17 20 0.76<br/>ライン3 90 74 73<br/>ライン4 61 55 56 0.35<br/>ライン5 78 73 75<br/>ライン6 58 53 56 0.35<br/>ライン7 93 73 76<br/>ライン8 108 25 31 0.66<br/>ライン9 166</p> | <p>C2-3.10.0 母材 添接板1 添接板2</p> <p>ライン1 382<br/>ライン2 285 27 35 0.82<br/>ライン3 244 170 172<br/>ライン4 156 124 135 0.38<br/>ライン5 192 179 180<br/>ライン6 147 123 130 0.37<br/>ライン7 249 170 183<br/>ライン8 272 41 54 0.74<br/>ライン9 413</p>     | <p>C2-3.15.9 母材 添接板1 添接板2</p> <p>ライン1 634<br/>ライン2 479 32 41 0.87<br/>ライン3 426 249 257<br/>ライン4 268 186 205 0.41<br/>ライン5 318 289 290<br/>ライン6 248 192 193 0.39<br/>ライン7 448 254 279<br/>ライン8 461 48 65 0.80<br/>ライン9 681</p>     | <p>C2-3.20.1 母材 添接板1 添接板2</p> <p>ライン1 824<br/>ライン2 615 34 42 0.89<br/>ライン3 593 289 298<br/>ライン4 378 217 246 0.45<br/>ライン5 421 366 370<br/>ライン6 338 260 221 0.41<br/>ライン7 643 297 328<br/>ライン8 593 49 68 0.34<br/>ライン9 883</p>     | <p>C2-3.29.9 母材 添接板1 添接板2</p> <p>ライン1 1314<br/>ライン2 878 33 42 0.92<br/>ライン3 1229 323 313<br/>ライン4 757 243 289 0.59<br/>ライン5 773 522 544<br/>ライン6 592 385 227 0.49<br/>ライン7 1380 326 359<br/>ライン8 818 49 70 0.87<br/>ライン9 1389</p>   | <p>C2-3.40.3 母材 添接板1 添接板2</p> <p>ライン1 1928<br/>ライン2 4729 -215 -215 1.00<br/>ライン3 7043 419 343<br/>ライン4 1397 168 223 0.78<br/>ライン5 1824 480 516<br/>ライン6 831 333 139 0.64<br/>ライン7 4116 360 389<br/>ライン8 3540 -196 -252 1.00<br/>ライン9 1934</p> |
| <p>C2-4.4.0 母材 添接板1 添接板2</p> <p>ライン1 160<br/>ライン2 117 24 28 0.69<br/>ライン3 98 69 76<br/>ライン4 62 57 56 0.35<br/>ライン5 78 71 72<br/>ライン6 59 55 52 0.35<br/>ライン7 92 71 78<br/>ライン8 115 24 23 0.71<br/>ライン9 163</p> | <p>C2-4.10.2 母材 添接板1 添接板2</p> <p>ライン1 416<br/>ライン2 320 45 49 0.77<br/>ライン3 288 172 196<br/>ライン4 168 168 137 0.36<br/>ライン5 202 180 186<br/>ライン6 162 140 132 0.37<br/>ライン7 268 181 195<br/>ライン8 306 44 37 0.79<br/>ライン9 421</p>     | <p>C2-4.14.0 母材 添接板1 添接板2</p> <p>ライン1 582<br/>ライン2 451 53 60 0.80<br/>ライン3 425 228 264<br/>ライン4 243 279 184 0.34<br/>ライン5 284 248 261<br/>ライン6 236 186 172 0.40<br/>ライン7 399 243 264<br/>ライン8 430 49 39 0.83<br/>ライン9 590</p>     | <p>C2-4.20.0 母材 添接板1 添接板2</p> <p>ライン1 844<br/>ライン2 658 62 57 0.85<br/>ライン3 671 300 356<br/>ライン4 380 467 249 0.35<br/>ライン5 431 355 382<br/>ライン6 373 241 228 0.44<br/>ライン7 639 331 353<br/>ライン8 623 55 36 0.37<br/>ライン9 855</p>     | <p>C2-4.30.0 母材 添接板1 添接板2</p> <p>ライン1 1298<br/>ライン2 972 68 57 0.89<br/>ライン3 1172 370 448<br/>ライン4 686 712 302 0.40<br/>ライン5 759 521 584<br/>ライン6 686 267 279 0.56<br/>ライン7 1210 409 421<br/>ライン8 900 52 23 0.92<br/>ライン9 1321</p>   | <p>C2-4.39.9 母材 添接板1 添接板2</p> <p>ライン1 1765<br/>ライン2 1215 5 45 0.96<br/>ライン3 1873 388 477<br/>ライン4 1168 750 234 0.53<br/>ライン5 1330 613 727<br/>ライン6 1140 230 257 0.70<br/>ライン7 2357 406 432<br/>ライン8 744 -16 -85 1.00<br/>ライン9 1794</p>        |
| <p>D1-1.5.0 母材 添接板1 添接板2</p> <p>ライン1 139<br/>ライン2 93 69 67 0.41<br/>ライン3 92 80 80<br/>ライン4 70 65 69 0.34<br/>ライン5 81 87 84<br/>ライン6 68 66 70 0.33<br/>ライン7 89 84 86<br/>ライン8 72 66 69 0.35<br/>ライン9 187</p>   | <p>D1-1.10.3 母材 添接板1 添接板2</p> <p>ライン1 392<br/>ライン2 188 139 136 0.41<br/>ライン3 189 165 164<br/>ライン4 147 136 141 0.33<br/>ライン5 167 178 172<br/>ライン6 142 137 143 0.34<br/>ライン7 181 172 174<br/>ライン8 150 136 140 0.35<br/>ライン9 386</p> | <p>D1-1.15.2 母材 添接板1 添接板2</p> <p>ライン1 597<br/>ライン2 277 207 204 0.40<br/>ライン3 279 249 251<br/>ライン4 235 209 211 0.36<br/>ライン5 263 268 262<br/>ライン6 247 207 215 0.37<br/>ライン7 263 262 264<br/>ライン8 225 203 206 0.35<br/>ライン9 588</p> | <p>D1-1.20.1 母材 添接板1 添接板2</p> <p>ライン1 819<br/>ライン2 370 273 278 0.40<br/>ライン3 360 342 350<br/>ライン4 340 280 264 0.38<br/>ライン5 351 365 362<br/>ライン6 374 286 305 0.39<br/>ライン7 342 363 366<br/>ライン8 272 268 276 0.33<br/>ライン9 809</p> | <p>D1-1.30.1 母材 添接板1 添接板2</p> <p>ライン1 1311<br/>ライン2 543 385 419 0.40<br/>ライン3 548 550 575<br/>ライン4 555 406 398 0.41<br/>ライン5 535 585 592<br/>ライン6 595 433 482 0.39<br/>ライン7 545 594 596<br/>ライン8 326 281 398 0.32<br/>ライン9 1293</p> | <p>D1-1.33.1 母材 添接板1 添接板2</p> <p>ライン1 1481<br/>ライン2 595 404 449 0.41<br/>ライン3 615 623 653<br/>ライン4 607 456 454 0.40<br/>ライン5 586 659 670<br/>ライン6 659 501 540 0.39<br/>ライン7 614 676 680<br/>ライン8 321 378 421 0.29<br/>ライン9 1666</p>           |
| <p>D1-2.5.1 母材 添接板1 添接板2</p> <p>ライン1 185<br/>ライン2 74 72 69 0.34<br/>ライン3 93 87 82<br/>ライン4 70 67 67 0.34<br/>ライン5 92 90 80<br/>ライン6 70 66 71 0.34<br/>ライン7 92 85 85<br/>ライン8 70 68 72 0.33<br/>ライン9 182</p>   | <p>D1-2.10.2 母材 添接板1 添接板2</p> <p>ライン1 378<br/>ライン2 143 142 138 0.34<br/>ライン3 185 177 169<br/>ライン4 142 138 134 0.34<br/>ライン5 185 181 162<br/>ライン6 141 134 144 0.34<br/>ライン7 182 173 172<br/>ライン8 135 158 143 0.31<br/>ライン9 369</p> | <p>D1-2.15.1 母材 添接板1 添接板2</p> <p>ライン1 571<br/>ライン2 206 216 205 0.33<br/>ライン3 264 268 256<br/>ライン4 223 202 205 0.35<br/>ライン5 281 275 245<br/>ライン6 226 215 235 0.33<br/>ライン7 261 265 262<br/>ライン8 196 201 211 0.32<br/>ライン9 558</p> | <p>D1-2.20.1 母材 添接板1 添接板2</p> <p>ライン1 773<br/>ライン2 262 289 274 0.32<br/>ライン3 341 365 354<br/>ライン4 310 270 282 0.36<br/>ライン5 383 375 333<br/>ライン6 322 300 371 0.32<br/>ライン7 341 364 360<br/>ライン8 247 262 277 0.31<br/>ライン9 756</p> | <p>D1-2.30.1 母材 添接板1 添接板2</p> <p>ライン1 1203<br/>ライン2 354 421 391 0.30<br/>ライン3 504 586 567<br/>ライン4 499 369 733 0.31<br/>ライン5 615 608 524<br/>ライン6 532 449 733 0.31<br/>ライン7 541 588 576<br/>ライン8 397 362 407 0.34<br/>ライン9 1180</p> | <p>D1-2.35.1 母材 添接板1 添接板2</p> <p>ライン1 1940<br/>ライン2 380 476 437 0.29<br/>ライン3 623 714 689<br/>ライン4 611 410 515 0.40<br/>ライン5 748 737 630<br/>ライン6 636 547 864 0.31<br/>ライン7 688 714 701<br/>ライン8 459 410 465 0.34<br/>ライン9 1410</p>           |
| <p>D1-3.4.0 母材 添接板1 添接板2</p> <p>ライン1 147<br/>ライン2 57 57 53 0.34<br/>ライン3 73 72 66<br/>ライン4 55 53 55 0.34<br/>ライン5 74 72 66<br/>ライン6 54 53 55 0.33<br/>ライン7 72 69 67<br/>ライン8 54 55 55 0.33<br/>ライン9 146</p>   | <p>D1-3.10.1 母材 添接板1 添接板2</p> <p>ライン1 374<br/>ライン2 143 143 136 0.34<br/>ライン3 184 183 172<br/>ライン4 137 133 139 0.33<br/>ライン5 190 182 173<br/>ライン6 135 133 138 0.33<br/>ライン7 182 179 172<br/>ライン8 136 138 140 0.33<br/>ライン9 372</p> | <p>D1-3.14.0 母材 添接板1 添接板2</p> <p>ライン1 517<br/>ライン2 197 195 187 0.34<br/>ライン3 257 255 241<br/>ライン4 191 181 194 0.34<br/>ライン5 267 191 257<br/>ライン6 186 182 189 0.33<br/>ライン7 253 251 239<br/>ライン8 188 189 191 0.33<br/>ライン9 515</p> | <p>D1-3.20.1 母材 添接板1 添接板2</p> <p>ライン1 747<br/>ライン2 285 275 266 0.35<br/>ライン3 378 371 351<br/>ライン4 273 249 283 0.34<br/>ライン5 400 366 349<br/>ライン6 266 254 271 0.34<br/>ライン7 367 368 351<br/>ライン8 270 269 272 0.33<br/>ライン9 746</p> | <p>D1-3.30.0 母材 添接板1 添接板2</p> <p>ライン1 1131<br/>ライン2 443 387 375 0.37<br/>ライン3 571 571 542<br/>ライン4 399 325 443 0.34<br/>ライン5 629 563 540<br/>ライン6 382 337 398 0.34<br/>ライン7 557 561 542<br/>ライン8 423 378 388 0.36<br/>ライン9 1133</p> | <p>D1-3.39.9 母材 添接板1 添接板2</p> <p>ライン1 1578<br/>ライン2 682 452 435 0.43<br/>ライン3 771 807 763<br/>ライン4 526 380 664 0.34<br/>ライン5 900 797 760<br/>ライン6 498 399 537 0.35<br/>ライン7 748 790 768<br/>ライン8 674 437 460 0.43<br/>ライン9 1572</p>           |

添接板補強した腐食試験体のひずみ分布 (5)

| D1-4.5.0 | 母材 | 添接板 1 | 添接板 2 |
|----------|----|-------|-------|
| ライン 1    |    |       |       |
| ライン 2    |    |       |       |
| ライン 3    |    |       |       |
| ライン 4    |    |       |       |
| ライン 5    |    |       |       |
| ライン 6    |    |       |       |
| ライン 7    |    |       |       |
| ライン 8    |    |       |       |
| ライン 9    |    |       |       |

| D1-4.10.1 | 母材  | 添接板 1 | 添接板 2 |
|-----------|-----|-------|-------|
| ライン 1     | 383 |       |       |
| ライン 2     | 137 | 134   | 127   |
| ライン 3     | 160 | 170   | 168   |
| ライン 4     | 133 | 135   | 131   |
| ライン 5     | 183 | 168   | 164   |
| ライン 6     | 132 | 131   | 132   |
| ライン 7     | 178 | 163   | 168   |
| ライン 8     | 139 | 132   | 132   |
| ライン 9     | 375 |       |       |

|       | 母材 | 添接板 1 | 添接板 2 |
|-------|----|-------|-------|
| ライン 1 |    |       |       |
| ライン 2 |    |       |       |
| ライン 3 |    |       |       |
| ライン 4 |    |       |       |
| ライン 5 |    |       |       |
| ライン 6 |    |       |       |
| ライン 7 |    |       |       |
| ライン 8 |    |       |       |
| ライン 9 |    |       |       |

| D1-4.20.2 | 母材  | 添接板 1 | 添接板 2 |
|-----------|-----|-------|-------|
| ライン 1     | 769 |       |       |
| ライン 2     | 289 | 258   | 241   |
| ライン 3     | 355 | 342   | 338   |
| ライン 4     | 262 | 265   | 255   |
| ライン 5     | 367 | 337   | 332   |
| ライン 6     | 260 | 258   | 261   |
| ライン 7     | 352 | 330   | 338   |
| ライン 8     | 290 | 254   | 253   |
| ライン 9     | 753 |       |       |

| D1-4.30.3 | 母材   | 添接板 1 | 添接板 2 |
|-----------|------|-------|-------|
| ライン 1     | 1157 |       |       |
| ライン 2     | 459  | 369   | 338   |
| ライン 3     | 529  | 515   | 509   |
| ライン 4     | 388  | 393   | 377   |
| ライン 5     | 552  | 506   | 501   |
| ライン 6     | 386  | 381   | 385   |
| ライン 7     | 525  | 499   | 511   |
| ライン 8     | 457  | 360   | 360   |
| ライン 9     | 1134 |       |       |

| D1-4.40.1 | 母材   | 添接板 1 | 添接板 2 |
|-----------|------|-------|-------|
| ライン 1     | 1550 |       |       |
| ライン 2     | 658  | 440   | 394   |
| ライン 3     | 688  | 691   | 681   |
| ライン 4     | 498  | 510   | 457   |
| ライン 5     | 745  | 678   | 672   |
| ライン 6     | 488  | 478   | 475   |
| ライン 7     | 684  | 669   | 685   |
| ライン 8     | 639  | 430   | 430   |
| ライン 9     | 1517 |       |       |

| D2-1.4.0 | 母材  | 添接板 1 | 添接板 2 |
|----------|-----|-------|-------|
| ライン 1    | 155 |       |       |
| ライン 2    | 107 | 30    | 24    |
| ライン 3    | 84  | 77    | 70    |
| ライン 4    | 57  | 55    | 56    |
| ライン 5    | 75  | 73    | 67    |
| ライン 6    | 55  | 52    | 55    |
| ライン 7    | 84  | 74    | 71    |
| ライン 8    | 113 | 20    | 24    |
| ライン 9    | 153 |       |       |

| D2-1.10.0 | 母材  | 添接板 1 | 添接板 2 |
|-----------|-----|-------|-------|
| ライン 1     | 395 |       |       |
| ライン 2     | 312 | 51    | 37    |
| ライン 3     | 233 | 189   | 171   |
| ライン 4     | 148 | 130   | 132   |
| ライン 5     | 189 | 179   | 167   |
| ライン 6     | 144 | 122   | 129   |
| ライン 7     | 237 | 183   | 179   |
| ライン 8     | 280 | 32    | 32    |
| ライン 9     | 394 |       |       |

| D2-1.14.0 | 母材  | 添接板 1 | 添接板 2 |
|-----------|-----|-------|-------|
| ライン 1     | 572 |       |       |
| ライン 2     | 522 | 59    | 39    |
| ライン 3     | 340 | 259   | 233   |
| ライン 4     | 212 | 181   | 179   |
| ライン 5     | 269 | 253   | 237   |
| ライン 6     | 208 | 165   | 171   |
| ライン 7     | 347 | 246   | 243   |
| ライン 8     | 540 | 35    | 33    |
| ライン 9     | 574 |       |       |

| D2-1.20.0 | 母材  | 添接板 1 | 添接板 2 |
|-----------|-----|-------|-------|
| ライン 1     | 859 |       |       |
| ライン 2     | 892 | 61    | 38    |
| ライン 3     | 498 | 339   | 299   |
| ライン 4     | 357 | 262   | 233   |
| ライン 5     | 394 | 369   | 351   |
| ライン 6     | 315 | 214   | 215   |
| ライン 7     | 508 | 308   | 305   |
| ライン 8     | 672 | 38    | 31    |
| ライン 9     | 864 |       |       |

|       | 母材 | 添接板 1 | 添接板 2 |
|-------|----|-------|-------|
| ライン 1 |    |       |       |
| ライン 2 |    |       |       |
| ライン 3 |    |       |       |
| ライン 4 |    |       |       |
| ライン 5 |    |       |       |
| ライン 6 |    |       |       |
| ライン 7 |    |       |       |
| ライン 8 |    |       |       |
| ライン 9 |    |       |       |

| D2-1.26.9 | 母材   | 添接板 1 | 添接板 2 |
|-----------|------|-------|-------|
| ライン 1     | 1221 |       |       |
| ライン 2     | 2359 | -148  | -201  |
| ライン 3     | 1175 | 390   | 350   |
| ライン 4     | 1115 | 208   | 199   |
| ライン 5     | 639  | 483   | 454   |
| ライン 6     | 760  | 174   | 171   |
| ライン 7     | 1761 | 401   | 387   |
| ライン 8     | 2226 | -200  | -245  |
| ライン 9     | 1136 |       |       |

| D2-2.4.1 | 母材  | 添接板 1 | 添接板 2 |
|----------|-----|-------|-------|
| ライン 1    | 157 |       |       |
| ライン 2    | 106 | 21    | 24    |
| ライン 3    | 78  | 71    | 78    |
| ライン 4    | 57  | 58    | 54    |
| ライン 5    | 78  | 69    | 76    |
| ライン 6    | 57  | 58    | 55    |
| ライン 7    | 87  | 70    | 78    |
| ライン 8    | 108 | 26    | 33    |
| ライン 9    | 157 |       |       |

| D2-2.10.0 | 母材  | 添接板 1 | 添接板 2 |
|-----------|-----|-------|-------|
| ライン 1     | 394 |       |       |
| ライン 2     | 284 | 28    | 46    |
| ライン 3     | 218 | 172   | 190   |
| ライン 4     | 145 | 135   | 130   |
| ライン 5     | 193 | 172   | 185   |
| ライン 6     | 147 | 137   | 131   |
| ライン 7     | 237 | 169   | 190   |
| ライン 8     | 282 | 45    | 57    |
| ライン 9     | 394 |       |       |

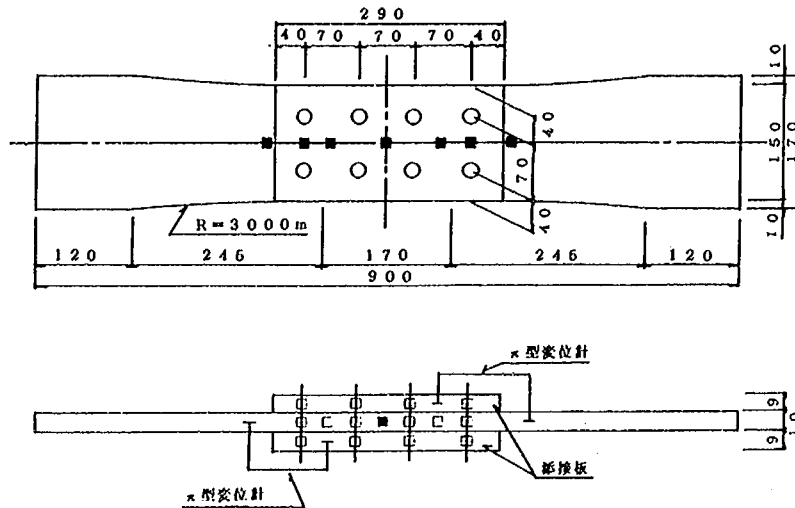
| D2-2.15.9 | 母材  | 添接板 1 | 添接板 2 |
|-----------|-----|-------|-------|
| ライン 1     | 644 |       |       |
| ライン 2     | 471 | 29    | 59    |
| ライン 3     | 396 | 266   | 297   |
| ライン 4     | 250 | 202   | 211   |
| ライン 5     | 313 | 276   | 295   |
| ライン 6     | 254 | 208   | 211   |
| ライン 7     | 426 | 257   | 290   |
| ライン 8     | 468 | 51    | 74    |
| ライン 9     | 640 |       |       |

| D2-2.20.0 | 母材  | 添接板 1 | 添接板 2 |
|-----------|-----|-------|-------|
| ライン 1     | 831 |       |       |
| ライン 2     | 606 | 31    | 58    |
| ライン 3     | 560 | 317   | 360   |
| ライン 4     | 337 | 241   | 256   |
| ライン 5     | 401 | 350   | 372   |
| ライン 6     | 343 | 246   | 256   |
| ライン 7     | 603 | 305   | 342   |
| ライン 8     | 589 | 53    | 78    |
| ライン 9     | 824 |       |       |

|       | 母材 | 添接板 1 | 添接板 2 |
|-------|----|-------|-------|
| ライン 1 |    |       |       |
| ライン 2 |    |       |       |
| ライン 3 |    |       |       |
| ライン 4 |    |       |       |
| ライン 5 |    |       |       |
| ライン 6 |    |       |       |
| ライン 7 |    |       |       |
| ライン 8 |    |       |       |
| ライン 9 |    |       |       |

| D2-2.26.9 | 母材   | 添接板 1 | 添接板 2 |
|-----------|------|-------|-------|
| ライン 1     | 1192 |       |       |
| ライン 2     | 1479 | 2     | 10    |
| ライン 3     | 966  | 338   | 408   |
| ライン 4     | 528  | 251   | 270   |
| ライン 5     | 589  | 476   | 511   |
| ライン 6     | 570  | 267   | 258   |
| ライン 7     | 1101 | 323   | 369   |
| ライン 8     | 3733 | -18   | -5    |
| ライン 9     | 1159 |       |       |

添接板補強した腐食試験体のすべり荷重推定値



$\sigma_y = 3600 \text{ kgf/cm}^2$   
(平滑材の引張試験より)

母材断面積：A

穴（ボルト用）断面を考慮した場合  $A = (15.0 - 2.45 \times 2) \times 1.0 = 10.1 (\text{cm}^2)$

穴断面を考慮しない場合  $A = 15.0 \times 1.0 = 15.0 (\text{cm}^2)$

母材降伏荷重

穴（ボルト用）断面を考慮した場合  $10.1 \times 3600 = 36.3 (\text{t})$

穴断面を考慮しない場合  $15.0 \times 3600 = 54.0 (\text{t})$

すべり荷重： $P_s$

添接板が受けもつ力  $\frac{9}{9+9+10}P$  と仮定

(1) 片側4本のボルトで受けもつ場合

$$\frac{9}{28 \times 4} \times P_s = \mu \times N \quad (N: \text{軸力})$$

$$\mu = 0.4, N = 10.0 (\text{t}) \rightarrow P_s = 59.7 (\text{t})$$

$$\mu = 0.4, N = 22.5 (\text{t}) \rightarrow P_s = 112.0 (\text{t})$$

$$\mu = 0.6, N = 10.0 (\text{t}) \rightarrow P_s = 74.7 (\text{t})$$

$$\mu = 0.6, N = 22.5 (\text{t}) \rightarrow P_s = 168.0 (\text{t})$$

(2) 片側2本のボルトで受けもつ場合

$$\frac{9}{28 \times 2} \times P_s = \mu \times N \quad (N: \text{軸力})$$

$$\mu = 0.4, N = 10.0 (\text{t}) \rightarrow P_s = 24.9 (\text{t})$$

$$\mu = 0.4, N = 22.5 (\text{t}) \rightarrow P_s = 56.0 (\text{t})$$

$$\mu = 0.6, N = 10.0 (\text{t}) \rightarrow P_s = 37.3 (\text{t})$$

$$\mu = 0.6, N = 22.5 (\text{t}) \rightarrow P_s = 84.0 (\text{t})$$

橋梁部材の腐食に対する健全度  
評価手法に関する共同研究報告書  
——腐食橋梁部材の耐荷力実験——

ISSN 0386-5878  
共同研究報告書第149号  
平成8年4月(1996)

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要旨 橋梁部材の腐食は、鋼道路橋の上部構造に見られる劣化損傷事例の大部分を占めており、既設橋の維持管理においては、腐食に対する適切な対処方法を明らかにすることが重要となっている。以上のことから、平成4～5年度に(財)日本橋梁建設協会と共同研究を行い、非破壊検査を用いた橋梁の腐食に対する点検方法、健全度評価方法および補修・補強方法について検討した。本報告書は、その一環として腐食の生じた橋梁部材の静的載荷実験を行い強度推定および補強方法についての検討結果をまとめたものである。

キーワード：鋼橋、腐食、非破壊検査、板厚測定、強度推定

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共同研究報告書第149号      部

上記のとおり受領しました。

所 属（住所）

氏 名

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