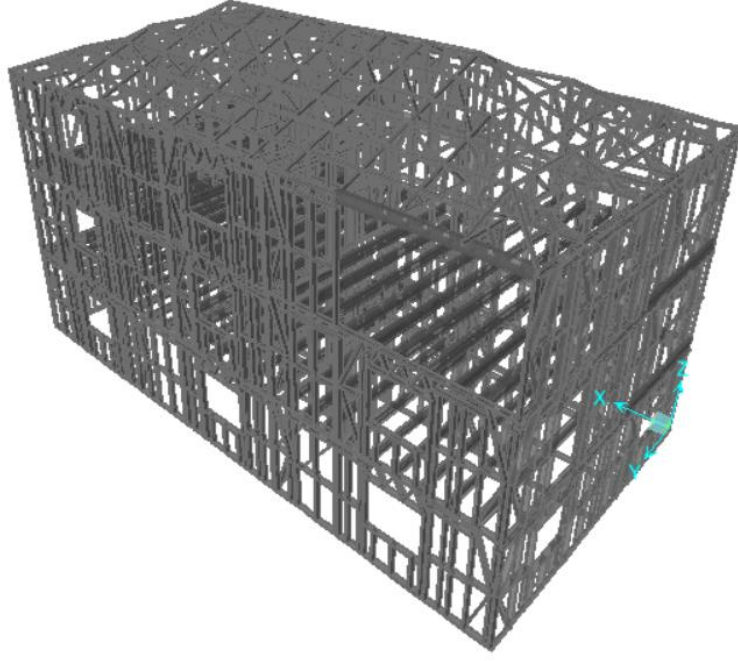


STATİK

STATİK

Yaşar Basatlı Konut
(Hafif Çelik Bina)
STATİK HESAP RAPORU



PK

SAP2000 V20.2.0 3D PERSPEKTİF GÖRÜNÜŞÜ

Hesaplar Sap2000V.20.2.0 programı programı kullanılarak yapılmıştır.



PROGRAMIN ADI : SAP 2000

SÜRÜMÜ : Versiyon 20.2.0

MÜELLİFİ : Computers & Structures

GENEL

ÖZELLİKLERİ

Yapıların Sonlu Elemanlarla Çözümleme ve Boyutlama için Yazılımı

Kullanılan Normlar

- TS 498 Yapı elemanlarının boyutlandırılmasında kullanılacak yüklerin hesap değeri
- Çelik Yapıların Tasarım, Hesap ve Yapım Esasları (AISC-360-10)
- TS 500 Betonarme yapıların hesap ve yapım kuralları
- TS 3233 Çekme Çubuklarında Kenetlenme Hesabı
- TBDY 2018 Türkiye Bina Deprem Yönetmeliği
- ÇYTHYE-2016 UYGULAMA KILAVUZU
- ÇYTHYE-2016: ÇELİK YAPILARIN TASARIM, HESAP VE YAPIM ESASLARI
- AISI-ASD96 American Institute of Steel Construction
- AISC-ASD89 American Institute of Steel Construction – Allowable Stress Design 1989
- DIN 18800 Alman çelik yapı normu
- DIN EN 1990 Eurocode 0: Basis of structural design
- DIN EN 1990/A1 Eurocode 0: Basis of structural design, Düzenlemeler 1
- DIN EN 1991-1-1 Eurocode 1: General actions
- TS EN 1991-1-1 Eurocode 1: Yapılar üzerindeki etkiler
- DIN EN 1991-1-3 (2004) Eurocode 1: Kar yükleri
- TS EN 1991-1-3 Eurocode 1: Kar yükleri
- DIN EN 1991-1-4 (2005) Eurocode 1: Rüzgar yükleri
- TS EN 1991-1-4 Eurocode 1: Rüzgar yükleri
- DIN EN 1993-1-1 Eurocode 3: General rules and rules for buildings
- DIN EN 1998-1 Eurocode 8: Deprem Yönetmeliği

Yukarıda belirtilen normlarda yer almayan bilgilerin olması durumunda, ilaveten avrupa, alman ve türk normlarına ve literatürüne başvurulmuştur.

1. RAPOR ÖZETİ :

Üç katlı hafif çelik profillerden teşkil edilecek olan bu yapının statik hesabı Sap2000 programı kullanılarak yapılmıştır.

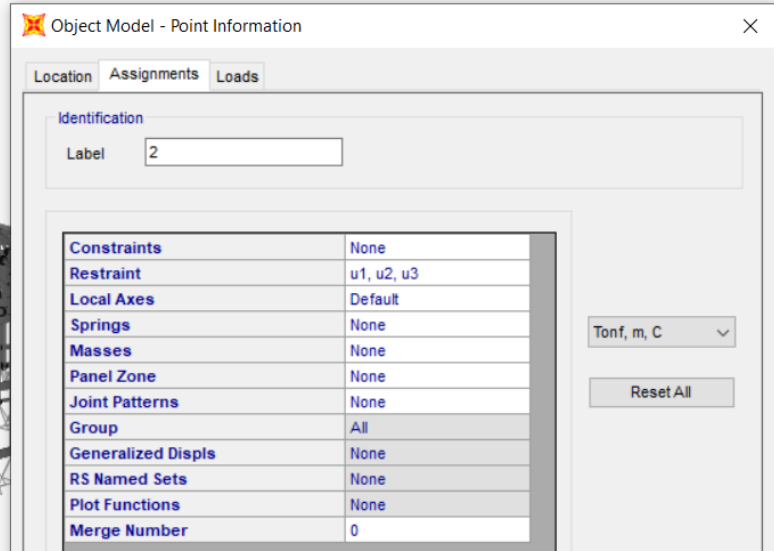
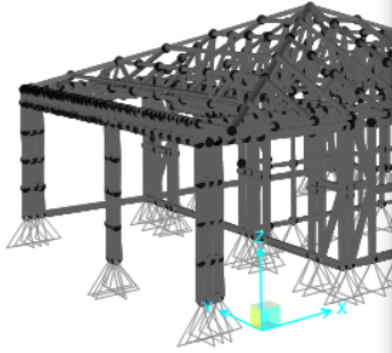
Yapı Zonguldak İlinde Çaycuma ilçesinde Pehlivanlar mahallesinde kurulacaktır.

Yapıyı oluşturan elemanlar statik olarak perde gibi davrandığından raporun ilerleyen safhalarında da görüleceği üzere temel tasarımı yapılırken zımbalama tahlikine gerek duyulmayacaktır. Yapının dinamik analizi yapılırken, bulunduğu zemine bağlı periyot kıyaslaması ve yorumlaması yine ayrıntılı şekilde işlenecektir. Yapının dizaynı yapılırken yatay yükler (deprem, rüzgar) kıyaslanacak ve en olumsuz olanı seçilerek dizayna devam edilecektir.

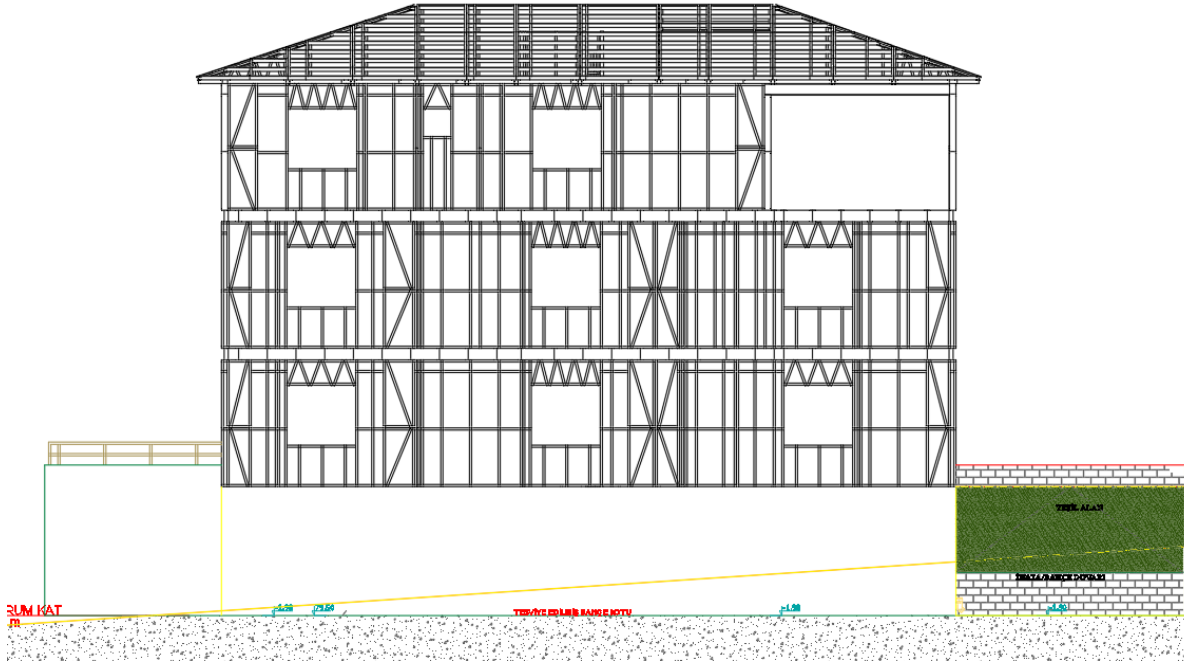
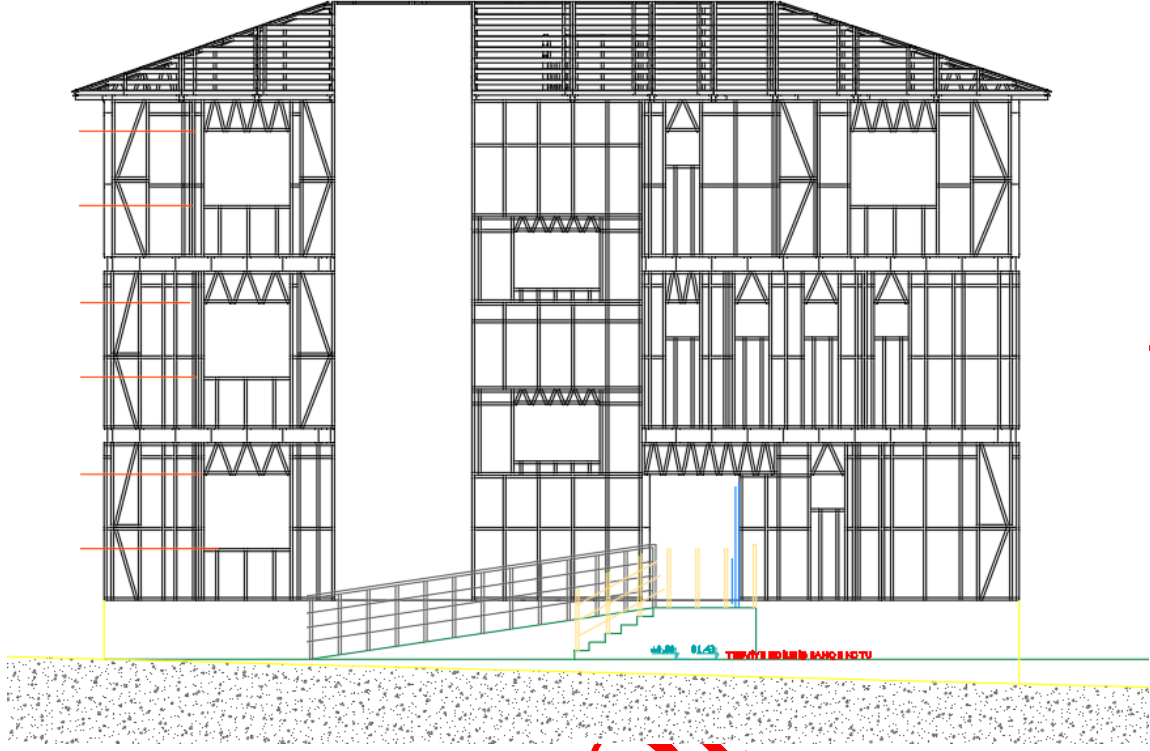
Sehim Kriterleri :

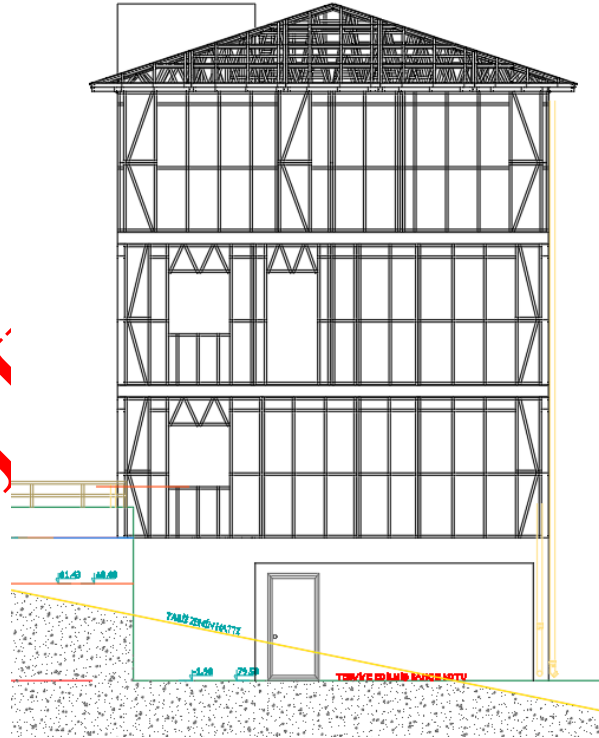
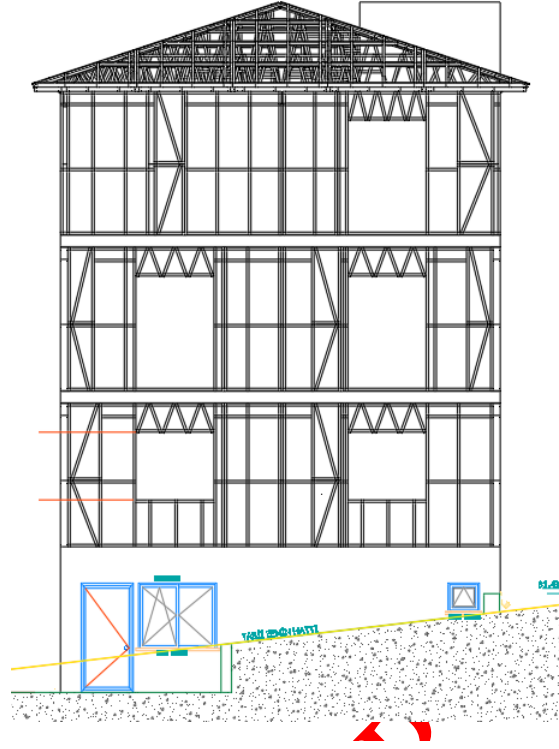
- Kolon başı (her iki yönde) hkolon/250
- Kiriş ve aşıklar (her iki yönde) lkiş/300
- Konsol (düşeyde) lKonsol/200
- Konsol sonu (yatayda) lKonsol/100

Sistem Kolon Mesnetlenme Şekli :



Hafif Çelik Cephe Görünüşleri





Yapı kısa doğrultuda : 8,45m

Yapı uzun doğrultuda : 16,00m

2. TEMEL KABULLER :

2.1 Birimler

Gerek tasarımda gerekse hesaplarda SI uluslar arası ölçü birim sistemi kullanılmıştır.

Uzunluk (m)

Yükler (ton)

Ağırlık (ton)

Kütle (ton.sn²/m)

Moment (ton.m)

Gerilme (ton/m²)

2.2 Malzeme

Yapı Çeliği

Duvar, Kolon, Kiriş ve Makas Malzemeleri **DX51D** olarak tasarlanmıştır. (birimler ton-cm)

Material Property Data

×

The screenshot shows a software interface for defining material properties. The material is identified as DX51D, a ColdFormed material with an SQ Grade 50. The units are set to Tonf, cm, C. The properties are categorized into General Data, Weight and Mass, Isotropic Property Data, and Other Properties For Cold Formed Materials.

Property	Value
Material Name and Display Color	DX51D
Material Type	ColdFormed
Material Grade	SQ Grade 50
Material Notes	Modify/Show Notes...
Weight per Unit Volume	7,850E-06
Mass per Unit Volume	8,005E-09
Units	Tonf, cm, C
Modulus Of Elasticity, E	2100,
Poisson, U	0,3
Coefficient Of Thermal Expansion, A	1,170E-05
Shear Modulus, G	807,6923
Minimum Yield Stress, Fy	2,7
Minimum Tensile Stress, Fu	5,

Yapı Elemanlarında Emniyet Gerilmeleri (kg/cm²)

	Gerilmenin Cinsi	MALZEME							
		St 33		St 37		St 52		St 44	
		YÜKLEME							
		H	HZ	H	HZ	H	HZ	H	HZ
1	Basınç ve eğilme basınç gerilmeleri (DIN 4114 e göre burkulma ve yanıl burkulma tahkiki lüzümlü ise	1200	1400	1400	1600	2100	2400	1700	1950
2	Çekme, eğilme çekme ve burkulma yapmıyacak şekilde bağlanmış eğilme basınç gerilmesi	1400	1600	1600	1800	2400	2700	1950	2200
3	Kayma gerilmesi	900	1050	900	1050	1350	1550	1150	1350
4	Perçin ve bulon deliklerinde elastisite teorisine göre hesaplanan en büyük gerilmeler	2800	3200	2800	3200	4200	4800	3400	3900

Birleşim elemanları (Somun ve Vidalar)

Tüm birleşimlerde 10.9 (eski 10K) ve 8.8 kalitesindeki yüksek mukavemetli bulonları kullanılacaktır. Birleşim çeşidi SL' dir. Ankraj bulonları 5.6 A.B kalitesinde seçilmiştir.

Normal bulonlara ait emniyet gerilmeleri (kg/cm²)

Bulon Cinsi	Uygun Bulonlar				Kaba Bulonlar		Ankraj Bulonları			
	St 37		St 52		4.6 (4D)		4.6 (4D)		5.6 (5D)	
Bulon Malzemesi	4.6 (4D)		5.6 (5D)		4.6 (4D)		4.6 (4D)		5.6 (5D)	
Yükleme Hali	H	HZ	H	HZ	H	HZ	H	HZ	H	HZ
Makaslama em ger, τ_{sem}	1400	1600	2100	2400	1120	1260				
Ezilme em ger, σ_{lem}	2800	3200	4200	4800	2400	2700				
Çekme em ger, σ_{zem}	1120	1120	1500	1500	1120	1120	1120	1120	1500	1500

SL ve SLP birleşimlerinde τ_{sem} ve σ_{zem} gerilmeleri (kg/cm²)

Birleşim	SL		SLP	
	H	HZ	H	HZ
τ_{sem}	2400	2700	2800	3200
σ_{zem}	3,6	4,1	3,6	4,1

SL ve SLP birleşimlerinde σ_{lem} emniyet gerilmeleri (kg/cm²)

Birleşim	Çeşidi	Öngerilme	Birleştirilen Yapı Elemanlarının Malzemeleri			
			St 37		St 52	
			Yükleme Hali			
			H	HZ	H	HZ
SL	0		2800	3200	4200	4700
	> 0,5Pv		3800	4300	5700	6400
SLP	0		3200	3600	4800	5400
	> 0,5Pv		4200	4700	6300	7100

10.9 çeliği, kopma mukavemeti $\sigma_B = 10 \times 10 = 100 \text{ kg/mm}^2$ ve $\epsilon = 0,2$ birim uzamasına karşın gerilmesi $\sigma_{0,2} = 0,9 \times 100 = 90 \text{ kg/mm}^2$ olan çeliktir.

8.8 çeliği, kopma mukavemeti $\sigma_B = 8 \times 10 = 80 \text{ kg/mm}^2$ ve $\varepsilon = 0,2$ birim uzamasına karşın gerilmesi $\sigma_{0,2} = 0,8 \times 80 = 64 \text{ kg/mm}^2$ olan çeliktir

5.6 çeliği, kopma mukavemeti $\sigma_B = 5 \times 10 = 50 \text{ kg/mm}^2$ ve akma sınırı $\sigma_F = 0,6 \times 50 = 30 \text{ kg/mm}^2$ olan çeliktir.

3. YÜK ANALİZİ

3.1 Düşey Yükler ;

Catı Yük Analizi :

Ölü Yük(Çatı üzerindeki kaplama)..... = **0,025t/m²**

Konstrüksiyon..... = **(Program kendi hesaplamaktadır.)**

Kar..... = **0,075 t/m²**

Normal Yükü Analizi :

Ölü Yük(Çatı üzerindeki kaplama)..... = **0,050t/m²**

Konstrüksiyon..... = **(Program kendi hesaplamaktadır.)**

Hareketli..... = **0,200t/m²**

3.2 Rüzgar Yükleri ;

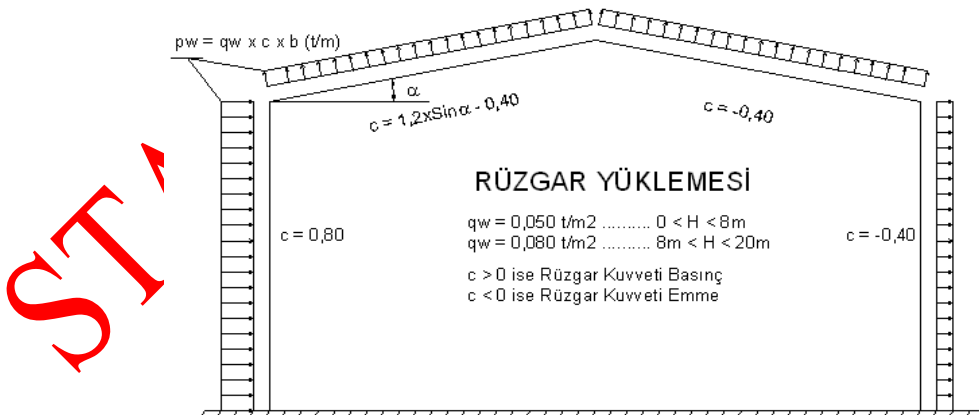
TS 498 standardına göre yüksekliğe bağlı olarak emme:

0 m - 8 m

$q = 0,50 \text{ kN/m}^2$

8 m – 20 m

$q = 0,80 \text{ kN/m}^2$

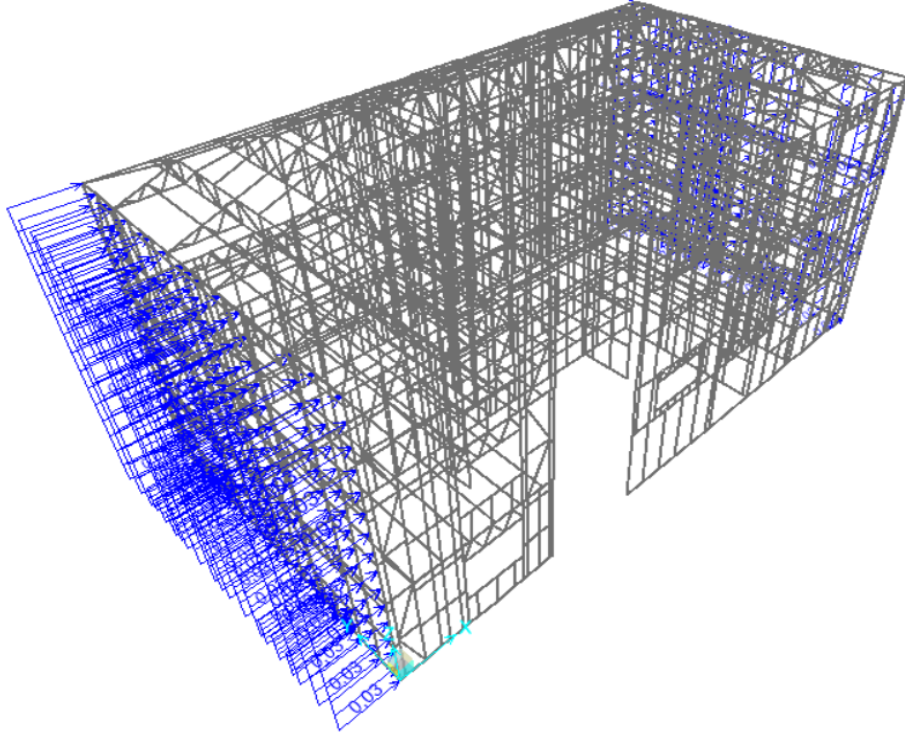


Rüzgar yükü olarak metrekareye 50 kg/m^2 alınmıştır.(TSE498)

Rüzgar Yüklerinin Yapıya Etki Ettirilmesi :

RXP (X yönündeki pozitif rüzgar yükü) : (50 kg/m²)

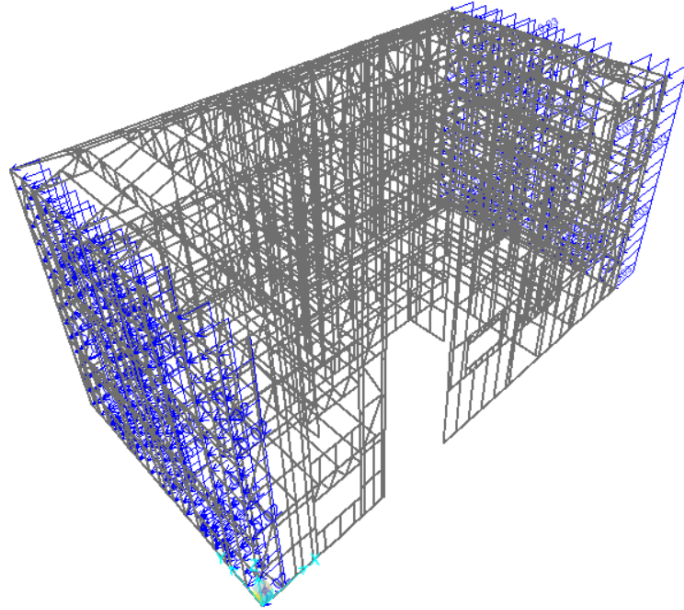
Frame Span Loads (RXP) (GLOBAL CSys)



RXN (X yönündeki negatif rüzgar yükü) : (50 kg/m²)

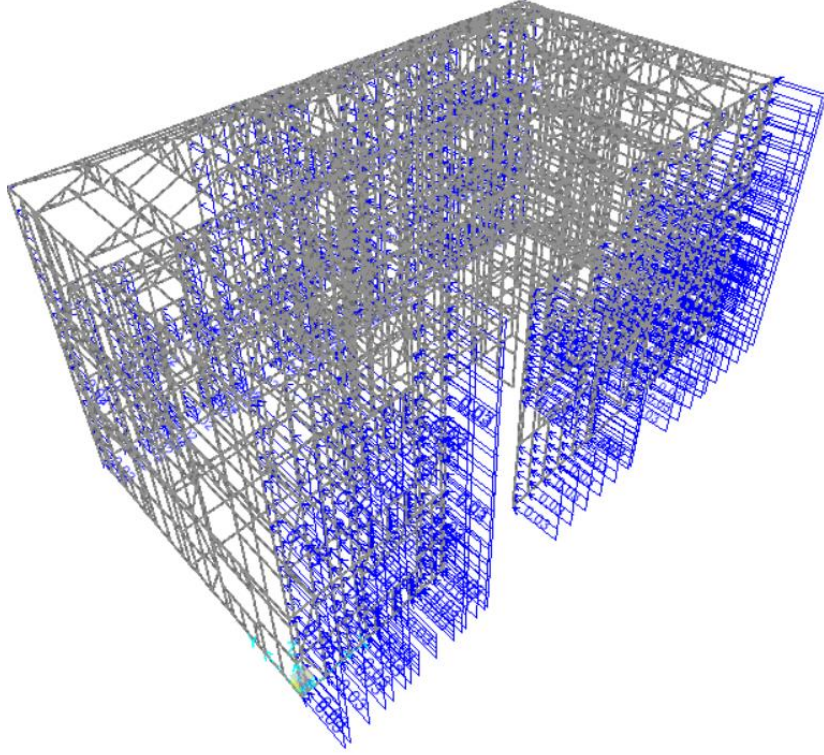
Frame Span Loads (RXN) (GLOBAL CSys)

STA



RYP (Y yönündeki pozitif rüzgar yükü) : (50 kg/m²)

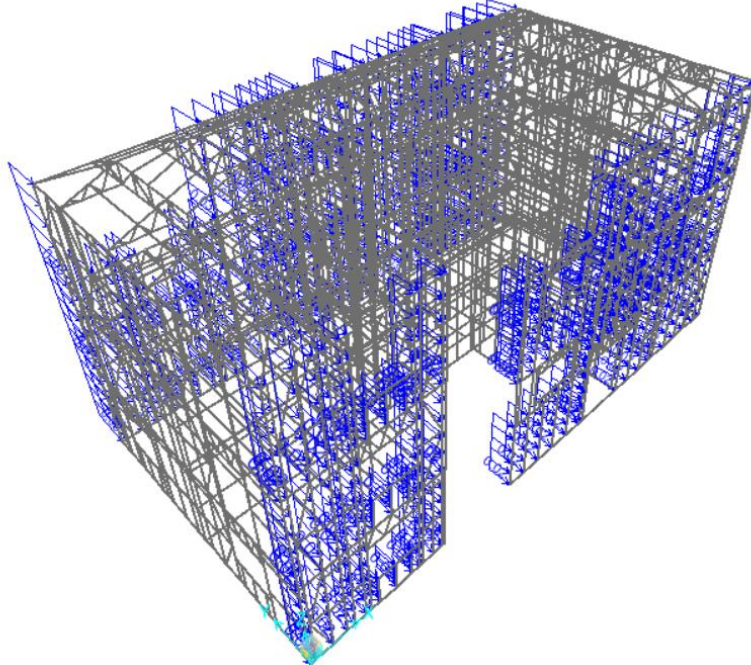
Frame Span Loads (RYP) (GLOBAL CSys)



OK

RYN (Y yönündeki negatif rüzgar yükü) : (50 kg/m²)

Frame Span Loads (RYN) (GLOBAL CSys)



ST

Rüzgar Taban Kesme Kuvveti : SAP2000 programından alınmıştır.(Birim ton)

TABLE: Base Reactions							
OutputCase	CaseType	GlobalFX	GlobalFY	GlobalFZ	GlobalMX	GlobalMY	GlobalMZ
Text	Text	Tonf	Tonf	Tonf	Tonf-m	Tonf-m	Tonf-m
RXP	LinStatic	-5,688	7,34E-14	4,687E-14	-7,111E-13	-23,2506	25,24763
RXN	LinStatic	5,688	1,323E-13	-6,652E-14	-5,372E-13	23,2506	-25,32064
RYP	LinStatic	-4,031E-12	-12,3519	-8,389E-13	47,9607	-1,551E-11	-97,87343
RYN	LinStatic	4,182E-12	13,3444	8,874E-13	-50,89192	1,615E-11	107,83648

4. KULLANILAN KESİTLERİN ÖZELLİKLERİ :(Birimler cm cinsinden)

A : Kesit Alanı

I33 : Kesit 3 yönü atalet Momenti (cm⁴)

I22 : Kesit 2 yönü atalet Momenti (cm⁴)

S33 : Kesit 3 yönü atalet Mukavemet Momenti (cm³)

S22 : Kesit 2 yönü atalet Mukavemet Momenti (cm³)

r33 : Kesit 3 yönü atalet yarıçapı (cm)

r22 : Kesit 2 yönü atalet yarıçapı (cm)

SAP2000 HESAP PROGRAMINDA TAHKİKİ YAPILAN KESİTLER

4.1 C140-1.50mm Zemin Kat ve 1. Kat Dış Duvar Panel Profilleri (DX51D Kalitesindedir)

Cold Formed C Section

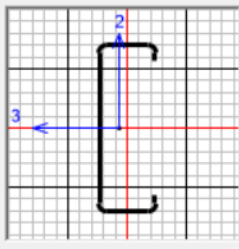
Section Name: CC140-47-12-1,50mm Display Color:

Section Notes: [Modify/Show Notes...](#)

Dimensions

Outside Height (A)	14,
Outside Width (B)	4,7
Thickness (t)	0,15
Radius (R)	0,635
Lip Depth (C)	1,27

Section



Material: DX51D

Property Modifiers: [Set Modifiers...](#)

Properties: [Section Properties...](#), [Time Dependent Properties...](#)

Property Data


Section Name: CC140-47-12-1,50mm

Properties

Cross-section (axial) area	3,6182	Section modulus about 3 axis	14,8609
Moment of Inertia about 3 axis	104,0265	Section modulus about 2 axis	2,8266
Moment of Inertia about 2 axis	9,6977	Plastic modulus about 3 axis	14,8609
Product of Inertia about 2-3	0,	Plastic modulus about 2 axis	2,8266
Shear area in 2 direction	1,8645	Radius of Gyration about 3 axis	5,362
Shear area in 3 direction	0,939	Radius of Gyration about 2 axis	1,6372
Torsional constant	0,0271	Shear Center Eccentricity (x3)	0,

STA

4.2 C140-1.20mm 2.Kat Dış Duvar Panel Profilleri (DX51D Kalitesindedir)

 Cold Formed C Section

×

Section Name

Section Notes

Display Color

Dimensions

Outside Height (A)

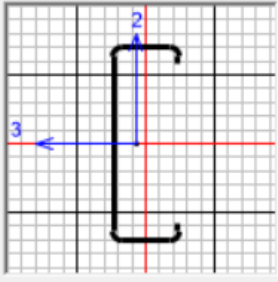
Outside Width (B)

Thickness (t)

Radius (R)

Lip Depth (C)


Section



Material

Property Modifiers

Properties

 Property Data


×

Section Name

Properties

Cross-section (axial) area	2,8952	Section modulus about 3 axis	11,9586
Moment of Inertia about 3 axis	83,7105	Section modulus about 2 axis	2,2484
Moment of Inertia about 2 axis	7,7594	Plastic modulus about 3 axis	11,9586
Product of Inertia about 2-3	0,	Plastic modulus about 2 axis	2,2484
Shear area in 2 direction	1,4988	Radius of Gyration about 3 axis	5,3771
Shear area in 3 direction	0,7656	Radius of Gyration about 2 axis	1,6371
Torsional constant	0,0139	Shear Center Eccentricity (x3)	0,

4.3 C80-1.00mm Çatı Panelleri , Çatı Makasları, 2. Kat İç duvarlar (malzeme DX51D kalitesindedir.)

 Cold Formed C Section

×

Section Name

Section Notes

Display Color ■

Dimensions

Outside Height (A)

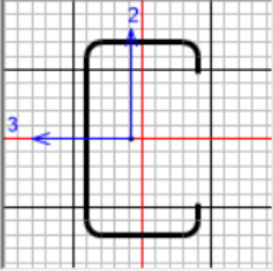
Outside Width (B)

Thickness (t)

Radius (R)

Lip Depth (C)

Section




Material

+

Property Modifiers

Properties

 Property Data

×

Section Name


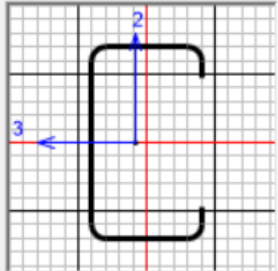
Properties

Cross-section (axial) area	1,8364	Section modulus about 3 axis	4,8202
Moment of Inertia about 3 axis	19,281	Section modulus about 2 axis	1,8305
Moment of Inertia about 2 axis	5,5536	Plastic modulus about 3 axis	4,8202
Product of Inertia about 2-3	0,	Plastic modulus about 2 axis	1,8305
Shear area in 2 direction	0,653	Radius of Gyration about 3 axis	3,2403
Shear area in 3 direction	0,646	Radius of Gyration about 2 axis	1,739
Torsional constant	6,121E-03	Shear Center Eccentricity (x3)	0,

4.4 C80-1.20mm 1. Kat İç duvarlar (malzeme DX51D kalitesindedir.)

Cold Formed C Section

×

Section Name	CC80-47-10-1,20mm	Display Color	
Section Notes	Modify/Show Notes...		
Dimensions		Section	
Outside Height (A)	<input type="text" value="8,"/>		
Outside Width (B)	<input type="text" value="4,7"/>		
Thickness (t)	<input type="text" value="0,12"/>		
Radius (R)	<input type="text" value="0,635"/>		
Lip Depth (C)	<input type="text" value="1,27"/>		
Material	<input type="text" value="DX51D"/>	Property Modifiers	
+	-	Set Modifiers...	
		Properties	
		Section Properties...	
		Time Dependent Properties...	

Property Data

×

Section Name		CC80-47-10-1,20mm	
Properties			
Cross-section (axial) area	<input type="text" value="2,192"/>	Section modulus about 3 axis	<input type="text" value="5,7192"/>
Moment of Inertia about 3 axis	<input type="text" value="22,8768"/>	Section modulus about 2 axis	<input type="text" value="2,16"/>
Moment of Inertia about 2 axis	<input type="text" value="6,5544"/>	Plastic modulus about 3 axis	<input type="text" value="5,7192"/>
Product of Inertia about 2-3	<input type="text" value="0,"/>	Plastic modulus about 2 axis	<input type="text" value="2,16"/>
Shear area in 2 direction	<input type="text" value="0,7788"/>	Radius of Gyration about 3 axis	<input type="text" value="3,2305"/>
Shear area in 3 direction	<input type="text" value="0,7656"/>	Radius of Gyration about 2 axis	<input type="text" value="1,7292"/>
Torsional constant	<input type="text" value="0,0105"/>	Shear Center Eccentricity (x3)	<input type="text" value="0,"/>

4.5 C80-1.50mm Zemin Kat İç duvarlar (malzeme DX51D kalitesindedir.)

Cold Formed C Section ×

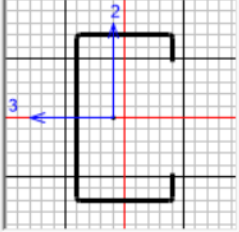
Section Name CC80-47-10-1,50mm **Display Color** ■

Section Notes Modify/Show Notes...

Dimensions

Outside Height (A)	8,
Outside Width (B)	4,7
Thickness (t)	0,15
Radius (R)	0,15
Lip Depth (C)	1,27

Section



Material + DX51D -

Property Modifiers Set Modifiers...

Properties

Section Properties...

Time Dependent Properties...

Property Data ×

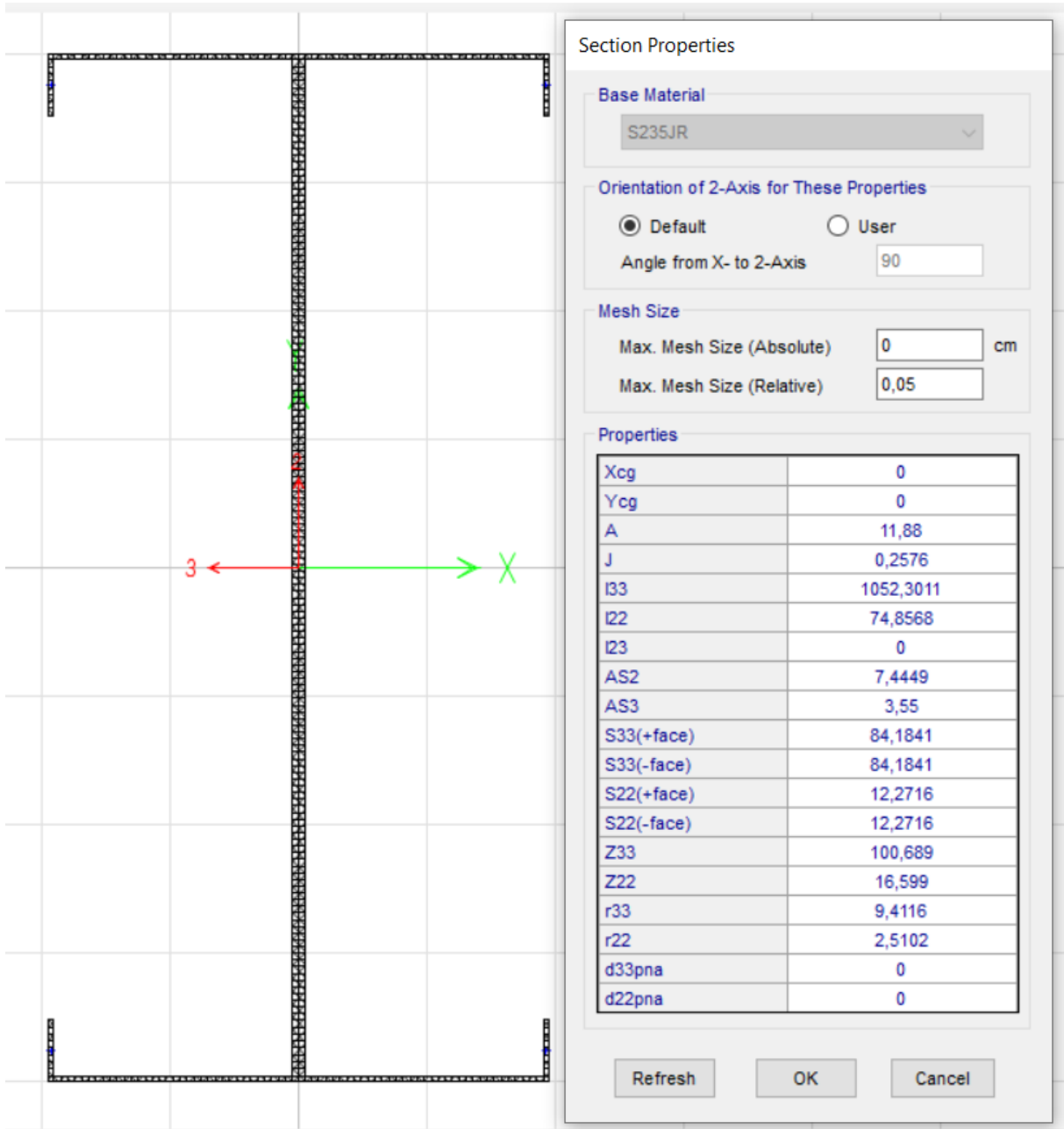
Section Name CC80-47-10-1,50mm

Properties

Cross-section (axial) area	2,8431	Section modulus about 3 axis	7,5456
Moment of Inertia about 3 axis	30,1823	Section modulus about 2 axis	2,9195
Moment of Inertia about 2 axis	8,7742	Plastic modulus about 3 axis	7,5456
Product of Inertia about 2-3	0,	Plastic modulus about 2 axis	2,9195
Shear area in 2 direction	1,11	Radius of Gyration about 3 axis	3,2582
Shear area in 3 direction	1,23	Radius of Gyration about 2 axis	1,7567
Torsional constant	0,0213	Shear Center Eccentricity (x3)	0,

STI

4.6 2*C25061-15-1.50mm Arakat Profilleri (malzeme DX51D kalitesindedir.)



Section Properties

Base Material: S235JR

Orientation of 2-Axis for These Properties:
 Default User
Angle from X- to 2-Axis: 90

Mesh Size:
Max. Mesh Size (Absolute): 0 cm
Max. Mesh Size (Relative): 0,05

Properties

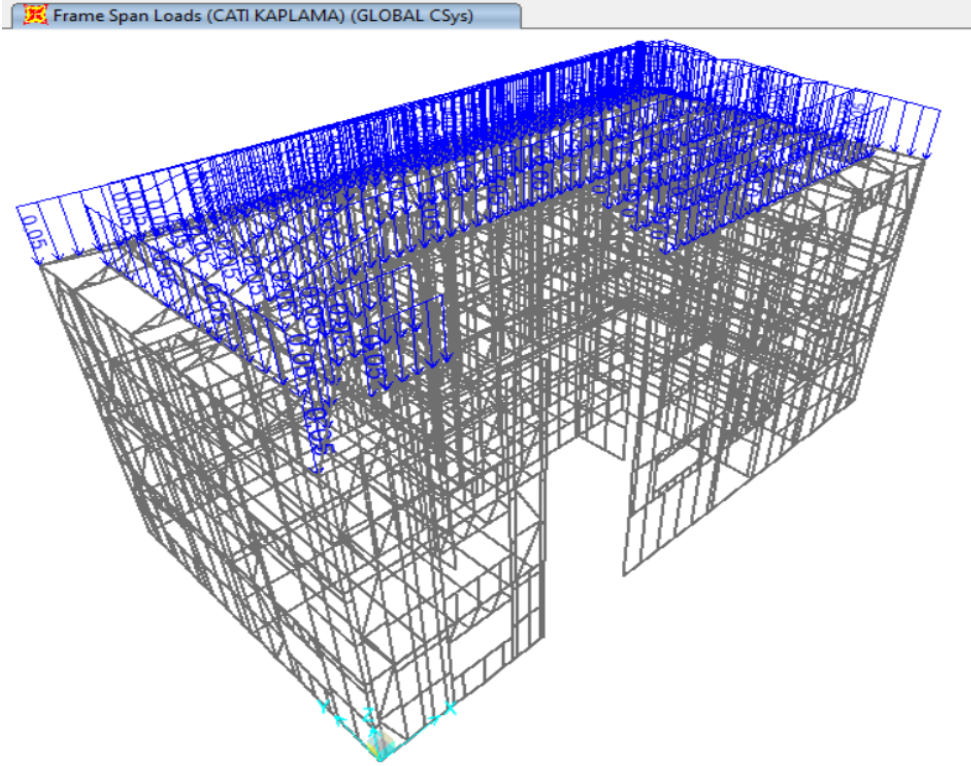
Xcg	0
Ycg	0
A	11,88
J	0,2576
I33	1052,3011
I22	74,8568
I23	0
AS2	7,4449
AS3	3,55
S33(+face)	84,1841
S33(-face)	84,1841
S22(+face)	12,2716
S22(-face)	12,2716
Z33	100,689
Z22	16,599
r33	9,4116
r22	2,5102
d33pna	0
d22pna	0

Refresh OK Cancel

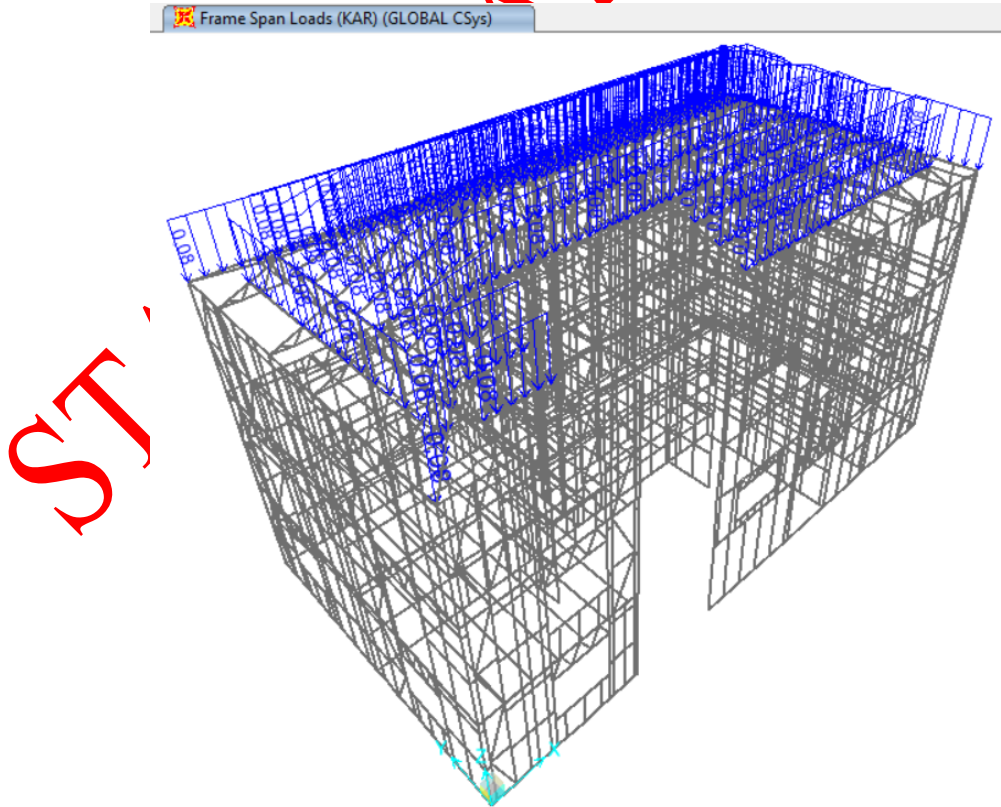
ST

5.SİSTEM YÜKLEME ŞEKİLLERİ :

Çatı Kaplama : 25.00kg/m²

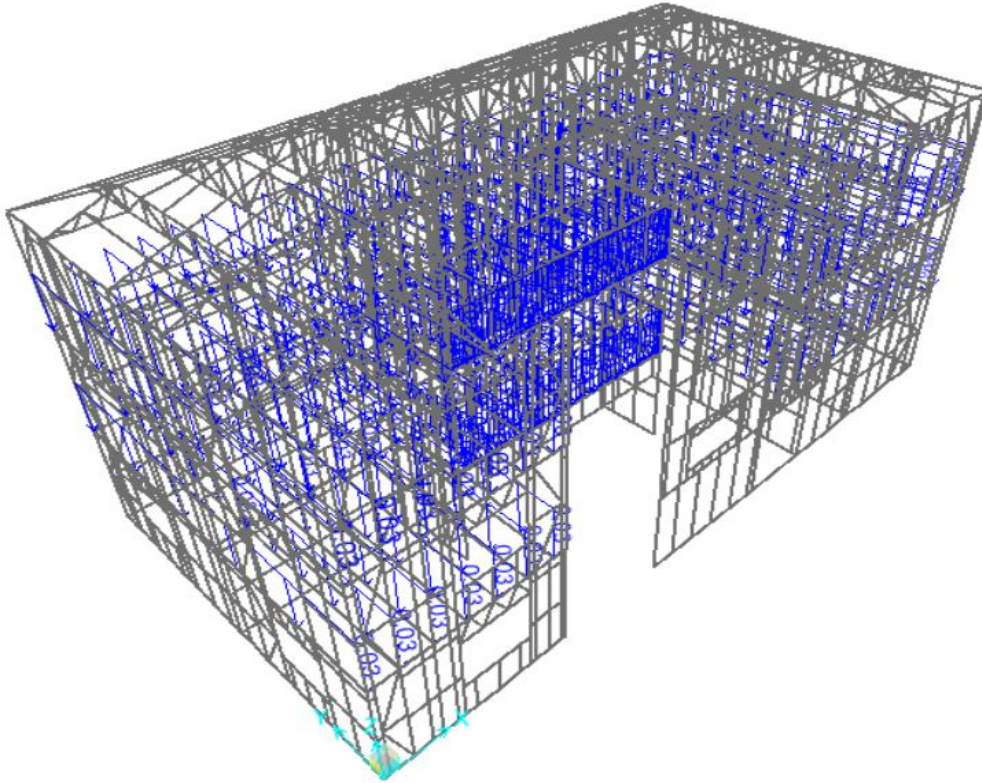


Kar Yüğü : 75.00kg/m²



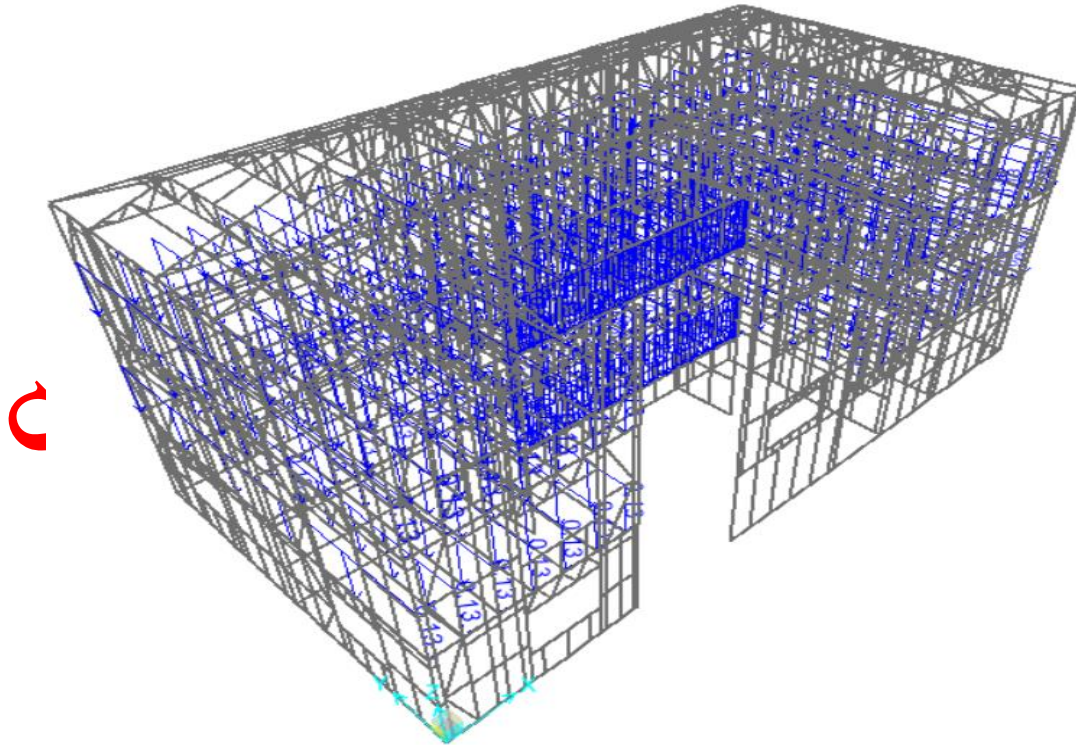
Arakat Kaplama Yükləri : 50.00kg/m²

Frame Span Loads (DOSEME KAPLAMA) (GLOBAL CSys)



Arakat Hareketli Yük : 200.00kg/m²

Frame Span Loads (HAREKETLI) (GLOBAL CSys)



YÜK DURUMLARI VE KOMBİNASYONLAR

Kombinasyonlar 2016 yılında yayınlanan Çelik yönetmeliklerine uygun olarak yapılacaktır.

5.3.1 – Yük ve Dayanım Katsayıları ile Tasarım (YDKT)

Bu tasarım yönteminde gerekli dayanım, R_u , aşağıdaki yük birleşimleri ile belirlenecektir.

- (1) $1.4G$
- (2a) $1.2G + 1.6(Q_r \text{ veya } S \text{ veya } R)$
- (2b) $1.2G + 1.6Q + 0.5(Q_r \text{ veya } S \text{ veya } R)$
- (3) $1.2G + 1.6(Q_r \text{ veya } S \text{ veya } R) + (Q \text{ veya } 0.8W)$
- (4) $1.2G + 1.0Q + 0.5(Q_r \text{ veya } S \text{ veya } R) + 1.6W$
- (5) $1.2G + 1.0Q + 0.2S + 1.0E$
- (6) $0.9G + 1.6W$
- (7) $0.9G + 1.0E$

Statik Yük Durumları

TABLE: Load Pattern Definitions			
LoadPat	DesignType	SelfWtMult	AutoLoad
Text	Text	Unitless	Text
DEAD	Dead	1	
KAR	Snow	0	
CATI KAPLAMA	Super Dead	0	
RXP	Wind	0	None
RXN	Wind	0	None
RYP	Wind	0	None
RYN	Wind	0	None
EX	Quake	0	TSC-2018
EY	Quake	0	TSC-2018

Statik Yük Kombinasyonları

TABLE: Auto Combination Option Data 02 - User Data		
DesignType	LSType	LCName
Text	Text	Text
Coldformed	Strength	DEAD
Coldformed	Strength	KAR
Coldformed	Strength	CATI KAPLAMA
Coldformed	Strength	RXP
Coldformed	Strength	RXN
Coldformed	Strength	RYP
Coldformed	Strength	RYN
Coldformed	Strength	EX
Coldformed	Strength	EY
Coldformed	Strength	HAREKETLI
Coldformed	Strength	DOSEME KAPLAMA
Coldformed	Deflection	DEAD

Coldformed	Deflection	KAR
Coldformed	Deflection	CATI KAPLAMA
Coldformed	Deflection	HAREKETLI
Coldformed	Deflection	DOSEME KAPLAMA

STATİK RAPOR ÖRNEK

6. DİNAMİK ANALİZ :

Depreme Katılan Hareketli Yüklerin ve Sabit Yüklerin Katılım Oranları :

Sap2000 programına tanıtılan Kütle Katılım Oranları :

Load Pattern	Multiplier
DEAD	1,
DEAD	1,
KAR	0,3
CATI KAPLAMA	1,
HAREKETLI	0,3
ARAKAT KAPLAMA	1,

BYS (Bina Yükseklik Sınıfı) : 8

n katsayısı; TDY yönetmeliğinden alınmıştır.

Tablo 4.1 (devamı)

Bina Taşıyıcı Sistemi	Taşıyıcı Sistem Davranış Katsayısı <i>R</i>	Dayanım Fazlalığı Katsayısı <i>D</i>	İzin Verilen Bina Yükseklik Sınıfları <i>BYS</i>
D. HAFİF ÇELİK BİNA TAŞIYICI SİSTEMLERİ			
D1. Süneklik Düzeyi Yüksek Taşıyıcı Sistemler			
Deprem etkilerinin tamamının vidalı, bulonlu sac, OSB veya kontrplak (plywood) duvar panelleri ile karşılandığı süneklik düzeyi yüksek hafif çelik binalar	4	2	BYS = 8
D2. Süneklik Düzeyi Sınırlı Taşıyıcı Sistemler (Bkz.4.3.4.1)			
Deprem etkilerinin tamamının alçı levhalar içeren kaplamalı veya çaprazlı panellerle karşılandığı süneklik düzeyi sınırlı hafif çelik binalar	3	2	BYS = 8

Tablo 3.1 – Bina Kullanım Sınıfları ve Bina Önem Katsayıları

Bina Kullanım Sınıfı	Binanın Kullanım Amacı	Bina Önem Katsayısı (<i>I</i>)
BKS = 2	İnsanların kısa süreli ve yoğun olarak bulunduğu binalar Alışveriş merkezleri, spor tesisleri, sinema, tiyatro, konser salonları, ibadethaneler, vb.	1.2
BKS = 3	Diğer binalar BKS=1 ve BKS=2 için verilen tanımlara girmeyen diğer binalar (Konutlar, işyerleri, oteller, bina türü endüstri yapıları, vb.)	1.0

Deprem Taban Kesme Kuvveti Katsayısı Hesaplama :

(b) 1.0 saniye periyot için *harita spektral ivme katsayısı* S_1

Birbirine dik iki yatay doğrultudaki deprem etkilerinin geometrik ortalamasına karşı gelen *harita spektral ivme katsayıları*, belirli bir deprem yer hareketi düzeyi için referans zemin koşulu [$(V_S)_{30}=760$ m/s] esas alınarak %5 sönüm oranı için *harita spektral ivmeleri*'nin yerçekimi ivmesine bölünmesi ile *boyutsuz katsayılar* olarak tanımlanmıştır.

2.3.2.2 – 2.3.2.1'de tanımlanan *harita spektral ivme katsayıları* S_S ve S_1 , aşağıdaki şekilde *tasarım spektral ivme katsayıları* S_{DS} ve S_{D1} 'e dönüştürülür:

$$\begin{aligned} S_{DS} &= S_S F_S \\ S_{D1} &= S_1 F_1 \end{aligned} \quad (2.1)$$

Tablo 2.2 – 1.0 saniye periyot için Yerel Zemin Etki Katsayıları

Yerel Zemin Sınıfı	1.0 saniye periyot için Yerel Zemin Etki Katsayısı F_1					
	$S_1 \leq 0.10$	$S_1 = 0.20$	$S_1 = 0.30$	$S_1 = 0.40$	$S_1 = 0.50$	$S_1 \geq 0.60$
ZA	0.8	0.8	0.8	0.8	0.8	0.8
ZB	0.8	0.8	0.8	0.8	0.8	0.8
ZC	1.5	1.5	1.5	1.5	1.5	1.4
ZD	2.4	2.2	2.0	1.9	1.8	1.7
ZE	4.2	3.3	2.8	2.4	2.2	2.0
ZF	Sahaya özel zemin davranış analizi yapılacaktır (Bkz.16.5).					

2.3.3.2 – **Tablo 2.1** ve/veya **Tablo 2.2**'ye göre ZF yerel zemin sınıfına giren zeminler için *sahaya özel zemin davranış analizleri 16.5*'e göre yapılacaktır.

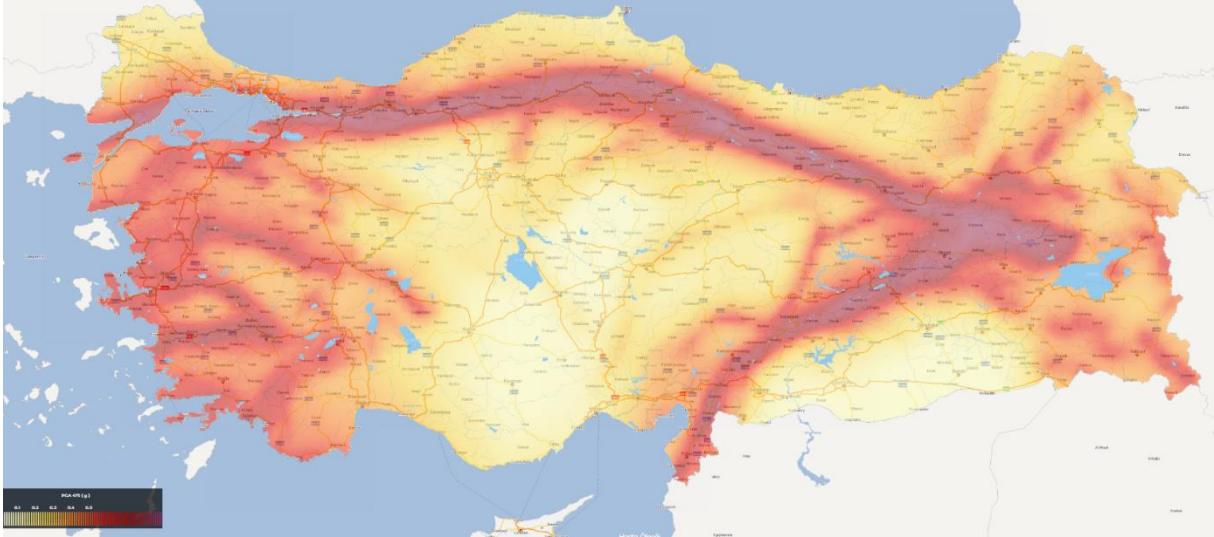
2.3.4. Yatay Elastik Tasarım Spektrumu

2.3.4.1 – Gözönüne alınan herhangi bir deprem yer hareketi düzeyi için *yatay elastik tasarım ivme spektrumu*'nun ordinatları olan *yatay elastik tasarım spektral ivmeleri* $S_{ae}(T)$, doğal titreşim periyoduna bağlı olarak yerçekimi ivmesi $[g]$ cinsinden **Denk.(2.2)**'de tanımlanmıştır (**Şekil 2.1**):

$$\begin{aligned} S_{ae}(T) &= \left(0.4 + 0.6 \frac{T}{T_A} \right) S_{DS} & (0 \leq T \leq T_A) \\ S_{ae}(T) &= S_{DS} & (T_A \leq T \leq T_B) \\ S_{ae}(T) &= \frac{S_{D1}}{T} & (T_B \leq T \leq T_L) \\ S_{ae}(T) &= \frac{S_{D1} T_L}{T^2} & (T_L \leq T) \end{aligned} \quad (2.2)$$

Burada S_{DS} ve S_{D1} 2.3.2.2'de tanımlanan *tasarım spektral ivme katsayıları*'nı, T ise doğal titreşim periyodunu göstermektedir. Yatay tasarım spektrumu *köşe periyotları* T_A ve T_B **Denk.(2.3)** ile S_{DS} ve S_{D1} 'e bağlı olarak tanımlanır:

$$T_A = 0.2 \frac{S_{D1}}{S_{DS}} \quad ; \quad T_B = \frac{S_{D1}}{S_{DS}} \quad (2.3)$$



Türkiye Deprem Haritası

AFAD



Türkiye Deprem Tehlike Haritaları İnteraktif Web Uygulaması

Kullanıcı Girdileri

[Detaylı Raporu Göster](#) [Yazdır](#)

Rapor Başlığı:	Yaşar Bastlı	
Deprem Yer Hareketi Düzeyi:	DD-2	50 yılda aşılma olasılığı %10 (tekrarlanma periyodu 475 yılı) olan deprem yer hareketi düzeyi
Yerel Zemin Sınıfı:	ZD	Orta sıkı - sıkı kum, çakıl veya çok katı kil tabakalan
Enlem:	41.357633°	
Boylam:	32.078048°	



Çıktılar

$S_s = 0.499$

$S_1 = 0.165$

$S_{DS} = 0.699$

$S_{D1} = 0.375$

$PGA = 0.213$

$PGV = 13.912$

S_s : Kısa periyot harita spektral ivme katsayısı [boyutsuz]

S_1 : 1.0 saniye periyot için harita spektral ivme katsayısı [boyutsuz]

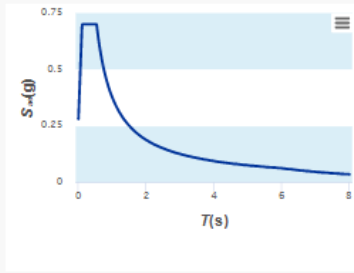
S_{DS} : Kısa periyot tasarım spektral ivme katsayısı [boyutsuz]

S_{D1} : 1.0 saniye periyot için tasarım spektral ivme katsayısı [boyutsuz]

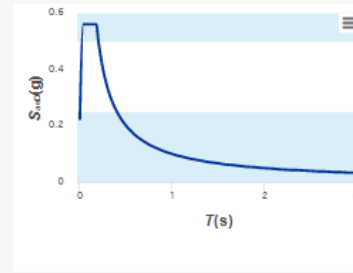
PGA : En büyük yer ivmesi [g]

PGV : En büyük yer hızı [cm/sn]

Yatay Elastik Tasarım Spektrumu



Düsey Elastik Tasarım Spektrumu



X yönü için :

TSC-2018 Seismic Load Pattern

×

Load Direction and Diaphragm Eccentricity

Global X Direction
 Global Y Direction

Ecc. Ratio (All Diaph.)

Override Diaph. Eccen.

Time Period

Approx. Period Ct (m), x =

Program Calc Ct (m), x =

User Defined T =

Lateral Load Elevation Range

Program Calculated
 User Specified

Max Z

Min Z

Seismic Coefficients

0.2 Sec Spectral Accel, Ss

1 Sec Spectral Accel, S1

Long-Period Transition Period

Site Class

Site Coefficient, Fs

Site Coefficient, F1

Calculated Coefficients

SDS = Fs * Ss

SDS = F1 * S1

Factors

Response Modification, R

System Overstrength, D

Occupancy Importance, I

Y yönü için :

TSC-2018 Seismic Load Pattern

×

Load Direction and Diaphragm Eccentricity	Seismic Coefficients
<input type="radio"/> Global X Direction	0.2 Sec Spectral Accel, Ss <input type="text" value="0,499"/>
<input checked="" type="radio"/> Global Y Direction	1 Sec Spectral Accel, S1 <input type="text" value="0,165"/>
Ecc. Ratio (All Diaph.) <input type="text" value="0,05"/>	Long-Period Transition Period <input type="text" value="6,"/>
Override Diaph. Eccen. <input type="button" value="Override..."/>	Site Class <input type="text" value="ZD"/>
Time Period	Site Coefficient, Fs <input type="text" value="1,4008"/>
<input type="radio"/> Approx. Period Ct (m), x = <input type="text"/>	Site Coefficient, F1 <input type="text" value="2,27"/>
<input checked="" type="radio"/> Program Calc Ct (m), x = <input type="text" value="0.10; 0.75"/>	Calculated Coefficients
<input type="radio"/> User Defined T = <input type="text"/>	SDS = Fs * Ss <input type="text" value="0,699"/>
Lateral Load Elevation Range	SDS = F1 * S1 <input type="text" value="0,3746"/>
<input checked="" type="radio"/> Program Calculated <input type="button" value="Reset Defaults"/>	Factors
<input type="radio"/> User Specified	Response Modification, R <input type="text" value="3,"/>
Max Z <input type="text"/>	System Overstrength, D <input type="text" value="2,"/>
Min Z <input type="text"/>	Occupancy Importance, I <input type="text" value="1,"/>
<input type="button" value="OK"/> <input type="button" value="Cancel"/>	

STATİK RİSKİ

7. DİZAYN SONUÇLARI :

Dizayn Sonuçları :

TABLE: Cold Formed Design 1 - Summary Data - AISI-ASD96						
Frame	DesignSect	DesignType	Ratio	RatioType	Combo	Location
Text	Text	Text	Unitless	Text	Text	m
1	CC140-47-12-1,50mm	Beam	0,676007	PMM	DCLD62	11,19
3	CC80-47-10-1,50mm	Beam	0,489165	PMM	DCLD44	0
9	CC80-47-10-1,50mm	Beam	0,51768	PMM	DCLD43	0
11	CC140-47-12-1,50mm	Column	0,874176	PMM	DCLD64	0
13	CC140-47-12-1,50mm	Column	0,902847	PMM	DCLD61	2,5
14	CC140-47-12-1,50mm	Beam	0,115002	PMM	DCLD66	0
15	CC140-47-12-1,50mm	Brace	0,690545	PMM	DCLD62	0
16	CC140-47-12-1,50mm	Brace	0,590861	PMM	DCLD31	1,4567
17	CC140-47-12-1,50mm	Column	0,659625	PMM	DCLD61	2,5
18	CC140-47-12-1,50mm	Column	0,628991	PMM	DCLD27	2,5
19	CC140-47-12-1,50mm	Column	0,77721	PMM	DCLD61	2,25
20	CC140-47-12-1,50mm	Column	0,555834	PMM	DCLD61	2,5
21	CC140-47-12-1,50mm	Column	0,794778	PMM	DCLD62	2,25
26	CC140-47-12-1,50mm	Beam	0,179705	PMM	DCLD32	0
38	CC140-47-12-1,50mm	Brace	0,224712	PMM	DCLD64	0
39	CC140-47-12-1,50mm	Brace	0,131565	PMM	DCLD43	0
40	CC140-47-12-1,50mm	Brace	0,134691	PMM	DCLD64	0
41	CC140-47-12-1,50mm	Brace	0,16485	PMM	DCLD44	0
42	CC140-47-12-1,50mm	Brace	0,091306	PMM	DCLD63	0
43	CC140-47-12-1,50mm	Brace	0,203856	PMM	DCLD44	0,55902
44	CC140-47-12-1,50mm	Column	0,622284	PMM	DCLD62	1,25
45	CC140-47-12-1,50mm	Column	0,409701	PMM	DCLD61	2,5
46	CC140-47-12-1,50mm	Column	0,607061	PMM	DCLD61	2,5
47	CC140-47-12-1,50mm	Column	0,60646	PMM	DCLD61	2,5
54	CC140-47-12-1,50mm	Beam	0,65126	PMM	DCLD31	1,5
60	CC140-47-12-1,50mm	Column	0,400124	PMM	DCLD61	0,9
61	CC140-47-12-1,50mm	Column	0,426199	PMM	DCLD62	0
62	CC140-47-12-1,50mm	Column	0,324802	PMM	DCLD62	0
64	CC140-47-12-1,50mm	Beam	0,630003	PMM	DCLD62	0,601
65	CC140-47-12-1,50mm	Beam	0,275685	PMM	DCLD62	0
66	CC140-47-12-1,50mm	Beam	0,163336	PMM	DCLD31	0,481
67	CC140-47-12-1,50mm	Beam	0,19232	PMM	DCLD62	0
68	CC140-47-12-1,50mm	Beam	0,145363	PMM	DCLD62	0
69	CC140-47-12-1,50mm	Beam	0,130489	PMM	DCLD62	0
70	CC140-47-12-1,50mm	Beam	0,146426	PMM	DCLD62	0
71	CC140-47-12-1,50mm	Beam	0,196859	PMM	DCLD27	0,25
72	CC140-47-12-1,50mm	Beam	0,156802	PMM	DCLD31	0,5
73	CC140-47-12-1,50mm	Beam	0,167006	PMM	DCLD62	0
74	CC140-47-12-1,50mm	Beam	0,219662	PMM	DCLD62	0
75	CC140-47-12-1,50mm	Beam	0,151956	PMM	DCLD62	0

76	CC140-47-12-1,50mm	Beam	0,116385	PMM	DCLD27	0,342
77	CC140-47-12-1,50mm	Beam	0,133457	PMM	DCLD66	0
78	CC140-47-12-1,50mm	Beam	0,194322	PMM	DCLD27	0,094
80	CC140-47-12-1,50mm	Beam	0,489334	PMM	DCLD62	0
81	CC140-47-12-1,50mm	Beam	0,345819	PMM	DCLD62	0
82	CC140-47-12-1,50mm	Beam	0,413904	PMM	DCLD27	0,325
83	CC140-47-12-1,50mm	Beam	0,910618	PMM	DCLD31	0,152
85	CC140-47-12-1,50mm	Beam	0,311792	PMM	DCLD62	0
86	CC140-47-12-1,50mm	Beam	0,339566	PMM	DCLD27	0,26
87	CC140-47-12-1,50mm	Beam	0,377078	PMM	DCLD27	0,094
88	CC140-47-12-1,50mm	Beam	0,442962	PMM	DCLD68	0
89	CC140-47-12-1,50mm	Beam	0,435292	PMM	DCLD32	0
90	CC140-47-12-1,50mm	Beam	0,264047	PMM	DCLD62	0,208
91	CC140-47-12-1,50mm	Beam	0,283678	PMM	DCLD61	0,325
92	CC140-47-12-1,50mm	Beam	0,193547	PMM	DCLD61	0,152
93	CC140-47-12-1,50mm	Beam	0,431111	PMM	DCLD61	0,131
94	CC140-47-12-1,50mm	Beam	0,196565	PMM	DCLD61	0,342
95	CC140-47-12-1,50mm	Beam	0,082216	PMM	DCLD61	0
96	CC140-47-12-1,50mm	Beam	0,095782	PMM	DCLD61	0
97	CC140-47-12-1,50mm	Column	0,711647	PMM	DCLD30	0
98	CC140-47-12-1,50mm	Column	0,365739	PMM	DCLD62	1,25
99	CC140-47-12-1,50mm	Column	0,461675	PMM	DCLD27	2,5
100	CC140-47-12-1,50mm	Beam	0,05456	PMM	DCLD42	0
101	CC140-47-12-1,50mm	Brace	0,294248	PMM	DCLD62	0
102	CC140-47-12-1,50mm	Brace	0,193636	PMM	DCLD31	1,4567
103	CC140-47-12-1,50mm	Column	0,555435	PMM	DCLD61	2,5
104	CC140-47-12-1,50mm	Column	0,526205	PMM	DCLD61	2,5
105	CC140-47-12-1,50mm	Column	0,609995	PMM	DCLD61	2,25
106	CC140-47-12-1,50mm	Column	0,482725	PMM	DCLD27	2,5
107	CC140-47-12-1,50mm	Column	0,630743	PMM	DCLD62	2,25
108	CC140-47-12-1,50mm	Beam	0,165132	PMM	DCLD31	1,5
109	CC140-47-12-1,50mm	Brace	0,203962	PMM	DCLD62	0
110	CC140-47-12-1,50mm	Brace	0,161952	PMM	DCLD64	0
111	CC140-47-12-1,50mm	Brace	0,135085	PMM	DCLD64	0
112	CC140-47-12-1,50mm	Brace	0,192591	PMM	DCLD63	0
113	CC140-47-12-1,50mm	Brace	0,109075	PMM	DCLD63	0
114	CC140-47-12-1,50mm	Brace	0,189816	PMM	DCLD63	0,55902
115	CC140-47-12-1,50mm	Column	0,508029	PMM	DCLD62	2,5
117	CC140-47-12-1,50mm	Column	0,68811	PMM	DCLD61	1,25
118	CC140-47-12-1,50mm	Column	0,455745	PMM	DCLD61	1,25
119	CC140-47-12-1,50mm	Beam	0,745752	PMM	DCLD62	0
120	CC140-47-12-1,50mm	Column	0,488659	PMM	DCLD31	0,9
121	CC140-47-12-1,50mm	Column	0,516076	PMM	DCLD66	0
122	CC140-47-12-1,50mm	Column	0,453017	PMM	DCLD62	0
123	CC140-47-12-1,50mm	Beam	0,561872	PMM	DCLD62	0,601
124	CC140-47-12-1,50mm	Beam	0,311136	PMM	DCLD31	0,12

125	CC140-47-12-1,50mm	Beam	0,39385	PMM	DCLD62	0,481
126	CC140-47-12-1,50mm	Beam	0,629617	PMM	DCLD62	0
127	CC140-47-12-1,50mm	Beam	0,227845	PMM	DCLD43	0,208
128	CC140-47-12-1,50mm	Beam	0,244842	PMM	DCLD44	0,024
129	CC140-47-12-1,50mm	Beam	0,211827	PMM	DCLD42	0,152
130	CC140-47-12-1,50mm	Beam	0,288706	PMM	DCLD43	0,172
131	CC140-47-12-1,50mm	Beam	0,181296	PMM	DCLD64	0,5
132	CC140-47-12-1,50mm	Beam	0,21409	PMM	DCLD64	0
133	CC140-47-12-1,50mm	Beam	0,307811	PMM	DCLD43	0,172
134	CC140-47-12-1,50mm	Beam	0,26421	PMM	DCLD32	0,131
135	CC140-47-12-1,50mm	Beam	0,113876	PMM	DCLD34	0
136	CC140-47-12-1,50mm	Beam	0,202888	PMM	DCLD61	0
137	CC140-47-12-1,50mm	Beam	0,077951	PMM	DCLD32	0
138	CC140-47-12-1,50mm	Beam	0,269491	PMM	DCLD31	0,12
139	CC140-47-12-1,50mm	Beam	0,689413	PMM	DCLD62	0
140	CC140-47-12-1,50mm	Beam	0,379197	PMM	DCLD31	0,208
141	CC140-47-12-1,50mm	Beam	0,461289	PMM	DCLD27	0,325
143	CC140-47-12-1,50mm	Beam	0,810001	PMM	DCLD32	0
146	CC140-47-12-1,50mm	Beam	0,364251	PMM	DCLD61	0,094
147	CC140-47-12-1,50mm	Beam	0,197309	PMM	DCLD64	0
148	CC140-47-12-1,50mm	Beam	0,385028	PMM	DCLD66	0
149	CC140-47-12-1,50mm	Beam	0,287805	PMM	DCLD62	0
150	CC140-47-12-1,50mm	Beam	0,258363	PMM	DCLD61	0,325
151	CC140-47-12-1,50mm	Beam	0,204659	PMM	DCLD61	0,152
152	CC140-47-12-1,50mm	Beam	0,235393	PMM	DCLD62	0
155	CC140-47-12-1,50mm	Beam	0,182324	PMM	DCLD61	0,094
156	CC140-47-12-1,20mm	Column	0,573985	PMM	DCLD30	0
157	CC140-47-12-1,20mm	Column	0,367259	PMM	DCLD62	1,375
158	CC140-47-12-1,20mm	Column	0,541654	PMM	DCLD32	1,25
159	CC140-47-12-1,20mm	Beam	0,077735	PMM	DCLD62	0
160	CC140-47-12-1,20mm	Brace	0,341924	PMM	DCLD62	0
161	CC140-47-12-1,20mm	Brace	0,228572	PMM	DCLD31	1,4567
162	CC140-47-12-1,20mm	Column	0,641207	PMM	DCLD62	1,25
163	CC140-47-12-1,20mm	Column	0,6037	PMM	DCLD65	2,5
164	CC140-47-12-1,20mm	Column	0,687606	PMM	DCLD65	2,25
165	CC140-47-12-1,20mm	Column	0,604878	PMM	DCLD65	2,5
166	CC140-47-12-1,20mm	Column	0,72421	PMM	DCLD31	2,25
167	CC140-47-12-1,20mm	Beam	0,22542	PMM	DCLD62	0
168	CC140-47-12-1,20mm	Brace	0,202482	PMM	DCLD62	0
169	CC140-47-12-1,20mm	Brace	0,134858	PMM	DCLD33	0,55902
170	CC140-47-12-1,20mm	Brace	0,173455	PMM	DCLD64	0,55902
171	CC140-47-12-1,20mm	Brace	0,134023	PMM	DCLD64	0
172	CC140-47-12-1,20mm	Brace	0,165863	PMM	DCLD41	0,55902
173	CC140-47-12-1,20mm	Brace	0,201412	PMM	DCLD41	0,55902
174	CC140-47-12-1,20mm	Column	0,483697	PMM	DCLD32	1,25
176	CC140-47-12-1,20mm	Column	0,342835	PMM	DCLD61	1,25

177	CC140-47-12-1,20mm	Column	0,25871	PMM	DCLD61	1,25
179	CC140-47-12-1,20mm	Column	0,626344	PMM	DCLD31	0,9
180	CC140-47-12-1,20mm	Column	0,673427	PMM	DCLD66	0
181	CC140-47-12-1,20mm	Column	0,610857	PMM	DCLD62	0
183	CC140-47-12-1,50mm	Beam	0,256271	PMM	DCLD33	0
184	CC140-47-12-1,50mm	Beam	0,412961	PMM	DCLD62	0,481
185	CC140-47-12-1,50mm	Beam	0,561872	PMM	DCLD62	0
186	CC140-47-12-1,50mm	Beam	0,17914	PMM	DCLD42	0,208
187	CC140-47-12-1,50mm	Beam	0,203625	PMM	DCLD41	0,024
188	CC140-47-12-1,50mm	Beam	0,182634	PMM	DCLD41	0
189	CC140-47-12-1,50mm	Beam	0,262544	PMM	DCLD41	0,172
190	CC140-47-12-1,50mm	Beam	0,216743	PMM	DCLD63	0,5
191	CC140-47-12-1,50mm	Beam	0,242334	PMM	DCLD63	0,5
192	CC140-47-12-1,50mm	Beam	0,295696	PMM	DCLD64	0,172
193	CC140-47-12-1,50mm	Beam	0,513562	PMM	DCLD61	0,131
194	CC140-47-12-1,50mm	Beam	0,445014	PMM	DCLD61	0
195	CC140-47-12-1,50mm	Beam	0,279756	PMM	DCLD64	0,074
196	CC140-47-12-1,50mm	Beam	0,207075	PMM	DCLD62	0
197	CC140-47-12-1,20mm	Beam	0,236311	PMM	DCLD62	0
198	CC140-47-12-1,20mm	Beam	0,949143	PMM	DCLD62	0
199	CC140-47-12-1,20mm	Beam	0,457936	PMM	DCLD31	0,208
200	CC140-47-12-1,20mm	Beam	0,555889	PMM	DCLD31	0,325
205	CC140-47-12-1,20mm	Beam	0,247727	PMM	DCLD61	0,094
206	CC140-47-12-1,20mm	Beam	0,239115	Major Shear	DCLD67	0
207	CC140-47-12-1,20mm	Beam	0,484889	PMM	DCLD62	0
208	CC140-47-12-1,20mm	Beam	0,380631	PMM	DCLD64	0
209	CC140-47-12-1,20mm	Beam	0,360379	PMM	DCLD30	0
210	CC140-47-12-1,20mm	Beam	0,165564	PMM	DCLD30	0
211	CC140-47-12-1,20mm	Beam	0,209622	PMM	DCLD61	0,131
214	CC140-47-12-1,20mm	Beam	0,117023	PMM	DCLD61	0,094
219	CC140-47-12-1,20mm	Brace	0,252378	PMM	DCLD32	0
220	CC140-47-12-1,20mm	Brace	0,379682	PMM	DCLD61	1,50101
221	CC140-47-12-1,20mm	Beam	0,108349	PMM	DCLD62	0,602
222	CC140-47-12-1,50mm	Brace	0,334185	PMM	DCLD32	0
223	CC140-47-12-1,50mm	Brace	0,444583	PMM	DCLD61	1,50101
224	CC140-47-12-1,50mm	Beam	0,108699	PMM	DCLD32	0,602
233	CC140-47-12-1,50mm	Beam	0,593137	PMM	DCLD31	3,11
237	CC140-47-12-1,50mm	Column	0,911367	PMM	DCLD41	2,18
239	CC140-47-12-1,50mm	Column	0,429359	PMM	DCLD65	2,18
241	CC140-47-12-1,50mm	Column	0,440435	PMM	DCLD62	0
243	CC140-47-12-1,50mm	Column	0,438809	PMM	DCLD27	2,18
245	CC140-47-12-1,50mm	Column	0,507221	PMM	DCLD62	0
247	CC140-47-12-1,50mm	Column	0,455975	PMM	DCLD66	0
263	CC140-47-12-1,50mm	Column	0,937605	PMM	DCLD49	0
265	CC140-47-12-1,50mm	Column	0,827583	PMM	DCLD41	1,5
269	CC140-47-12-1,50mm	Beam	0,472407	PMM	DCLD61	0

275	CC140-47-12-1,50mm	Column	0,230488	PMM	DCLD61	0
276	CC140-47-12-1,50mm	Column	0,160105	PMM	DCLD61	0
277	CC140-47-12-1,50mm	Column	0,190234	PMM	DCLD28	0,25
278	CC140-47-12-1,50mm	Column	0,152593	PMM	DCLD62	0
279	CC140-47-12-1,50mm	Column	0,251498	PMM	DCLD62	0,25
283	CC140-47-12-1,50mm	Beam	0,32815	PMM	DCLD32	0
293	CC140-47-12-1,50mm	Brace	0,30494	PMM	DCLD62	0
294	CC140-47-12-1,50mm	Brace	0,116449	PMM	DCLD16	0,29155
295	CC140-47-12-1,50mm	Brace	0,149919	PMM	DCLD41	0,29155
296	CC140-47-12-1,50mm	Brace	0,13868	PMM	DCLD42	0
297	CC140-47-12-1,50mm	Brace	0,133393	PMM	DCLD15	0,29155
298	CC140-47-12-1,50mm	Brace	0,132485	PMM	DCLD8	0
299	CC140-47-12-1,50mm	Brace	0,153656	PMM	DCLD41	0,29155
300	CC140-47-12-1,50mm	Brace	0,152918	PMM	DCLD42	0
301	CC140-47-12-1,50mm	Brace	0,174484	PMM	DCLD42	0,29155
302	CC140-47-12-1,50mm	Brace	0,294102	PMM	DCLD61	0,29155
303	CC140-47-12-1,50mm	Column	0,375665	PMM	DCLD61	1,5
305	CC140-47-12-1,20mm	Column	0,646122	PMM	DCLD62	0,25
310	CC140-47-12-1,20mm	Column	0,63158	PMM	DCLD62	0,25
311	CC140-47-12-1,50mm	Beam	0,30288	PMM	DCLD28	0
312	CC140-47-12-1,50mm	Column	0,145638	PMM	DCLD61	0
313	CC140-47-12-1,50mm	Column	0,088227	PMM	DCLD61	0
314	CC140-47-12-1,50mm	Column	0,147561	PMM	DCLD28	0,25
315	CC140-47-12-1,50mm	Column	0,06562	PMM	DCLD62	0
316	CC140-47-12-1,50mm	Column	0,124274	PMM	DCLD62	0,25
318	CC140-47-12-1,20mm	Beam	0,243382	PMM	DCLD62	0
320	CC140-47-12-1,20mm	Brace	0,239657	PMM	DCLD62	0
321	CC140-47-12-1,20mm	Brace	0,163914	PMM	DCLD41	0
322	CC140-47-12-1,20mm	Brace	0,196385	PMM	DCLD41	0,29155
323	CC140-47-12-1,20mm	Brace	0,167864	PMM	DCLD41	0
324	CC140-47-12-1,20mm	Brace	0,146353	PMM	DCLD16	0
325	CC140-47-12-1,20mm	Brace	0,161509	PMM	DCLD41	0,29155
326	CC140-47-12-1,20mm	Brace	0,151752	PMM	DCLD16	0,29155
327	CC140-47-12-1,20mm	Brace	0,159931	PMM	DCLD41	0
328	CC140-47-12-1,20mm	Brace	0,144129	PMM	DCLD16	0
329	CC140-47-12-1,20mm	Brace	0,212267	PMM	DCLD41	0,29155
330	CC140-47-12-1,20mm	Column	0,259406	PMM	DCLD65	1,5
334	CC140-47-12-1,50mm	Column	0,811344	PMM	DCLD41	0
335	CC140-47-12-1,50mm	Column	0,801842	PMM	DCLD41	1,52
341	CC140-47-12-1,20mm	Column	0,639833	PMM	DCLD62	0
343	CC140-47-12-1,50mm	Column	0,771038	PMM	DCLD42	1,52
344	CC140-47-12-1,50mm	Column	0,936605	PMM	DCLD15	1,52
346	CC140-47-12-1,50mm	Column	0,467138	PMM	DCLD62	0
347	CC140-47-12-1,50mm	Column	0,456106	PMM	DCLD62	0
348	CC140-47-12-1,50mm	Beam	0,385226	PMM	DCLD32	0,165
349	CC140-47-12-1,50mm	Beam	0,632743	PMM	DCLD62	0,46

350	CC140-47-12-1,50mm	Beam	0,409128	PMM	DCLD32	0,11
351	CC140-47-12-1,50mm	Beam	0,442992	PMM	DCLD61	0,111
352	CC140-47-12-1,50mm	Beam	0,202044	PMM	DCLD49	0,024
353	CC140-47-12-1,50mm	Beam	0,60476	PMM	DCLD61	0,6
355	CC140-47-12-1,50mm	Beam	0,087455	PMM	DCLD42	0
356	CC140-47-12-1,50mm	Beam	0,179417	PMM	DCLD27	0,285
357	CC140-47-12-1,50mm	Beam	0,328133	PMM	DCLD32	0
358	CC140-47-12-1,50mm	Beam	0,166068	PMM	DCLD41	0
359	CC140-47-12-1,50mm	Beam	0,188336	PMM	DCLD62	0,285
360	CC140-47-12-1,50mm	Beam	0,338723	PMM	DCLD32	0
361	CC140-47-12-1,50mm	Beam	0,192509	PMM	DCLD49	0
362	CC140-47-12-1,50mm	Beam	0,23267	PMM	DCLD41	0
363	CC140-47-12-1,50mm	Beam	0,472153	PMM	DCLD62	0
364	CC140-47-12-1,50mm	Beam	0,450964	PMM	DCLD28	0
365	CC140-47-12-1,50mm	Beam	0,393572	PMM	DCLD62	0
366	CC140-47-12-1,50mm	Beam	0,072294	PMM	DCLD41	0
367	CC140-47-12-1,50mm	Beam	0,293945	PMM	DCLD61	0,185
368	CC140-47-12-1,50mm	Beam	0,179783	PMM	DCLD62	0
369	CC140-47-12-1,50mm	Beam	0,152996	PMM	DCLD62	0
370	CC140-47-12-1,50mm	Beam	0,216408	PMM	DCLD61	0,25
371	CC140-47-12-1,50mm	Beam	0,196826	PMM	DCLD61	0,035
372	CC140-47-12-1,50mm	Beam	0,300303	PMM	DCLD62	0
373	CC140-47-12-1,50mm	Beam	0,172367	PMM	DCLD41	0,25
374	CC140-47-12-1,50mm	Beam	0,488205	PMM	DCLD31	0,111
375	CC140-47-12-1,50mm	Beam	0,246573	PMM	DCLD65	0,024
376	CC140-47-12-1,50mm	Beam	0,566879	PMM	DCLD61	0,6
377	CC140-47-12-1,50mm	Beam	0,300353	PMM	DCLD41	0
378	CC140-47-12-1,20mm	Beam	0,318178	PMM	DCLD62	0,165
379	CC140-47-12-1,20mm	Beam	0,431432	PMM	DCLD62	0,46
380	CC140-47-12-1,20mm	Beam	0,268008	PMM	DCLD62	0
381	CC140-47-12-1,20mm	Beam	0,354003	PMM	DCLD27	0,111
382	CC140-47-12-1,20mm	Beam	0,152891	PMM	DCLD27	0,024
383	CC140-47-12-1,20mm	Beam	0,390974	PMM	DCLD28	0
384	CC140-47-12-1,20mm	Beam	0,089775	Major Shear	DCLD41	0
385	CC140-47-12-1,20mm	Beam	0,151809	PMM	DCLD41	0,285
386	CC140-47-12-1,20mm	Beam	0,230311	PMM	DCLD62	0,015
387	CC140-47-12-1,20mm	Beam	0,129669	PMM	DCLD41	0
388	CC140-47-12-1,20mm	Beam	0,131402	PMM	DCLD61	0,285
389	CC140-47-12-1,20mm	Beam	0,229215	PMM	DCLD66	0
390	CC140-47-12-1,20mm	Beam	0,109013	Major Shear	DCLD41	0
391	CC140-47-12-1,20mm	Beam	0,080507	Major Shear	DCLD41	0
395	CC140-47-12-1,20mm	Column	0,367067	PMM	DCLD62	0
399	CC140-47-12-1,20mm	Column	0,34592	PMM	DCLD61	1,55
401	CC140-47-12-1,50mm	Column	0,378051	PMM	DCLD61	1,5
402	CC140-47-12-1,20mm	Column	0,585158	PMM	DCLD61	1,52
403	CC140-47-12-1,20mm	Column	0,384127	PMM	DCLD41	0

404	CC140-47-12-1,50mm	Beam	0,281375	PMM	DCLD62	0
405	CC140-47-12-1,50mm	Beam	0,543213	PMM	DCLD62	0
406	CC140-47-12-1,50mm	Beam	0,342535	PMM	DCLD62	0
407	CC140-47-12-1,50mm	Beam	0,184296	PMM	DCLD41	0
408	CC140-47-12-1,50mm	Beam	0,296184	PMM	DCLD61	0,185
409	CC140-47-12-1,50mm	Beam	0,263284	PMM	DCLD41	0
410	CC140-47-12-1,50mm	Beam	0,222099	PMM	DCLD42	0,25
411	CC140-47-12-1,50mm	Beam	0,27237	PMM	DCLD42	0,25
412	CC140-47-12-1,50mm	Beam	0,315013	PMM	DCLD42	0,035
413	CC140-47-12-1,50mm	Beam	0,309337	PMM	DCLD41	0
414	CC140-47-12-1,50mm	Beam	0,299634	PMM	DCLD41	0,25
415	CC140-47-12-1,50mm	Beam	0,318635	PMM	DCLD41	0
416	CC140-47-12-1,50mm	Beam	0,259843	PMM	DCLD49	0
417	CC140-47-12-1,50mm	Beam	0,474166	PMM	DCLD61	0,6
418	CC140-47-12-1,50mm	Beam	0,216858	PMM	DCLD62	0,14
419	CC140-47-12-1,50mm	Column	0,515155	PMM	DCLD61	1,52
421	CC140-47-12-1,50mm	Column	0,505633	PMM	DCLD66	0
424	CC140-47-12-1,50mm	Column	0,648498	PMM	DCLD41	2,18
432	CC140-47-12-1,50mm	Beam	0,14318	PMM	DCLD62	0
442	CC140-47-12-1,50mm	Beam	0,923664	PMM	DCLD44	1,65
449	CC140-47-12-1,50mm	Brace	0,917836	PMM	DCLD42	0
450	CC140-47-12-1,50mm	Brace	0,387872	PMM	DCLD42	0
451	CC140-47-12-1,50mm	Brace	0,24463	PMM	DCLD61	0,5726
452	CC140-47-12-1,50mm	Brace	0,162213	PMM	DCLD62	0
453	CC140-47-12-1,50mm	Brace	0,19408	PMM	DCLD64	0,5726
454	CC140-47-12-1,50mm	Brace	0,138783	PMM	DCLD61	0
455	CC140-47-12-1,50mm	Brace	0,176602	PMM	DCLD61	0,5726
456	CC140-47-12-1,50mm	Brace	0,358165	PMM	DCLD61	0
457	CC140-47-12-1,50mm	Brace	0,194952	PMM	DCLD61	0,5726
458	CC140-47-12-1,50mm	Brace	0,238445	PMM	DCLD61	0
459	CC140-47-12-1,50mm	Brace	0,167837	PMM	DCLD63	0
460	CC140-47-12-1,50mm	Brace	0,161282	PMM	DCLD34	0,5726
461	CC140-47-12-1,50mm	Brace	0,180241	PMM	DCLD63	0
462	CC140-47-12-1,50mm	Brace	0,25871	PMM	DCLD62	0,5726
464	CC140-47-12-1,50mm	Column	0,787911	PMM	DCLD61	2,5
465	CC140-47-12-1,50mm	Column	0,840317	PMM	DCLD61	2,5
467	CC140-47-12-1,50mm	Column	0,77398	PMM	DCLD62	1,25
468	CC140-47-12-1,50mm	Column	0,790563	PMM	DCLD62	1,25
474	CC140-47-12-1,50mm	Beam	0,183874	PMM	DCLD65	0
477	CC140-47-12-1,50mm	Beam	0,236541	PMM	DCLD32	0
478	CC140-47-12-1,50mm	Beam	0,205801	PMM	DCLD61	0,6
479	CC140-47-12-1,50mm	Beam	0,206088	PMM	DCLD32	0
480	CC140-47-12-1,50mm	Beam	0,281106	PMM	DCLD61	0,22
481	CC140-47-12-1,50mm	Beam	0,201555	PMM	DCLD61	0,6
482	CC140-47-12-1,50mm	Beam	0,198132	PMM	DCLD61	0,6
483	CC140-47-12-1,50mm	Beam	0,296309	PMM	DCLD61	0,6

484	CC140-47-12-1,50mm	Beam	0,256275	PMM	DCLD32	0
485	CC140-47-12-1,50mm	Beam	0,386864	PMM	DCLD61	0,41
487	CC140-47-12-1,50mm	Beam	0,397305	PMM	DCLD27	0,6
488	CC140-47-12-1,50mm	Beam	0,653409	PMM	DCLD61	0,22
489	CC140-47-12-1,50mm	Beam	0,495551	PMM	DCLD31	0,6
490	CC140-47-12-1,50mm	Beam	0,448914	PMM	DCLD31	0,6
491	CC140-47-12-1,50mm	Beam	0,582636	PMM	DCLD61	0,6
493	CC140-47-12-1,50mm	Beam	0,190915	PMM	DCLD31	0,6
494	CC140-47-12-1,50mm	Beam	0,35113	PMM	DCLD27	0,6
495	CC140-47-12-1,50mm	Beam	0,760338	PMM	DCLD61	0,22
496	CC140-47-12-1,50mm	Beam	0,595617	PMM	DCLD63	0
497	CC140-47-12-1,50mm	Beam	0,25156	PMM	DCLD62	0
498	CC140-47-12-1,50mm	Beam	0,577057	PMM	DCLD31	0,6
499	CC140-47-12-1,50mm	Beam	0,888905	PMM	DCLD62	0
505	CC140-47-12-1,50mm	Column	0,557747	PMM	DCLD41	0
513	CC140-47-12-1,50mm	Beam	0,530993	PMM	DCLD31	0,6
515	CC140-47-12-1,50mm	Brace	0,342196	PMM	DCLD62	0
516	CC140-47-12-1,50mm	Brace	0,14201	PMM	DCLD61	0,57009
517	CC140-47-12-1,50mm	Brace	0,142161	PMM	DCLD62	0
518	CC140-47-12-1,50mm	Brace	0,361309	PMM	DCLD65	0,57009
524	CC140-47-12-1,50mm	Column	0,600817	PMM	DCLD65	0
525	CC140-47-12-1,50mm	Column	0,646609	PMM	DCLD62	1,6
529	CC140-47-12-1,50mm	Beam	0,498914	PMM	DCLD31	0,6
530	CC140-47-12-1,50mm	Brace	0,29677	PMM	DCLD62	0
531	CC140-47-12-1,50mm	Brace	0,200684	PMM	DCLD61	0
532	CC140-47-12-1,50mm	Brace	0,24134	PMM	DCLD66	0,57009
533	CC140-47-12-1,50mm	Brace	0,270548	PMM	DCLD61	0,57009
535	CC140-47-12-1,50mm	Column	0,727839	PMM	DCLD61	0
536	CC140-47-12-1,50mm	Column	0,811789	PMM	DCLD28	1,6
540	CC140-47-12-1,50mm	Beam	0,524726	PMM	DCLD61	0,6
541	CC140-47-12-1,50mm	Brace	0,468147	PMM	DCLD61	0
542	CC140-47-12-1,50mm	Brace	0,254962	PMM	DCLD61	0
543	CC140-47-12-1,50mm	Brace	0,274767	PMM	DCLD32	0,57009
544	CC140-47-12-1,50mm	Brace	0,32674	PMM	DCLD61	0,57009
546	CC140-47-12-1,50mm	Column	0,697033	PMM	DCLD65	0
547	CC140-47-12-1,50mm	Column	0,664847	PMM	DCLD32	1,6
551	CC140-47-12-1,50mm	Beam	0,522286	PMM	DCLD28	0
552	CC140-47-12-1,50mm	Brace	0,351731	PMM	DCLD62	0
553	CC140-47-12-1,50mm	Brace	0,171243	PMM	DCLD63	0
554	CC140-47-12-1,50mm	Brace	0,134885	PMM	DCLD32	0
555	CC140-47-12-1,50mm	Brace	0,32091	PMM	DCLD61	0,57009
557	CC140-47-12-1,50mm	Column	0,611534	PMM	DCLD61	0
558	CC140-47-12-1,50mm	Column	0,703531	PMM	DCLD62	1,6
560	CC140-47-12-1,50mm	Column	0,864878	PMM	DCLD61	1,25
561	CC140-47-12-1,50mm	Column	0,59526	PMM	DCLD62	0
565	CC140-47-12-1,50mm	Beam	0,44723	PMM	DCLD62	0

566	CC140-47-12-1,50mm	Beam	0,487921	PMM	DCLD41	0,09
567	CC140-47-12-1,50mm	Beam	0,235385	PMM	DCLD41	0
568	CC140-47-12-1,50mm	Beam	0,386219	PMM	DCLD62	0,15
569	CC140-47-12-1,50mm	Beam	0,649177	PMM	DCLD62	0
570	CC140-47-12-1,50mm	Beam	0,323677	PMM	DCLD63	0,13
571	CC140-47-12-1,50mm	Beam	0,256186	PMM	DCLD63	0
572	CC140-47-12-1,50mm	Beam	0,394818	PMM	DCLD62	0
574	CC140-47-12-1,50mm	Beam	0,297385	PMM	DCLD61	0
576	CC140-47-12-1,50mm	Beam	0,369107	PMM	DCLD62	0,15
577	CC140-47-12-1,50mm	Beam	0,89606	PMM	DCLD62	0
578	CC140-47-12-1,50mm	Beam	0,418242	PMM	DCLD61	0
579	CC140-47-12-1,50mm	Beam	0,355749	PMM	DCLD63	0,06
580	CC140-47-12-1,50mm	Beam	0,265883	PMM	DCLD62	0,15
581	CC140-47-12-1,50mm	Beam	0,479361	PMM	DCLD62	0
582	CC140-47-12-1,50mm	Beam	0,917303	PMM	DCLD62	0
583	CC140-47-12-1,50mm	Beam	0,38777	PMM	DCLD63	0,095
585	CC140-47-12-1,50mm	Beam	0,45031	PMM	DCLD28	0,096
586	CC140-47-12-1,50mm	Beam	0,456193	PMM	DCLD62	0
587	CC140-47-12-1,50mm	Beam	0,357795	PMM	DCLD61	0
588	CC140-47-12-1,50mm	Beam	0,250215	PMM	DCLD27	0
589	CC140-47-12-1,50mm	Beam	0,733321	PMM	DCLD29	0,26
590	CC140-47-12-1,50mm	Beam	0,439939	PMM	DCLD66	0
591	CC140-47-12-1,50mm	Beam	0,788736	PMM	DCLD61	0,478
592	CC140-47-12-1,50mm	Beam	0,44646	PMM	DCLD65	0,171
593	CC140-47-12-1,50mm	Beam	0,277648	PMM	DCLD64	0,625
594	CC140-47-12-1,50mm	Beam	0,502163	PMM	DCLD61	0,299
597	CC140-47-12-1,50mm	Beam	0,869123	PMM	DCLD28	0
601	CC140-47-12-1,50mm	Beam	0,749119	PMM	DCLD61	0,171
602	CC140-47-12-1,50mm	Beam	0,17478	PMM	DCLD39	0,625
604	CC140-47-12-1,20mm	Column	0,719682	PMM	DCLD62	1,6
605	CC140-47-12-1,20mm	Column	0,698515	PMM	DCLD66	1,6
606	CC140-47-12-1,20mm	Beam	0,463604	PMM	DCLD62	0
607	CC140-47-12-1,20mm	Brace	0,301165	PMM	DCLD62	0
608	CC140-47-12-1,20mm	Brace	0,086607	PMM	DCLD62	0
609	CC140-47-12-1,20mm	Brace	0,15731	PMM	DCLD64	0,57009
610	CC140-47-12-1,20mm	Brace	0,281445	PMM	DCLD65	0,57009
612	CC140-47-12-1,20mm	Column	0,276314	PMM	DCLD31	0
613	CC140-47-12-1,20mm	Column	0,359868	PMM	DCLD62	1,6
614	CC140-47-12-1,20mm	Beam	0,414174	PMM	DCLD29	0
615	CC140-47-12-1,20mm	Beam	0,365593	PMM	DCLD63	0,3
618	CC140-47-12-1,20mm	Column	0,808303	PMM	DCLD61	2,2
625	CC140-47-12-1,20mm	Beam	0,347286	PMM	DCLD62	0
629	CC140-47-12-1,20mm	Brace	0,310066	PMM	DCLD66	0
630	CC140-47-12-1,20mm	Brace	0,13479	PMM	DCLD64	0,58108
631	CC140-47-12-1,20mm	Brace	0,117203	PMM	DCLD33	0,58108
632	CC140-47-12-1,20mm	Brace	0,135437	PMM	DCLD64	0

633	CC140-47-12-1,20mm	Brace	0,108714	PMM	DCLD29	0
634	CC140-47-12-1,20mm	Brace	0,10171	PMM	DCLD64	0
635	CC140-47-12-1,20mm	Brace	0,082433	PMM	DCLD29	0,58108
636	CC140-47-12-1,20mm	Brace	0,196805	PMM	DCLD61	0,58108
637	CC140-47-12-1,20mm	Column	0,698225	PMM	DCLD34	2,5
638	CC140-47-12-1,20mm	Column	0,823855	PMM	DCLD62	0
640	CC140-47-12-1,20mm	Brace	0,491962	PMM	DCLD27	0
641	CC140-47-12-1,20mm	Beam	0,114324	PMM	DCLD64	0
642	CC140-47-12-1,20mm	Brace	0,709592	PMM	DCLD62	1,55724
643	CC140-47-12-1,20mm	Column	0,470442	PMM	DCLD66	2,75
644	CC140-47-12-1,20mm	Column	0,450694	PMM	DCLD61	1,25
645	CC140-47-12-1,20mm	Column	0,656016	PMM	DCLD64	0
646	CC140-47-12-1,20mm	Brace	0,313021	PMM	DCLD31	0
647	CC140-47-12-1,20mm	Beam	0,078045	PMM	DCLD61	0,6
648	CC140-47-12-1,20mm	Brace	0,253036	PMM	DCLD66	1,50021
649	CC140-47-12-1,20mm	Beam	0,530847	PMM	DCLD63	0
650	CC140-47-12-1,20mm	Beam	0,477356	PMM	DCLD63	0
653	CC140-47-12-1,20mm	Beam	0,526567	PMM	DCLD62	0
655	CC140-47-12-1,20mm	Beam	0,580474	PMM	DCLD32	0,6
656	CC140-47-12-1,20mm	Beam	0,508583	PMM	DCLD32	0
657	CC140-47-12-1,20mm	Beam	0,483822	PMM	DCLD62	0
658	CC140-47-12-1,20mm	Beam	0,537307	PMM	DCLD61	0,6
659	CC140-47-12-1,20mm	Beam	0,824916	PMM	DCLD63	0,08
660	CC140-47-12-1,20mm	Beam	0,347695	PMM	DCLD62	0
661	CC140-47-12-1,20mm	Beam	0,268879	PMM	DCLD61	0,6
662	CC140-47-12-1,20mm	Beam	0,362569	PMM	DCLD61	0,203
663	CC140-47-12-1,20mm	Beam	0,715258	PMM	DCLD62	0
664	CC140-47-12-1,20mm	Beam	0,719066	PMM	DCLD62	0
665	CC140-47-12-1,20mm	Beam	0,547893	PMM	DCLD31	0,66
668	CC140-47-12-1,20mm	Beam	0,612041	PMM	DCLD61	0,203
669	CC140-47-12-1,50mm	Column	0,813007	PMM	DCLD64	2,5
678	CC140-47-12-1,50mm	Beam	0,369507	PMM	DCLD63	1,412
684	CC140-47-12-1,50mm	Brace	0,265637	PMM	DCLD64	0
685	CC140-47-12-1,50mm	Brace	0,173512	PMM	DCLD33	0
686	CC140-47-12-1,50mm	Brace	0,14915	PMM	DCLD68	0
687	CC140-47-12-1,50mm	Brace	0,060532	PMM	DCLD63	0,59823
688	CC140-47-12-1,50mm	Brace	0,124046	PMM	DCLD33	0,59823
689	CC140-47-12-1,50mm	Brace	0,380918	PMM	DCLD64	0,59823
702	CC140-47-12-1,50mm	Column	0,576545	PMM	DCLD63	0
703	CC140-47-12-1,50mm	Column	0,838474	PMM	DCLD33	0
704	CC140-47-12-1,50mm	Column	0,547181	PMM	DCLD64	0,9
707	CC140-47-12-1,50mm	Beam	0,320157	PMM	DCLD33	1,412
709	CC140-47-12-1,50mm	Brace	0,337749	PMM	DCLD64	0
710	CC140-47-12-1,50mm	Brace	0,095265	PMM	DCLD33	0,59823
711	CC140-47-12-1,50mm	Brace	0,111107	PMM	DCLD64	0
712	CC140-47-12-1,50mm	Brace	0,108581	PMM	DCLD29	0

713	CC140-47-12-1,50mm	Brace	0,092819	PMM	DCLD68	0,59823
714	CC140-47-12-1,50mm	Brace	0,280128	PMM	DCLD64	0,59823
717	CC140-47-12-1,50mm	Column	0,625336	PMM	DCLD63	0
718	CC140-47-12-1,50mm	Column	0,739134	PMM	DCLD64	0,9
719	CC140-47-12-1,50mm	Column	0,605335	PMM	DCLD30	0,9
724	CC140-47-12-1,50mm	Beam	0,494729	PMM	DCLD63	0
729	CC140-47-12-1,50mm	Beam	0,730363	PMM	DCLD64	0
731	CC140-47-12-1,50mm	Column	0,827373	PMM	DCLD63	1,25
732	CC140-47-12-1,50mm	Column	0,712939	PMM	DCLD30	2,5
733	CC140-47-12-1,50mm	Column	0,797116	PMM	DCLD64	1,25
739	CC140-47-12-1,50mm	Beam	0,849239	PMM	DCLD30	0,47067
744	CC140-47-12-1,50mm	Beam	0,239388	PMM	DCLD11	0,3
745	CC140-47-12-1,50mm	Beam	0,712133	PMM	DCLD63	0
746	CC140-47-12-1,50mm	Beam	0,776622	PMM	DCLD41	0,6
747	CC140-47-12-1,50mm	Beam	0,899648	PMM	DCLD63	0,265
748	CC140-47-12-1,50mm	Beam	0,661493	PMM	DCLD63	0
749	CC140-47-12-1,50mm	Beam	0,510691	PMM	DCLD37	0
750	CC140-47-12-1,50mm	Beam	0,517581	PMM	DCLD37	0
754	CC140-47-12-1,50mm	Beam	0,341834	PMM	DCLD64	0
755	CC140-47-12-1,50mm	Beam	0,024253	PMM	DCLD64	0,602
756	CC140-47-12-1,50mm	Beam	0,054765	Major Shear	DCLD64	0
757	CC140-47-12-1,50mm	Beam	0,048071	PMM	DCLD64	0
758	CC140-47-12-1,50mm	Beam	0,058515	PMM	DCLD64	0,47067
759	CC140-47-12-1,50mm	Beam	0,066931	Major Shear	DCLD64	0
760	CC140-47-12-1,50mm	Beam	0,069649	PMM	DCLD38	0,6
761	CC140-47-12-1,50mm	Beam	0,068898	PMM	DCLD3	0
762	CC140-47-12-1,50mm	Beam	0,041901	Major Shear	DCLD64	0
763	CC140-47-12-1,50mm	Beam	0,042585	Major Shear	DCLD64	0
764	CC140-47-12-1,50mm	Beam	0,039373	PMM	DCLD64	0
765	CC140-47-12-1,50mm	Beam	0,040918	PMM	DCLD64	0,6
766	CC140-47-12-1,50mm	Beam	0,047497	Major Shear	DCLD30	0
767	CC140-47-12-1,50mm	Beam	0,056611	Major Shear	DCLD63	0,23533
768	CC140-47-12-1,50mm	Beam	0,052168	PMM	DCLD63	0
769	CC140-47-12-1,50mm	Beam	0,058087	PMM	DCLD30	0,47067
770	CC140-47-12-1,50mm	Beam	0,066034	Major Shear	DCLD64	0
771	CC140-47-12-1,50mm	Beam	0,083405	PMM	DCLD12	0,521
772	CC140-47-12-1,50mm	Beam	0,314757	PMM	DCLD63	0,602
775	CC140-47-12-1,50mm	Beam	0,54973	PMM	DCLD64	0
776	CC140-47-12-1,50mm	Beam	0,608779	PMM	DCLD34	0
777	CC140-47-12-1,50mm	Beam	0,627935	PMM	DCLD63	0,3
778	CC140-47-12-1,50mm	Beam	0,520674	PMM	DCLD67	0,6
779	CC140-47-12-1,50mm	Beam	0,479877	PMM	DCLD34	0
782	CC140-47-12-1,50mm	Beam	0,677556	PMM	DCLD34	0
783	CC140-47-12-1,50mm	Beam	0,51132	PMM	DCLD34	0
784	CC140-47-12-1,50mm	Beam	0,324483	PMM	DCLD34	0
785	CC140-47-12-1,50mm	Beam	0,519796	PMM	DCLD64	0

786	CC140-47-12-1,50mm	Beam	0,477049	PMM	DCLD63	0,3
787	CC140-47-12-1,50mm	Beam	0,380883	PMM	DCLD34	0
788	CC140-47-12-1,50mm	Beam	0,375496	PMM	DCLD34	0
789	CC140-47-12-1,50mm	Beam	0,337981	PMM	DCLD34	0
790	CC140-47-12-1,50mm	Beam	0,235147	PMM	DCLD33	0,521
792	CC140-47-12-1,50mm	Column	0,808987	PMM	DCLD30	1,25
795	CC140-47-12-1,50mm	Beam	0,337236	PMM	DCLD63	1,412
796	CC140-47-12-1,50mm	Brace	0,286144	PMM	DCLD64	0
797	CC140-47-12-1,50mm	Brace	0,190618	PMM	DCLD33	0
798	CC140-47-12-1,50mm	Brace	0,151284	PMM	DCLD64	0
799	CC140-47-12-1,50mm	Brace	0,081615	PMM	DCLD30	0,59823
800	CC140-47-12-1,50mm	Brace	0,161812	PMM	DCLD33	0,59823
801	CC140-47-12-1,50mm	Brace	0,348806	PMM	DCLD63	0,59823
808	CC140-47-12-1,50mm	Beam	0,406817	PMM	DCLD67	0
809	CC140-47-12-1,50mm	Brace	0,471393	PMM	DCLD64	0
810	CC140-47-12-1,50mm	Brace	0,236735	PMM	DCLD67	0
811	CC140-47-12-1,50mm	Brace	0,158382	PMM	DCLD64	0
812	CC140-47-12-1,50mm	Brace	0,153886	PMM	DCLD30	0,59823
813	CC140-47-12-1,50mm	Brace	0,215747	PMM	DCLD67	0,59823
814	CC140-47-12-1,50mm	Brace	0,24064	PMM	DCLD63	0,59823
820	CC140-47-12-1,50mm	Column	0,68418	PMM	DCLD63	0
821	CC140-47-12-1,50mm	Brace	0,902164	PMM	DCLD63	0
822	CC140-47-12-1,50mm	Beam	0,346383	PMM	DCLD63	0
824	CC140-47-12-1,50mm	Column	0,698796	PMM	DCLD64	2,5
825	CC140-47-12-1,50mm	Brace	0,946255	PMM	DCLD64	0
827	CC140-47-12-1,50mm	Beam	0,604376	PMM	DCLD34	0
828	CC140-47-12-1,50mm	Column	0,850473	PMM	DCLD33	0
829	CC140-47-12-1,50mm	Column	0,859546	PMM	DCLD63	0
830	CC140-47-12-1,50mm	Column	0,763145	PMM	DCLD63	0
831	CC140-47-12-1,50mm	Column	0,937136	PMM	DCLD64	1,25
835	CC140-47-12-1,50mm	Beam	0,867161	PMM	DCLD64	0,47067
840	CC140-47-12-1,50mm	Beam	0,253763	PMM	DCLD11	0,3
841	CC140-47-12-1,50mm	Beam	0,581011	PMM	DCLD63	0
842	CC140-47-12-1,50mm	Beam	0,469865	PMM	DCLD37	0,6
843	CC140-47-12-1,50mm	Beam	0,65317	PMM	DCLD63	0,265
844	CC140-47-12-1,50mm	Beam	0,629257	PMM	DCLD34	0,23533
858	CC140-47-12-1,50mm	Beam	0,304211	PMM	DCLD43	0,3
859	CC140-47-12-1,50mm	Beam	0,32256	PMM	DCLD62	0
871	CC140-47-12-1,50mm	Beam	0,625606	PMM	DCLD64	0
872	CC140-47-12-1,50mm	Beam	0,859328	PMM	DCLD64	0
873	CC140-47-12-1,50mm	Beam	0,801146	PMM	DCLD63	0,3
874	CC140-47-12-1,50mm	Beam	0,666715	PMM	DCLD63	0,6
875	CC140-47-12-1,50mm	Beam	0,661509	PMM	DCLD34	0
878	CC140-47-12-1,50mm	Beam	0,595031	PMM	DCLD30	0
879	CC140-47-12-1,50mm	Beam	0,531732	PMM	DCLD64	0
880	CC140-47-12-1,50mm	Beam	0,247023	PMM	DCLD64	0

881	CC140-47-12-1,50mm	Beam	0,549196	PMM	DCLD64	0
882	CC140-47-12-1,50mm	Beam	0,521536	PMM	DCLD63	0,3
883	CC140-47-12-1,50mm	Beam	0,479628	PMM	DCLD34	0
884	CC140-47-12-1,50mm	Beam	0,460988	PMM	DCLD34	0
885	CC140-47-12-1,50mm	Beam	0,481156	PMM	DCLD34	0
886	CC140-47-12-1,50mm	Beam	0,179522	PMM	DCLD29	0,521
888	CC140-47-12-1,20mm	Column	0,703441	PMM	DCLD67	0
889	CC140-47-12-1,20mm	Column	0,837766	PMM	DCLD30	2,2
891	CC140-47-12-1,20mm	Beam	0,319691	PMM	DCLD67	1,412
892	CC140-47-12-1,20mm	Brace	0,29437	PMM	DCLD64	0
893	CC140-47-12-1,20mm	Brace	0,15026	PMM	DCLD33	0
894	CC140-47-12-1,20mm	Brace	0,116717	PMM	DCLD30	0,59823
895	CC140-47-12-1,20mm	Brace	0,116297	PMM	DCLD33	0,59823
896	CC140-47-12-1,20mm	Brace	0,102353	PMM	DCLD64	0,59823
897	CC140-47-12-1,20mm	Brace	0,27062	PMM	DCLD64	0,59823
902	CC140-47-12-1,20mm	Column	0,800643	PMM	DCLD34	2,5
903	CC140-47-12-1,20mm	Column	0,665718	PMM	DCLD63	0
916	CC140-47-12-1,20mm	Column	0,541018	PMM	DCLD63	1,25
917	CC140-47-12-1,20mm	Brace	0,319754	PMM	DCLD29	0
918	CC140-47-12-1,20mm	Beam	0,119077	PMM	DCLD34	0,602
919	CC140-47-12-1,20mm	Brace	0,288449	PMM	DCLD34	1,50101
920	CC140-47-12-1,20mm	Column	0,811284	PMM	DCLD63	2,75
921	CC140-47-12-1,20mm	Brace	0,402506	PMM	DCLD64	0
922	CC140-47-12-1,20mm	Brace	0,448175	PMM	DCLD67	1,50021
923	CC140-47-12-1,20mm	Beam	0,425781	PMM	DCLD30	0
924	CC140-47-12-1,20mm	Column	0,636156	PMM	DCLD63	0
925	CC140-47-12-1,20mm	Column	0,682107	PMM	DCLD63	1,25
926	CC140-47-12-1,20mm	Column	0,758959	PMM	DCLD62	2,5
927	CC140-47-12-1,20mm	Column	0,697897	PMM	DCLD63	1,25
928	CC140-47-12-1,20mm	Beam	0,359124	PMM	DCLD63	0
929	CC140-47-12-1,20mm	Beam	0,366231	PMM	DCLD67	0,602
931	CC140-47-12-1,20mm	Beam	0,529232	PMM	DCLD31	0
932	CC140-47-12-1,20mm	Beam	0,451239	PMM	DCLD31	0
933	CC140-47-12-1,20mm	Beam	0,742216	PMM	DCLD30	0,23533
938	CC140-47-12-1,20mm	Beam	0,637105	PMM	DCLD34	0
939	CC140-47-12-1,20mm	Beam	0,310973	PMM	DCLD30	0,265
944	CC140-47-12-1,20mm	Beam	0,814316	PMM	DCLD34	0,521
945	CC140-47-12-1,20mm	Beam	0,872372	PMM	DCLD34	0
954	CC140-47-12-1,50mm	Beam	0,490496	PMM	DCLD34	0
955	CC140-47-12-1,50mm	Beam	0,381746	PMM	DCLD63	0
965	CC140-47-12-1,20mm	Beam	0,94003	PMM	DCLD30	0
967	CC140-47-12-1,20mm	Beam	0,504605	PMM	DCLD64	0
968	CC140-47-12-1,20mm	Beam	0,656604	PMM	DCLD64	0
969	CC140-47-12-1,20mm	Beam	0,726652	PMM	DCLD63	0,3
970	CC140-47-12-1,20mm	Beam	0,61321	PMM	DCLD29	0,6
971	CC140-47-12-1,20mm	Beam	0,625504	PMM	DCLD34	0

972	CC140-47-12-1,20mm	Beam	0,712537	PMM	DCLD34	0
973	CC140-47-12-1,20mm	Beam	0,611721	PMM	DCLD63	0,521
974	CC140-47-12-1,20mm	Beam	0,535695	PMM	DCLD30	0
975	CC140-47-12-1,20mm	Beam	0,407441	PMM	DCLD30	0
980	CC140-47-12-1,20mm	Beam	0,570156	PMM	DCLD34	0
981	CC140-47-12-1,20mm	Beam	0,706704	PMM	DCLD34	0
982	CC140-47-12-1,20mm	Beam	0,358375	PMM	DCLD29	0,521
984	CC140-47-12-1,20mm	Column	0,665952	PMM	DCLD63	2,5
987	CC140-47-12-1,20mm	Beam	0,234465	PMM	DCLD34	0
989	CC140-47-12-1,20mm	Beam	0,556141	PMM	DCLD68	0,212
990	CC140-47-12-1,20mm	Beam	0,57768	PMM	DCLD34	0
991	CC140-47-12-1,20mm	Beam	0,481919	PMM	DCLD34	0,212
995	CC140-47-12-1,50mm	Column	0,711856	PMM	DCLD64	2,5
998	CC140-47-12-1,50mm	Beam	0,359781	PMM	DCLD63	1,412
999	CC140-47-12-1,50mm	Brace	0,293186	PMM	DCLD64	0
1000	CC140-47-12-1,50mm	Brace	0,16973	PMM	DCLD33	0
1001	CC140-47-12-1,50mm	Brace	0,149558	PMM	DCLD64	0
1002	CC140-47-12-1,50mm	Brace	0,058106	PMM	DCLD34	0,59823
1003	CC140-47-12-1,50mm	Brace	0,132685	PMM	DCLD33	0,59823
1004	CC140-47-12-1,50mm	Brace	0,385717	PMM	DCLD64	0,59823
1006	CC140-47-12-1,50mm	Column	0,547663	PMM	DCLD63	0
1007	CC140-47-12-1,50mm	Column	0,777204	PMM	DCLD64	0,9
1008	CC140-47-12-1,50mm	Column	0,516214	PMM	DCLD64	0,9
1011	CC140-47-12-1,50mm	Beam	0,298441	PMM	DCLD34	0
1012	CC140-47-12-1,50mm	Brace	0,333747	PMM	DCLD64	0
1013	CC140-47-12-1,50mm	Brace	0,093698	PMM	DCLD67	0,59823
1014	CC140-47-12-1,50mm	Brace	0,103767	PMM	DCLD64	0
1015	CC140-47-12-1,50mm	Brace	0,08367	PMM	DCLD63	0
1016	CC140-47-12-1,50mm	Brace	0,057969	PMM	DCLD34	0
1017	CC140-47-12-1,50mm	Brace	0,254939	PMM	DCLD64	0,59823
1019	CC140-47-12-1,50mm	Column	0,622085	PMM	DCLD63	0
1020	CC140-47-12-1,50mm	Column	0,722602	PMM	DCLD64	0,9
1021	CC140-47-12-1,50mm	Column	0,60118	PMM	DCLD30	0,9
1023	CC140-47-12-1,50mm	Column	0,681155	PMM	DCLD64	2,5
1025	CC140-47-12-1,50mm	Beam	0,399642	PMM	DCLD67	0
1027	CC140-47-12-1,50mm	Column	0,929276	PMM	DCLD63	1,375
1030	CC140-47-12-1,50mm	Beam	0,696303	PMM	DCLD64	0
1031	CC140-47-12-1,50mm	Column	0,937335	PMM	DCLD63	1,25
1032	CC140-47-12-1,50mm	Column	0,788057	PMM	DCLD63	1,25
1033	CC140-47-12-1,50mm	Column	0,740388	PMM	DCLD64	2,5
1034	CC140-47-12-1,50mm	Column	0,786863	PMM	DCLD64	2,5
1037	CC140-47-12-1,50mm	Beam	0,94866	PMM	DCLD33	0
1038	CC140-47-12-1,50mm	Beam	0,753164	PMM	DCLD64	0,47067
1043	CC140-47-12-1,50mm	Beam	0,851252	PMM	DCLD64	0
1044	CC140-47-12-1,50mm	Beam	0,283168	PMM	DCLD40	0,29
1045	CC140-47-12-1,50mm	Beam	0,840613	PMM	DCLD63	0,6

1047	CC140-47-12-1,50mm	Beam	0,834777	PMM	DCLD63	0
1048	CC140-47-12-1,50mm	Beam	0,489345	PMM	DCLD39	0,47067
1049	CC140-47-12-1,50mm	Beam	0,518137	PMM	DCLD39	0,47067
1053	CC140-47-12-1,50mm	Beam	0,316794	PMM	DCLD64	0
1054	CC140-47-12-1,50mm	Beam	0,023053	PMM	DCLD33	0,602
1055	CC140-47-12-1,50mm	Beam	0,051235	Major Shear	DCLD64	0
1056	CC140-47-12-1,50mm	Beam	0,045226	PMM	DCLD64	0
1057	CC140-47-12-1,50mm	Beam	0,055431	PMM	DCLD64	0,47067
1058	CC140-47-12-1,50mm	Beam	0,063011	Major Shear	DCLD64	0
1059	CC140-47-12-1,50mm	Beam	0,057318	PMM	DCLD39	0,6
1060	CC140-47-12-1,50mm	Beam	0,055271	PMM	DCLD6	0
1061	CC140-47-12-1,50mm	Beam	0,037662	PMM	DCLD64	0
1062	CC140-47-12-1,50mm	Beam	0,038533	PMM	DCLD64	0,3
1063	CC140-47-12-1,50mm	Beam	0,041882	Major Shear	DCLD64	0
1064	CC140-47-12-1,50mm	Beam	0,039041	PMM	DCLD64	0,6
1065	CC140-47-12-1,50mm	Beam	0,046592	Major Shear	DCLD34	0
1066	CC140-47-12-1,50mm	Beam	0,056985	Major Shear	DCLD63	0,23533
1067	CC140-47-12-1,50mm	Beam	0,051902	PMM	DCLD63	0
1068	CC140-47-12-1,50mm	Beam	0,056059	PMM	DCLD64	0,47067
1069	CC140-47-12-1,50mm	Beam	0,063928	Major Shear	DCLD64	0
1070	CC140-47-12-1,50mm	Beam	0,062326	PMM	DCLD13	0,521
1071	CC140-47-12-1,50mm	Beam	0,329277	PMM	DCLD63	0,602
1074	CC140-47-12-1,50mm	Beam	0,518851	PMM	DCLD64	0
1075	CC140-47-12-1,50mm	Beam	0,48623	PMM	DCLD34	0
1076	CC140-47-12-1,50mm	Beam	0,448719	PMM	DCLD33	0,3
1077	CC140-47-12-1,50mm	Beam	0,621956	PMM	DCLD64	0
1078	CC140-47-12-1,50mm	Beam	0,414832	PMM	DCLD34	0
1081	CC140-47-12-1,50mm	Beam	0,514535	PMM	DCLD34	0
1082	CC140-47-12-1,50mm	Beam	0,436263	PMM	DCLD68	0
1083	CC140-47-12-1,50mm	Beam	0,316221	PMM	DCLD30	0
1084	CC140-47-12-1,50mm	Beam	0,406978	PMM	DCLD64	0
1085	CC140-47-12-1,50mm	Beam	0,330172	PMM	DCLD64	0,3
1086	CC140-47-12-1,50mm	Beam	0,466151	PMM	DCLD64	0
1087	CC140-47-12-1,50mm	Beam	0,330304	PMM	DCLD34	0
1088	CC140-47-12-1,50mm	Beam	0,32524	PMM	DCLD34	0
1089	CC140-47-12-1,50mm	Beam	0,162406	PMM	DCLD33	0,521
1090	CC140-47-12-1,50mm	Column	0,854481	PMM	DCLD30	1,25
1093	CC140-47-12-1,50mm	Beam	0,349552	PMM	DCLD63	1,412
1094	CC140-47-12-1,50mm	Brace	0,302909	PMM	DCLD64	0
1095	CC140-47-12-1,50mm	Brace	0,216563	PMM	DCLD33	0
1096	CC140-47-12-1,50mm	Brace	0,168646	PMM	DCLD68	0
1097	CC140-47-12-1,50mm	Brace	0,085809	PMM	DCLD64	0,59823
1098	CC140-47-12-1,50mm	Brace	0,160492	PMM	DCLD33	0,59823
1099	CC140-47-12-1,50mm	Brace	0,355822	PMM	DCLD63	0,59823
1102	CC140-47-12-1,50mm	Beam	0,430273	PMM	DCLD33	0
1103	CC140-47-12-1,50mm	Brace	0,490582	PMM	DCLD64	0

1104	CC140-47-12-1,50mm	Brace	0,253665	PMM	DCLD67	0
1105	CC140-47-12-1,50mm	Brace	0,174344	PMM	DCLD64	0
1106	CC140-47-12-1,50mm	Brace	0,172414	PMM	DCLD30	0,59823
1107	CC140-47-12-1,50mm	Brace	0,212855	PMM	DCLD67	0,59823
1108	CC140-47-12-1,50mm	Brace	0,158408	PMM	DCLD64	0
1110	CC140-47-12-1,50mm	Column	0,771404	PMM	DCLD63	0
1111	CC140-47-12-1,50mm	Brace	0,721247	PMM	DCLD67	0
1112	CC140-47-12-1,50mm	Beam	0,269958	PMM	DCLD63	0
1113	CC140-47-12-1,50mm	Brace	0,766087	PMM	DCLD34	1,50101
1114	CC140-47-12-1,50mm	Column	0,764059	PMM	DCLD64	2,5
1115	CC140-47-12-1,50mm	Brace	0,942564	PMM	DCLD30	0
1117	CC140-47-12-1,50mm	Beam	0,618193	PMM	DCLD34	0
1118	CC140-47-12-1,50mm	Column	0,813713	PMM	DCLD67	0
1119	CC140-47-12-1,50mm	Column	0,851356	PMM	DCLD63	0
1120	CC140-47-12-1,50mm	Column	0,894184	PMM	DCLD63	0
1121	CC140-47-12-1,50mm	Column	0,933235	PMM	DCLD64	1,25
1124	CC140-47-12-1,50mm	Beam	0,78602	PMM	DCLD67	0
1125	CC140-47-12-1,50mm	Beam	0,828981	PMM	DCLD64	0,47067
1131	CC140-47-12-1,50mm	Beam	0,285156	PMM	DCLD61	0,29
1132	CC140-47-12-1,50mm	Beam	0,792792	PMM	DCLD61	0
1133	CC140-47-12-1,50mm	Beam	0,730502	PMM	DCLD63	0,265
1134	CC140-47-12-1,50mm	Beam	0,745015	PMM	DCLD34	0,23533
1140	CC140-47-12-1,50mm	Beam	0,934025	PMM	DCLD33	0
1141	CC140-47-12-1,50mm	Beam	0,750744	PMM	DCLD33	0,3
1144	CC140-47-12-1,50mm	Beam	0,640042	PMM	DCLD64	0
1145	CC140-47-12-1,50mm	Beam	0,680061	PMM	DCLD64	0
1146	CC140-47-12-1,50mm	Beam	0,587201	PMM	DCLD33	0,3
1147	CC140-47-12-1,50mm	Beam	0,864935	PMM	DCLD64	0
1148	CC140-47-12-1,50mm	Beam	0,571869	PMM	DCLD34	0
1151	CC140-47-12-1,50mm	Beam	0,470453	PMM	DCLD64	0,636
1152	CC140-47-12-1,50mm	Beam	0,523058	PMM	DCLD64	0
1153	CC140-47-12-1,50mm	Beam	0,249627	PMM	DCLD64	0
1154	CC140-47-12-1,50mm	Beam	0,470613	PMM	DCLD64	0
1155	CC140-47-12-1,50mm	Beam	0,401563	PMM	DCLD30	0,3
1156	CC140-47-12-1,50mm	Beam	0,571906	PMM	DCLD64	0
1157	CC140-47-12-1,50mm	Beam	0,418364	PMM	DCLD34	0
1158	CC140-47-12-1,50mm	Beam	0,481697	PMM	DCLD34	0
1159	CC140-47-12-1,50mm	Beam	0,15672	PMM	DCLD67	0,521
1160	CC140-47-12-1,20mm	Column	0,729335	PMM	DCLD63	0
1163	CC140-47-12-1,20mm	Beam	0,396476	PMM	DCLD67	1,412
1164	CC140-47-12-1,20mm	Brace	0,204446	PMM	DCLD68	0
1165	CC140-47-12-1,20mm	Brace	0,203137	PMM	DCLD63	0
1166	CC140-47-12-1,20mm	Brace	0,094143	PMM	DCLD34	0
1167	CC140-47-12-1,20mm	Brace	0,098586	PMM	DCLD67	0,59823
1168	CC140-47-12-1,20mm	Brace	0,146171	PMM	DCLD30	0,59823
1169	CC140-47-12-1,20mm	Brace	0,314213	PMM	DCLD63	0,59823

1170	CC140-47-12-1,20mm	Column	0,728741	PMM	DCLD34	2,5
1171	CC140-47-12-1,20mm	Column	0,678843	PMM	DCLD63	1,25
1172	CC140-47-12-1,20mm	Column	0,589946	PMM	DCLD67	1,25
1173	CC140-47-12-1,20mm	Column	0,485757	PMM	DCLD68	2,5
1174	CC140-47-12-1,20mm	Brace	0,28872	PMM	DCLD29	0
1175	CC140-47-12-1,20mm	Beam	0,118853	PMM	DCLD34	0,602
1176	CC140-47-12-1,20mm	Brace	0,231632	PMM	DCLD34	1,50101
1177	CC140-47-12-1,20mm	Column	0,803376	PMM	DCLD63	2,75
1178	CC140-47-12-1,20mm	Brace	0,411606	PMM	DCLD64	0
1179	CC140-47-12-1,20mm	Brace	0,441486	PMM	DCLD67	0,1501
1180	CC140-47-12-1,20mm	Beam	0,469141	PMM	DCLD30	0
1181	CC140-47-12-1,20mm	Column	0,659139	PMM	DCLD64	2,5
1182	CC140-47-12-1,20mm	Column	0,709524	PMM	DCLD30	2,5
1183	CC140-47-12-1,20mm	Column	0,743466	PMM	DCLD63	0
1184	CC140-47-12-1,20mm	Column	0,767194	PMM	DCLD34	2,5
1185	CC140-47-12-1,20mm	Beam	0,464768	PMM	DCLD63	0
1186	CC140-47-12-1,20mm	Beam	0,600261	PMM	DCLD67	0,602
1188	CC140-47-12-1,20mm	Beam	0,29897	PMM	DCLD32	0
1189	CC140-47-12-1,20mm	Beam	0,269651	PMM	DCLD32	0
1190	CC140-47-12-1,20mm	Beam	0,492565	PMM	DCLD29	0,23533
1191	CC140-47-12-1,20mm	Beam	0,87544	PMM	DCLD29	0
1193	CC140-47-12-1,20mm	Beam	0,489842	PMM	DCLD32	0,6
1195	CC140-47-12-1,20mm	Beam	0,524323	PMM	DCLD34	0
1196	CC140-47-12-1,20mm	Beam	0,221984	PMM	DCLD34	0
1198	CC140-47-12-1,20mm	Beam	0,674283	PMM	DCLD34	0,521
1199	CC140-47-12-1,20mm	Beam	0,698379	PMM	DCLD34	0
1204	CC140-47-12-1,20mm	Beam	0,57934	PMM	DCLD64	0
1205	CC140-47-12-1,20mm	Beam	0,631851	PMM	DCLD30	0
1206	CC140-47-12-1,20mm	Beam	0,570117	PMM	DCLD67	0,3
1207	CC140-47-12-1,20mm	Beam	0,712901	PMM	DCLD64	0
1208	CC140-47-12-1,20mm	Beam	0,58768	PMM	DCLD63	0,6
1209	CC140-47-12-1,20mm	Beam	0,665009	PMM	DCLD68	0
1210	CC140-47-12-1,20mm	Beam	0,632117	PMM	DCLD63	0,521
1211	CC140-47-12-1,20mm	Beam	0,644688	PMM	DCLD34	0
1212	CC140-47-12-1,20mm	Beam	0,411602	PMM	DCLD30	0
1213	CC140-47-12-1,20mm	Beam	0,302332	PMM	DCLD64	0
1214	CC140-47-12-1,20mm	Beam	0,477975	PMM	DCLD30	0
1215	CC140-47-12-1,20mm	Beam	0,458191	PMM	DCLD67	0,3
1216	CC140-47-12-1,20mm	Beam	0,545871	PMM	DCLD64	0
1217	CC140-47-12-1,20mm	Beam	0,479925	PMM	DCLD34	0
1218	CC140-47-12-1,20mm	Beam	0,493733	PMM	DCLD34	0
1219	CC140-47-12-1,20mm	Beam	0,354657	PMM	DCLD29	0,521
1221	CC140-47-12-1,20mm	Column	0,836012	PMM	DCLD63	1,375
1224	CC140-47-12-1,20mm	Beam	0,190971	PMM	DCLD34	0
1226	CC140-47-12-1,20mm	Beam	0,640436	PMM	DCLD68	0,212
1227	CC140-47-12-1,20mm	Beam	0,704871	PMM	DCLD63	0,6

1228	CC140-47-12-1,20mm	Beam	0,703828	PMM	DCLD63	0
1231	CC140-47-12-1,50mm	Beam	0,16051	PMM	DCLD44	0
1232	CC140-47-12-1,50mm	Brace	0,670691	PMM	DCLD62	0
1233	CC140-47-12-1,50mm	Brace	0,603347	PMM	DCLD31	1,4567
1234	CC140-47-12-1,50mm	Column	0,656162	PMM	DCLD61	2,5
1235	CC140-47-12-1,50mm	Column	0,609804	PMM	DCLD61	2,5
1236	CC140-47-12-1,50mm	Column	0,787454	PMM	DCLD61	2,25
1237	CC140-47-12-1,50mm	Column	0,564651	PMM	DCLD62	1,25
1238	CC140-47-12-1,50mm	Column	0,896324	PMM	DCLD62	0,9
1239	CC140-47-12-1,50mm	Beam	0,166084	PMM	DCLD32	0
1240	CC140-47-12-1,50mm	Brace	0,224005	PMM	DCLD62	0
1241	CC140-47-12-1,50mm	Brace	0,099244	PMM	DCLD41	0
1242	CC140-47-12-1,50mm	Brace	0,110085	PMM	DCLD64	0
1243	CC140-47-12-1,50mm	Brace	0,177969	PMM	DCLD61	0
1244	CC140-47-12-1,50mm	Brace	0,075495	PMM	DCLD64	0
1245	CC140-47-12-1,50mm	Brace	0,184372	PMM	DCLD44	0,55902
1246	CC140-47-12-1,50mm	Column	0,652228	PMM	DCLD62	1,25
1247	CC140-47-12-1,50mm	Column	0,414974	PMM	DCLD61	2,5
1248	CC140-47-12-1,50mm	Column	0,621596	PMM	DCLD61	2,5
1250	CC140-47-12-1,50mm	Beam	0,731163	PMM	DCLD31	1,5
1251	CC140-47-12-1,50mm	Column	0,39961	PMM	DCLD27	0,9
1252	CC140-47-12-1,50mm	Column	0,453407	PMM	DCLD62	0
1253	CC140-47-12-1,50mm	Column	0,342457	PMM	DCLD62	0
1270	CC140-47-12-1,50mm	Beam	0,477116	PMM	DCLD62	0
1271	CC140-47-12-1,50mm	Beam	0,337281	PMM	DCLD62	0
1272	CC140-47-12-1,50mm	Beam	0,411064	PMM	DCLD61	0,325
1273	CC140-47-12-1,50mm	Beam	0,803397	PMM	DCLD31	0,152
1275	CC140-47-12-1,50mm	Beam	0,317867	PMM	DCLD61	0,342
1276	CC140-47-12-1,50mm	Beam	0,307636	PMM	DCLD62	0
1277	CC140-47-12-1,50mm	Beam	0,268165	PMM	DCLD62	0
1278	CC140-47-12-1,50mm	Beam	0,683736	PMM	DCLD63	0,12
1279	CC140-47-12-1,50mm	Beam	0,510176	PMM	DCLD61	0,417
1280	CC140-47-12-1,50mm	Beam	0,255779	PMM	DCLD62	0,208
1281	CC140-47-12-1,50mm	Beam	0,305862	PMM	DCLD61	0,325
1282	CC140-47-12-1,50mm	Beam	0,223167	PMM	DCLD61	0,152
1283	CC140-47-12-1,50mm	Beam	0,455519	PMM	DCLD61	0,131
1284	CC140-47-12-1,50mm	Beam	0,154334	PMM	DCLD61	0,342
1285	CC140-47-12-1,50mm	Beam	0,157408	PMM	DCLD64	0
1286	CC140-47-12-1,50mm	Beam	0,257433	PMM	DCLD62	0
1287	CC140-47-12-1,50mm	Column	0,843718	PMM	DCLD30	1,25
1288	CC140-47-12-1,50mm	Column	0,492742	PMM	DCLD27	2,5
1289	CC140-47-12-1,50mm	Beam	0,151555	PMM	DCLD63	0
1290	CC140-47-12-1,50mm	Brace	0,325981	PMM	DCLD62	0
1291	CC140-47-12-1,50mm	Brace	0,280943	PMM	DCLD67	0
1292	CC140-47-12-1,50mm	Column	0,538409	PMM	DCLD65	2,5
1293	CC140-47-12-1,50mm	Column	0,475246	PMM	DCLD61	2,5

1294	CC140-47-12-1,50mm	Column	0,60222	PMM	DCLD62	1,25
1295	CC140-47-12-1,50mm	Column	0,43687	PMM	DCLD65	2,5
1296	CC140-47-12-1,50mm	Column	0,572192	PMM	DCLD61	2,25
1297	CC140-47-12-1,50mm	Beam	0,175792	PMM	DCLD61	1,5
1298	CC140-47-12-1,50mm	Brace	0,21686	PMM	DCLD62	0
1299	CC140-47-12-1,50mm	Brace	0,09966	PMM	DCLD64	0,55902
1300	CC140-47-12-1,50mm	Brace	0,128861	PMM	DCLD64	0
1301	CC140-47-12-1,50mm	Brace	0,097096	PMM	DCLD63	0,55902
1302	CC140-47-12-1,50mm	Brace	0,070816	PMM	DCLD63	0
1303	CC140-47-12-1,50mm	Brace	0,213945	PMM	DCLD61	0,55902
1304	CC140-47-12-1,50mm	Column	0,477665	PMM	DCLD62	2,5
1305	CC140-47-12-1,50mm	Column	0,805537	PMM	DCLD27	1,375
1306	CC140-47-12-1,50mm	Column	0,87826	PMM	DCLD31	1,25
1307	CC140-47-12-1,50mm	Beam	0,673737	PMM	DCLD61	1,5
1308	CC140-47-12-1,50mm	Column	0,473158	PMM	DCLD31	0,9
1309	CC140-47-12-1,50mm	Column	0,477043	PMM	DCLD66	0
1310	CC140-47-12-1,50mm	Column	0,434052	PMM	DCLD62	0
1327	CC140-47-12-1,50mm	Beam	0,668661	PMM	DCLD28	0
1328	CC140-47-12-1,50mm	Beam	0,358411	PMM	DCLD31	0,208
1329	CC140-47-12-1,50mm	Beam	0,439187	PMM	DCLD61	0,325
1330	CC140-47-12-1,50mm	Beam	0,831825	PMM	DCLD31	0,152
1331	CC140-47-12-1,50mm	Beam	0,905663	PMM	DCLD32	0
1332	CC140-47-12-1,50mm	Beam	0,727249	PMM	DCLD66	0
1333	CC140-47-12-1,50mm	Beam	0,536475	PMM	DCLD63	0,12
1334	CC140-47-12-1,50mm	Beam	0,476139	PMM	DCLD61	0,417
1335	CC140-47-12-1,50mm	Beam	0,258356	PMM	DCLD62	0,208
1336	CC140-47-12-1,50mm	Beam	0,235201	PMM	DCLD61	0,325
1337	CC140-47-12-1,50mm	Beam	0,20311	PMM	DCLD61	0,152
1338	CC140-47-12-1,50mm	Beam	0,296918	PMM	DCLD61	0,131
1339	CC140-47-12-1,50mm	Beam	0,310279	PMM	DCLD66	0
1396	CC140-47-12-1,50mm	Brace	0,45192	PMM	DCLD66	0
1397	CC140-47-12-1,50mm	Brace	0,506281	PMM	DCLD27	1,50101
1398	CC140-47-12-1,50mm	Beam	0,114112	PMM	DCLD66	0,602
1401	CC140-47-12-1,50mm	Beam	0,150637	PMM	DCLD62	0
1402	CC140-47-12-1,50mm	Brace	0,644449	PMM	DCLD32	0
1403	CC140-47-12-1,50mm	Brace	0,609384	PMM	DCLD61	1,4567
1404	CC140-47-12-1,50mm	Column	0,593441	PMM	DCLD27	2,5
1405	CC140-47-12-1,50mm	Column	0,54686	PMM	DCLD61	2,5
1406	CC140-47-12-1,50mm	Column	0,72924	PMM	DCLD61	2,25
1407	CC140-47-12-1,50mm	Column	0,523034	PMM	DCLD61	2,5
1408	CC140-47-12-1,50mm	Column	0,807642	PMM	DCLD62	0,9
1409	CC140-47-12-1,50mm	Beam	0,153153	PMM	DCLD32	0
1410	CC140-47-12-1,50mm	Brace	0,188297	PMM	DCLD61	0,55902
1411	CC140-47-12-1,50mm	Brace	0,121802	PMM	DCLD61	0
1412	CC140-47-12-1,50mm	Brace	0,138203	PMM	DCLD62	0,55902
1413	CC140-47-12-1,50mm	Brace	0,119819	PMM	DCLD61	0

1414	CC140-47-12-1,50mm	Brace	0,108588	PMM	DCLD62	0,55902
1415	CC140-47-12-1,50mm	Brace	0,175052	PMM	DCLD62	0
1416	CC140-47-12-1,50mm	Column	0,687695	PMM	DCLD62	1,25
1417	CC140-47-12-1,50mm	Column	0,382168	PMM	DCLD62	1,25
1418	CC140-47-12-1,50mm	Column	0,616418	PMM	DCLD61	2,5
1419	CC140-47-12-1,50mm	Column	0,677411	PMM	DCLD61	2,5
1420	CC140-47-12-1,50mm	Beam	0,670305	PMM	DCLD31	1,5
1421	CC140-47-12-1,50mm	Column	0,424436	PMM	DCLD61	0,9
1422	CC140-47-12-1,50mm	Column	0,455594	PMM	DCLD62	0
1423	CC140-47-12-1,50mm	Column	0,350563	PMM	DCLD62	0
1440	CC140-47-12-1,50mm	Beam	0,476653	PMM	DCLD62	0,114
1441	CC140-47-12-1,50mm	Beam	0,353268	PMM	DCLD61	0,208
1442	CC140-47-12-1,50mm	Beam	0,420207	PMM	DCLD31	0,325
1445	CC140-47-12-1,50mm	Beam	0,329187	PMM	DCLD61	0,342
1446	CC140-47-12-1,50mm	Beam	0,293557	PMM	DCLD62	0
1447	CC140-47-12-1,50mm	Beam	0,262781	PMM	DCLD62	0
1448	CC140-47-12-1,50mm	Beam	0,51141	PMM	DCLD61	0,215
1450	CC140-47-12-1,50mm	Beam	0,254266	PMM	DCLD61	0,208
1451	CC140-47-12-1,50mm	Beam	0,329633	PMM	DCLD62	0
1452	CC140-47-12-1,50mm	Beam	0,200981	PMM	DCLD32	0,152
1453	CC140-47-12-1,50mm	Beam	0,237467	PMM	DCLD31	0,131
1454	CC140-47-12-1,50mm	Beam	0,193545	PMM	DCLD61	0,342
1455	CC140-47-12-1,50mm	Beam	0,113444	PMM	DCLD61	0,26
1456	CC140-47-12-1,50mm	Beam	0,261999	PMM	DCLD62	0
1457	CC140-47-12-1,50mm	Column	0,599501	PMM	DCLD62	1,25
1459	CC140-47-12-1,50mm	Beam	0,078616	PMM	DCLD43	0
1460	CC140-47-12-1,50mm	Brace	0,28094	PMM	DCLD63	0
1461	CC140-47-12-1,50mm	Brace	0,311336	PMM	DCLD64	1,4567
1462	CC140-47-12-1,50mm	Column	0,527584	PMM	DCLD61	2,5
1463	CC140-47-12-1,50mm	Column	0,470766	PMM	DCLD61	2,5
1464	CC140-47-12-1,50mm	Column	0,628918	PMM	DCLD61	2,25
1465	CC140-47-12-1,50mm	Column	0,45069	PMM	DCLD62	1,25
1466	CC140-47-12-1,50mm	Column	0,676456	PMM	DCLD62	0,9
1467	CC140-47-12-1,50mm	Beam	0,153654	PMM	DCLD31	1,5
1468	CC140-47-12-1,50mm	Brace	0,199407	PMM	DCLD61	0,55902
1469	CC140-47-12-1,50mm	Brace	0,133734	PMM	DCLD61	0
1470	CC140-47-12-1,50mm	Brace	0,151059	PMM	DCLD62	0,55902
1471	CC140-47-12-1,50mm	Brace	0,123822	PMM	DCLD27	0
1472	CC140-47-12-1,50mm	Brace	0,120832	PMM	DCLD62	0,55902
1473	CC140-47-12-1,50mm	Brace	0,214245	PMM	DCLD62	0
1474	CC140-47-12-1,50mm	Column	0,585992	PMM	DCLD66	2,75
1475	CC140-47-12-1,50mm	Column	0,789704	PMM	DCLD61	1,375
1476	CC140-47-12-1,50mm	Column	0,519651	PMM	DCLD61	2,5
1477	CC140-47-12-1,50mm	Beam	0,740956	PMM	DCLD61	1,5
1478	CC140-47-12-1,50mm	Column	0,480807	PMM	DCLD62	0
1479	CC140-47-12-1,50mm	Column	0,493477	PMM	DCLD32	0

1480	CC140-47-12-1,50mm	Column	0,409576	PMM	DCLD32	0
1495	CC140-47-12-1,50mm	Beam	0,620247	PMM	DCLD31	0,215
1496	CC140-47-12-1,50mm	Beam	0,544615	PMM	DCLD32	0
1497	CC140-47-12-1,50mm	Beam	0,375432	PMM	DCLD61	0,208
1498	CC140-47-12-1,50mm	Beam	0,459511	PMM	DCLD31	0,325
1499	CC140-47-12-1,50mm	Beam	0,902333	PMM	DCLD31	0,152
1500	CC140-47-12-1,50mm	Beam	0,890399	PMM	DCLD32	0
1501	CC140-47-12-1,50mm	Beam	0,486175	PMM	DCLD28	0
1502	CC140-47-12-1,50mm	Beam	0,335185	PMM	DCLD61	0,215
1503	CC140-47-12-1,50mm	Beam	0,942149	PMM	DCLD64	0,114
1504	CC140-47-12-1,50mm	Beam	0,253123	PMM	DCLD61	0,208
1505	CC140-47-12-1,50mm	Beam	0,354189	PMM	DCLD62	0
1506	CC140-47-12-1,50mm	Beam	0,248647	PMM	DCLD32	0,152
1507	CC140-47-12-1,50mm	Beam	0,18195	PMM	DCLD31	0,131
1508	CC140-47-12-1,50mm	Beam	0,257866	PMM	DCLD62	0
1509	CC140-47-12-1,50mm	Brace	0,34013	PMM	DCLD28	0
1510	CC140-47-12-1,50mm	Brace	0,361277	PMM	DCLD61	1,50101
1511	CC140-47-12-1,50mm	Beam	0,096604	PMM	DCLD32	0,602
1513	CC140-47-12-1,50mm	Column	0,81004	PMM	DCLD61	2,5
1514	CC140-47-12-1,50mm	Beam	0,144664	PMM	DCLD62	0
1515	CC140-47-12-1,50mm	Brace	0,584562	PMM	DCLD32	0
1516	CC140-47-12-1,50mm	Brace	0,575233	PMM	DCLD61	1,4567
1517	CC140-47-12-1,50mm	Column	0,581983	PMM	DCLD61	2,5
1518	CC140-47-12-1,50mm	Column	0,5442	PMM	DCLD31	2,5
1519	CC140-47-12-1,50mm	Column	0,733647	PMM	DCLD61	2,25
1520	CC140-47-12-1,50mm	Column	0,52744	PMM	DCLD62	1,25
1521	CC140-47-12-1,50mm	Column	0,866626	PMM	DCLD62	0,9
1522	CC140-47-12-1,50mm	Beam	0,15975	PMM	DCLD32	0
1523	CC140-47-12-1,50mm	Brace	0,167729	PMM	DCLD61	0,55902
1524	CC140-47-12-1,50mm	Brace	0,126428	PMM	DCLD64	0
1525	CC140-47-12-1,50mm	Brace	0,160774	PMM	DCLD62	0,55902
1526	CC140-47-12-1,50mm	Brace	0,118071	PMM	DCLD63	0
1527	CC140-47-12-1,50mm	Brace	0,087762	PMM	DCLD62	0,55902
1528	CC140-47-12-1,50mm	Brace	0,14761	PMM	DCLD63	0,55902
1529	CC140-47-12-1,50mm	Column	0,663162	PMM	DCLD62	1,25
1530	CC140-47-12-1,50mm	Column	0,403272	PMM	DCLD62	1,25
1531	CC140-47-12-1,50mm	Column	0,612782	PMM	DCLD61	2,5
1532	CC140-47-12-1,50mm	Column	0,689689	PMM	DCLD61	2,5
1533	CC140-47-12-1,50mm	Beam	0,792948	PMM	DCLD31	1,5
1534	CC140-47-12-1,50mm	Column	0,431726	PMM	DCLD61	0,9
1535	CC140-47-12-1,50mm	Column	0,463164	PMM	DCLD62	0
1536	CC140-47-12-1,50mm	Column	0,352633	PMM	DCLD62	0
1552	CC140-47-12-1,50mm	Beam	0,660031	PMM	DCLD61	0,39
1553	CC140-47-12-1,50mm	Beam	0,492995	PMM	DCLD62	0
1554	CC140-47-12-1,50mm	Beam	0,339568	PMM	DCLD61	0,208
1555	CC140-47-12-1,50mm	Beam	0,417461	PMM	DCLD31	0,325

1556	CC140-47-12-1,50mm	Beam	0,909768	PMM	DCLD31	0,152
1558	CC140-47-12-1,50mm	Beam	0,316321	PMM	DCLD61	0,342
1559	CC140-47-12-1,50mm	Beam	0,296746	PMM	DCLD62	0
1560	CC140-47-12-1,50mm	Beam	0,268936	PMM	DCLD62	0
1561	CC140-47-12-1,50mm	Beam	0,546686	PMM	DCLD61	0,39
1562	CC140-47-12-1,50mm	Beam	0,425081	PMM	DCLD32	0
1563	CC140-47-12-1,50mm	Beam	0,239427	PMM	DCLD61	0,208
1564	CC140-47-12-1,50mm	Beam	0,294323	PMM	DCLD62	0
1565	CC140-47-12-1,50mm	Beam	0,213872	PMM	DCLD32	0,152
1566	CC140-47-12-1,50mm	Beam	0,363774	PMM	DCLD61	0,131
1567	CC140-47-12-1,50mm	Beam	0,185014	PMM	DCLD44	0,342
1568	CC140-47-12-1,50mm	Beam	0,164217	PMM	DCLD43	0
1569	CC140-47-12-1,50mm	Beam	0,27043	PMM	DCLD62	0
1570	CC140-47-12-1,50mm	Column	0,599057	PMM	DCLD32	1,25
1571	CC140-47-12-1,50mm	Column	0,489934	PMM	DCLD61	2,5
1572	CC140-47-12-1,50mm	Beam	0,115018	PMM	DCLD43	0
1573	CC140-47-12-1,50mm	Brace	0,209745	PMM	DCLD62	0
1574	CC140-47-12-1,50mm	Brace	0,145519	PMM	DCLD43	0
1575	CC140-47-12-1,50mm	Column	0,516455	PMM	DCLD61	2,5
1576	CC140-47-12-1,50mm	Column	0,4632	PMM	DCLD61	2,5
1577	CC140-47-12-1,50mm	Column	0,621311	PMM	DCLD62	2,25
1578	CC140-47-12-1,50mm	Column	0,451911	PMM	DCLD62	1,25
1579	CC140-47-12-1,50mm	Column	0,675563	PMM	DCLD62	2,25
1580	CC140-47-12-1,50mm	Beam	0,164431	PMM	DCLD31	1,5
1581	CC140-47-12-1,50mm	Brace	0,179409	PMM	DCLD61	0,55902
1582	CC140-47-12-1,50mm	Brace	0,159388	PMM	DCLD63	0
1583	CC140-47-12-1,50mm	Brace	0,16255	PMM	DCLD62	0,55902
1584	CC140-47-12-1,50mm	Brace	0,120641	PMM	DCLD31	0
1585	CC140-47-12-1,50mm	Brace	0,144259	PMM	DCLD63	0,55902
1586	CC140-47-12-1,50mm	Brace	0,186405	PMM	DCLD62	0,55902
1587	CC140-47-12-1,50mm	Column	0,601749	PMM	DCLD62	2,5
1588	CC140-47-12-1,50mm	Column	0,728158	PMM	DCLD61	1,375
1589	CC140-47-12-1,50mm	Column	0,486973	PMM	DCLD61	2,5
1590	CC140-47-12-1,50mm	Beam	0,734195	PMM	DCLD61	1,5
1591	CC140-47-12-1,50mm	Column	0,477885	PMM	DCLD31	0,9
1592	CC140-47-12-1,50mm	Column	0,495661	PMM	DCLD32	0
1593	CC140-47-12-1,50mm	Column	0,425827	PMM	DCLD32	0
1608	CC140-47-12-1,50mm	Beam	0,660153	PMM	DCLD61	0,39
1609	CC140-47-12-1,50mm	Beam	0,648084	PMM	DCLD62	0
1610	CC140-47-12-1,50mm	Beam	0,352355	PMM	DCLD61	0,208
1611	CC140-47-12-1,50mm	Beam	0,459059	PMM	DCLD31	0,325
1612	CC140-47-12-1,50mm	Beam	0,93579	PMM	DCLD31	0,152
1613	CC140-47-12-1,50mm	Beam	0,903628	PMM	DCLD32	0
1614	CC140-47-12-1,50mm	Beam	0,526924	PMM	DCLD62	0
1615	CC140-47-12-1,50mm	Beam	0,454195	PMM	DCLD61	0,39
1616	CC140-47-12-1,50mm	Beam	0,405211	PMM	DCLD66	0

1617	CC140-47-12-1,50mm	Beam	0,238684	PMM	DCLD61	0,208
1618	CC140-47-12-1,50mm	Beam	0,2917	PMM	DCLD62	0
1619	CC140-47-12-1,50mm	Beam	0,238319	PMM	DCLD32	0,152
1620	CC140-47-12-1,50mm	Beam	0,199796	PMM	DCLD61	0,131
1621	CC140-47-12-1,50mm	Beam	0,269354	PMM	DCLD62	0
1622	CC140-47-12-1,50mm	Brace	0,317519	PMM	DCLD32	0
1623	CC140-47-12-1,50mm	Brace	0,383321	PMM	DCLD31	1,50101
1624	CC140-47-12-1,50mm	Beam	0,101302	PMM	DCLD32	0,602
1625	CC140-47-12-1,20mm	Column	0,810411	PMM	DCLD32	1,25
1627	CC140-47-12-1,20mm	Beam	0,082701	PMM	DCLD65	0,481
1628	CC140-47-12-1,20mm	Brace	0,428743	PMM	DCLD32	0
1629	CC140-47-12-1,20mm	Brace	0,383191	PMM	DCLD61	1,4567
1630	CC140-47-12-1,20mm	Column	0,693459	PMM	DCLD66	1,25
1631	CC140-47-12-1,20mm	Column	0,643748	PMM	DCLD62	1,25
1632	CC140-47-12-1,20mm	Column	0,80172	PMM	DCLD31	2,25
1633	CC140-47-12-1,20mm	Column	0,626721	PMM	DCLD62	1,25
1634	CC140-47-12-1,20mm	Column	0,900639	PMM	DCLD31	2,25
1635	CC140-47-12-1,20mm	Beam	0,300834	PMM	DCLD30	0,5
1636	CC140-47-12-1,20mm	Brace	0,298143	PMM	DCLD63	0
1637	CC140-47-12-1,20mm	Brace	0,220435	PMM	DCLD63	0
1638	CC140-47-12-1,20mm	Brace	0,160244	PMM	DCLD63	0
1639	CC140-47-12-1,20mm	Brace	0,11505	PMM	DCLD61	0
1640	CC140-47-12-1,20mm	Brace	0,150617	PMM	DCLD30	0,55902
1641	CC140-47-12-1,20mm	Brace	0,193288	PMM	DCLD31	0,55902
1642	CC140-47-12-1,20mm	Column	0,591644	PMM	DCLD66	1,25
1643	CC140-47-12-1,20mm	Column	0,704838	PMM	DCLD61	1,375
1644	CC140-47-12-1,20mm	Column	0,570716	PMM	DCLD28	1,25
1646	CC140-47-12-1,20mm	Column	0,810695	PMM	DCLD62	0
1647	CC140-47-12-1,20mm	Column	0,752174	PMM	DCLD32	0
1648	CC140-47-12-1,20mm	Column	0,657815	PMM	DCLD66	0
1650	CC140-47-12-1,20mm	Beam	0,913275	PMM	DCLD62	0
1651	CC140-47-12-1,20mm	Beam	0,533261	PMM	DCLD27	0,208
1652	CC140-47-12-1,20mm	Beam	0,645271	PMM	DCLD31	0,325
1656	CC140-47-12-1,20mm	Beam	0,32813	PMM	DCLD27	0,215
1658	CC140-47-12-1,20mm	Beam	0,315339	PMM	DCLD27	0,208
1659	CC140-47-12-1,20mm	Beam	0,370037	PMM	DCLD62	0
1660	CC140-47-12-1,20mm	Beam	0,165546	PMM	DCLD62	0
1661	CC140-47-12-1,20mm	Beam	0,229189	PMM	DCLD31	0,131
1662	CC140-47-12-1,20mm	Beam	0,278878	PMM	DCLD28	0
1663	CC140-47-12-1,20mm	Brace	0,404561	PMM	DCLD62	0
1664	CC140-47-12-1,20mm	Brace	0,490876	PMM	DCLD31	1,50101
1665	CC140-47-12-1,20mm	Beam	0,130409	PMM	DCLD62	0,602
1666	CC140-47-12-1,20mm	Column	0,708539	PMM	DCLD32	1,25
1667	CC140-47-12-1,20mm	Column	0,604166	PMM	DCLD31	2,5
1668	CC140-47-12-1,20mm	Beam	0,148376	PMM	DCLD43	0
1669	CC140-47-12-1,20mm	Brace	0,391815	PMM	DCLD62	0

1670	CC140-47-12-1,20mm	Brace	0,273576	PMM	DCLD61	1,4567
1671	CC140-47-12-1,20mm	Column	0,696234	PMM	DCLD61	2,5
1672	CC140-47-12-1,20mm	Column	0,596767	PMM	DCLD65	2,5
1673	CC140-47-12-1,20mm	Column	0,880526	PMM	DCLD31	2,25
1674	CC140-47-12-1,20mm	Column	0,600523	PMM	DCLD28	1,25
1675	CC140-47-12-1,20mm	Column	0,831755	PMM	DCLD32	0,9
1676	CC140-47-12-1,20mm	Beam	0,244853	PMM	DCLD31	1,5
1677	CC140-47-12-1,20mm	Brace	0,210992	PMM	DCLD63	0
1678	CC140-47-12-1,20mm	Brace	0,121273	PMM	DCLD33	0,55902
1679	CC140-47-12-1,20mm	Brace	0,200989	PMM	DCLD63	0,55902
1680	CC140-47-12-1,20mm	Brace	0,250463	PMM	DCLD63	0,55902
1681	CC140-47-12-1,20mm	Brace	0,186551	PMM	DCLD29	0
1682	CC140-47-12-1,20mm	Brace	0,235763	PMM	DCLD61	0,55902
1683	CC140-47-12-1,20mm	Column	0,591357	PMM	DCLD66	1,25
1684	CC140-47-12-1,20mm	Column	0,640388	PMM	DCLD61	1,375
1685	CC140-47-12-1,20mm	Column	0,540649	PMM	DCLD61	2,5
1687	CC140-47-12-1,20mm	Column	0,702087	PMM	DCLD31	0,9
1688	CC140-47-12-1,20mm	Column	0,752677	PMM	DCLD66	0
1689	CC140-47-12-1,20mm	Column	0,67167	PMM	DCLD32	0
1692	CC140-47-12-1,20mm	Beam	0,511438	PMM	DCLD61	0,208
1693	CC140-47-12-1,20mm	Beam	0,611282	PMM	DCLD31	0,325
1696	CC140-47-12-1,20mm	Beam	0,886561	PMM	DCLD28	0
1697	CC140-47-12-1,20mm	Beam	0,501739	PMM	DCLD61	0,39
1698	CC140-47-12-1,20mm	Beam	0,490631	PMM	DCLD62	0
1699	CC140-47-12-1,20mm	Beam	0,326097	PMM	DCLD61	0,208
1700	CC140-47-12-1,20mm	Beam	0,353065	PMM	DCLD62	0
1701	CC140-47-12-1,20mm	Beam	0,222407	PMM	DCLD62	0
1702	CC140-47-12-1,20mm	Beam	0,281225	PMM	DCLD61	0,131
1703	CC140-47-12-1,20mm	Beam	0,220414	PMM	DCLD28	0
1704	CC140-47-12-1,20mm	Brace	0,400266	PMM	DCLD62	0
1705	CC140-47-12-1,20mm	Brace	0,524848	PMM	DCLD27	1,50101
1706	CC140-47-12-1,20mm	Beam	0,14147	PMM	DCLD28	0,602
1707	CC140-47-12-1,50mm	Column	0,584736	PMM	DCLD61	2,5
1708	CC140-47-12-1,50mm	Column	0,484832	PMM	DCLD61	2,5
1709	CC140-47-12-1,50mm	Column	0,541083	PMM	DCLD61	2,5
1710	CC140-47-12-1,50mm	Column	0,487386	PMM	DCLD61	2,5
1711	CC140-47-12-1,50mm	Column	0,545553	PMM	DCLD63	2,75
1712	CC140-47-12-1,50mm	Column	0,457347	PMM	DCLD31	2,5
1713	CC140-47-12-1,20mm	Column	0,593754	PMM	DCLD65	2,5
1714	CC140-47-12-1,20mm	Column	0,559426	PMM	DCLD65	2,5
1715	CC140-47-12-1,20mm	Column	0,719944	PMM	DCLD65	2,5
1716	CC140-47-12-1,50mm	Column	0,855537	PMM	DCLD62	1,25
1717	CC140-47-12-1,50mm	Column	0,528107	PMM	DCLD32	1,25
1718	CC140-47-12-1,50mm	Column	0,675197	PMM	DCLD62	1,25
1719	CC140-47-12-1,50mm	Column	0,521357	PMM	DCLD28	1,25
1720	CC140-47-12-1,20mm	Column	0,612893	PMM	DCLD32	1,25

1721	CC140-47-12-1,20mm	Column	0,654232	PMM	DCLD66	1,25
1722	CC140-47-12-1,20mm	Beam	0,561707	PMM	DCLD61	0
1723	CC140-47-12-1,20mm	Beam	0,802737	PMM	DCLD28	0,6
1724	CC140-47-12-1,20mm	Beam	0,515535	PMM	DCLD66	0,6
1725	CC140-47-12-1,20mm	Beam	0,513126	PMM	DCLD28	0,6
1726	CC140-47-12-1,50mm	Beam	0,425241	PMM	DCLD61	0
1727	CC140-47-12-1,50mm	Beam	0,388669	PMM	DCLD28	0,6
1728	CC140-47-12-1,50mm	Beam	0,392723	PMM	DCLD66	0,6
1729	CC140-47-12-1,50mm	Beam	0,356534	PMM	DCLD28	0,6
1730	CC140-47-12-1,50mm	Beam	0,309549	PMM	DCLD61	0
1731	CC140-47-12-1,50mm	Beam	0,373603	PMM	DCLD28	0,6
1732	CC140-47-12-1,50mm	Beam	0,284853	PMM	DCLD32	0,6
1733	CC140-47-12-1,50mm	Beam	0,405674	PMM	DCLD28	0,6
1734	CC140-47-12-1,20mm	Beam	0,393382	PMM	DCLD66	0,6
1735	CC140-47-12-1,20mm	Beam	0,633602	PMM	DCLD62	0,6
1736	CC140-47-12-1,20mm	Beam	0,457614	PMM	DCLD66	0,6
1737	CC140-47-12-1,20mm	Beam	0,657976	PMM	DCLD62	0,6
1738	CC140-47-12-1,50mm	Beam	0,318452	PMM	DCLD66	0,6
1739	CC140-47-12-1,50mm	Beam	0,467959	PMM	DCLD62	0,6
1740	CC140-47-12-1,50mm	Beam	0,333324	PMM	DCLD66	0,6
1741	CC140-47-12-1,50mm	Beam	0,446853	PMM	DCLD62	0,6
1742	CC140-47-12-1,50mm	Beam	0,26925	PMM	DCLD32	0,6
1743	CC140-47-12-1,50mm	Beam	0,399636	PMM	DCLD28	0,6
1744	CC140-47-12-1,50mm	Beam	0,273491	PMM	DCLD66	0,6
1745	CC140-47-12-1,50mm	Beam	0,405073	PMM	DCLD62	0,6
1746	CC140-47-12-1,20mm	Beam	0,669808	PMM	DCLD62	0
1747	CC140-47-12-1,20mm	Beam	0,568135	PMM	DCLD67	0
1748	CC140-47-12-1,20mm	Beam	0,621084	PMM	DCLD62	0
1749	CC140-47-12-1,20mm	Beam	0,56797	PMM	DCLD64	0,545
1750	CC140-47-12-1,50mm	Beam	0,490543	PMM	DCLD62	0
1751	CC140-47-12-1,50mm	Beam	0,58368	PMM	DCLD33	0
1752	CC140-47-12-1,50mm	Beam	0,418341	PMM	DCLD62	0
1753	CC140-47-12-1,50mm	Beam	0,614897	PMM	DCLD64	0,545
1754	CC140-47-12-1,50mm	Beam	0,402741	PMM	DCLD28	0
1755	CC140-47-12-1,50mm	Beam	0,511315	PMM	DCLD33	0
1756	CC140-47-12-1,50mm	Beam	0,40306	PMM	DCLD62	0
1757	CC140-47-12-1,50mm	Beam	0,441491	PMM	DCLD61	0,545
1760	CC140-47-12-1,50mm	Beam	0,267484	PMM	DCLD62	0
1761	CC140-47-12-1,50mm	Beam	0,162467	PMM	DCLD31	0,481
1762	CC140-47-12-1,50mm	Beam	0,191528	PMM	DCLD62	0
1763	CC140-47-12-1,50mm	Beam	0,143392	PMM	DCLD62	0
1764	CC140-47-12-1,50mm	Beam	0,128587	PMM	DCLD62	0
1765	CC140-47-12-1,50mm	Beam	0,146546	PMM	DCLD31	0,152
1766	CC140-47-12-1,50mm	Beam	0,201057	PMM	DCLD31	0,25
1767	CC140-47-12-1,50mm	Beam	0,161379	PMM	DCLD31	0,5
1768	CC140-47-12-1,50mm	Beam	0,176674	PMM	DCLD62	0

1769	CC140-47-12-1,50mm	Beam	0,231715	PMM	DCLD62	0
1770	CC140-47-12-1,50mm	Beam	0,154203	PMM	DCLD62	0
1771	CC140-47-12-1,50mm	Beam	0,128103	PMM	DCLD62	0
1772	CC140-47-12-1,50mm	Beam	0,150404	PMM	DCLD62	0
1773	CC140-47-12-1,50mm	Beam	0,15075	PMM	DCLD31	0,094
1774	CC140-47-12-1,50mm	Beam	0,127979	PMM	DCLD31	0,6
1775	CC140-47-12-1,50mm	Beam	0,139515	PMM	DCLD62	0
1776	CC140-47-12-1,50mm	Beam	0,202625	PMM	DCLD62	0
1777	CC140-47-12-1,50mm	Beam	0,149908	PMM	DCLD31	0,481
1778	CC140-47-12-1,50mm	Beam	0,255392	PMM	DCLD62	0
1779	CC140-47-12-1,50mm	Beam	0,140111	PMM	DCLD62	0
1780	CC140-47-12-1,50mm	Beam	0,163532	PMM	DCLD62	0
1781	CC140-47-12-1,50mm	Beam	0,139391	PMM	DCLD62	0
1782	CC140-47-12-1,50mm	Beam	0,158174	PMM	DCLD62	0
1783	CC140-47-12-1,50mm	Beam	0,210109	PMM	DCLD31	0,25
1784	CC140-47-12-1,50mm	Beam	0,168748	PMM	DCLD31	0,5
1785	CC140-47-12-1,50mm	Beam	0,179678	PMM	DCLD62	0
1786	CC140-47-12-1,50mm	Beam	0,235507	PMM	DCLD62	0
1787	CC140-47-12-1,50mm	Beam	0,164121	PMM	DCLD62	0
1788	CC140-47-12-1,50mm	Beam	0,122518	PMM	DCLD62	0
1789	CC140-47-12-1,50mm	Beam	0,142762	PMM	DCLD62	0
1790	CC140-47-12-1,50mm	Beam	0,146935	PMM	DCLD31	0,094
1791	CC140-47-12-1,50mm	Beam	0,123051	PMM	DCLD31	0,6
1792	CC140-47-12-1,50mm	Beam	0,13741	PMM	DCLD62	0
1793	CC140-47-12-1,50mm	Beam	0,162933	PMM	DCLD62	0
1794	CC140-47-12-1,50mm	Beam	0,173409	PMM	DCLD31	0,481
1795	CC140-47-12-1,50mm	Beam	0,198805	PMM	DCLD62	0
1796	CC140-47-12-1,50mm	Beam	0,151959	PMM	DCLD31	0,208
1797	CC140-47-12-1,50mm	Beam	0,135618	PMM	DCLD62	0
1798	CC140-47-12-1,50mm	Beam	0,155735	PMM	DCLD61	0,152
1799	CC140-47-12-1,50mm	Beam	0,215995	PMM	DCLD61	0,25
1800	CC140-47-12-1,50mm	Beam	0,17312	PMM	DCLD31	0,5
1801	CC140-47-12-1,50mm	Beam	0,181007	PMM	DCLD62	0
1802	CC140-47-12-1,50mm	Beam	0,238039	PMM	DCLD62	0
1803	CC140-47-12-1,50mm	Beam	0,161522	PMM	DCLD62	0
1804	CC140-47-12-1,50mm	Beam	0,130229	PMM	DCLD61	0,342
1805	CC140-47-12-1,50mm	Beam	0,149373	PMM	DCLD62	0
1806	CC140-47-12-1,50mm	Beam	0,16151	PMM	DCLD31	0,094
1807	CC140-47-12-1,50mm	Beam	0,119602	PMM	DCLD31	0,6
1808	CC140-47-12-1,50mm	Beam	0,203052	PMM	DCLD27	0,545
1810	CC140-47-12-1,50mm	Beam	0,942054	PMM	DCLD45	0
1811	CC140-47-12-1,50mm	Beam	0,888274	PMM	DCLD62	0
1812	CC140-47-12-1,50mm	Beam	0,751469	PMM	DCLD66	0,208
1813	CC140-47-12-1,50mm	Beam	0,335847	PMM	DCLD43	0,024
1814	CC140-47-12-1,50mm	Beam	0,539119	PMM	DCLD51	0,152
1815	CC140-47-12-1,50mm	Beam	0,427379	PMM	DCLD43	0,172

1817	CC140-47-12-1,50mm	Beam	0,387833	PMM	DCLD62	0
1818	CC140-47-12-1,50mm	Beam	0,423291	PMM	DCLD62	0
1820	CC140-47-12-1,50mm	Beam	0,614207	PMM	DCLD17	0,342
1821	CC140-47-12-1,50mm	Beam	0,435202	PMM	DCLD43	0
1822	CC140-47-12-1,50mm	Beam	0,551973	PMM	DCLD17	0
1823	CC140-47-12-1,50mm	Beam	0,759509	PMM	DCLD61	0,6
1824	CC140-47-12-1,50mm	Beam	0,659471	PMM	DCLD61	0,6
1825	CC140-47-12-1,50mm	Beam	0,794677	PMM	DCLD27	0,215
1826	CC140-47-12-1,50mm	Beam	0,770322	PMM	DCLD61	0
1828	CC140-47-12-1,50mm	Beam	0,594056	PMM	DCLD17	0,208
1829	CC140-47-12-1,50mm	Beam	0,310775	PMM	DCLD62	0
1830	CC140-47-12-1,50mm	Beam	0,542226	PMM	DCLD17	0,152
1831	CC140-47-12-1,50mm	Beam	0,56491	PMM	DCLD17	0
1832	CC140-47-12-1,50mm	Beam	0,444142	PMM	DCLD62	0
1833	CC140-47-12-1,50mm	Beam	0,41139	PMM	DCLD62	0
1834	CC140-47-12-1,50mm	Beam	0,911809	PMM	DCLD32	0,25
1836	CC140-47-12-1,50mm	Beam	0,290906	PMM	DCLD43	0,342
1837	CC140-47-12-1,50mm	Beam	0,55991	PMM	DCLD17	0
1838	CC140-47-12-1,50mm	Beam	0,532043	PMM	DCLD17	0
1839	CC140-47-12-1,50mm	Beam	0,388548	PMM	DCLD62	0
1840	CC140-47-12-1,50mm	Beam	0,334907	PMM	DCLD42	0,045
1841	CC140-47-12-1,50mm	Beam	0,727788	PMM	DCLD61	0,39
1842	CC140-47-12-1,50mm	Beam	0,542377	PMM	DCLD61	0
1843	CC140-47-12-1,50mm	Beam	0,724847	PMM	DCLD32	0
1844	CC140-47-12-1,50mm	Beam	0,20818	PMM	DCLD43	0,032
1845	CC140-47-12-1,50mm	Beam	0,575153	PMM	DCLD32	0
1846	CC140-47-12-1,50mm	Beam	0,268291	PMM	DCLD43	0,124
1847	CC140-47-12-1,50mm	Beam	0,561803	PMM	DCLD9	0
1848	CC140-47-12-1,50mm	Beam	0,525899	PMM	DCLD43	0,347
1849	CC140-47-12-1,50mm	Beam	0,339262	PMM	DCLD62	0
1852	CC140-47-12-1,50mm	Beam	0,366637	PMM	DCLD43	0,342
1853	CC140-47-12-1,50mm	Beam	0,565646	PMM	DCLD17	0
1854	CC140-47-12-1,50mm	Beam	0,510245	PMM	DCLD17	0
1855	CC140-47-12-1,50mm	Beam	0,619592	PMM	DCLD62	0
1856	CC140-47-12-1,50mm	Beam	0,801461	PMM	DCLD64	0,545
1861	CC140-47-12-1,50mm	Beam	0,592899	PMM	DCLD63	0,024
1863	CC140-47-12-1,50mm	Beam	0,451935	PMM	DCLD64	0,024
1865	CC140-47-12-1,50mm	Beam	0,54017	PMM	DCLD64	0,172
1867	CC140-47-12-1,50mm	Beam	0,491325	PMM	DCLD64	0,047
1868	CC140-47-12-1,50mm	Beam	0,541374	PMM	DCLD64	0,172
1870	CC140-47-12-1,50mm	Beam	0,913571	PMM	DCLD62	0,602
1872	CC140-47-12-1,50mm	Beam	0,79958	PMM	DCLD61	0,6
1873	CC140-47-12-1,50mm	Beam	0,842867	PMM	DCLD62	0
1875	CC140-47-12-1,50mm	Beam	0,852415	PMM	DCLD62	0,481
1876	CC140-47-12-1,50mm	Beam	0,801231	PMM	DCLD62	0
1878	CC140-47-12-1,50mm	Beam	0,36666	PMM	DCLD62	0,324

1881	CC140-47-12-1,50mm	Beam	0,476348	PMM	DCLD62	0
1882	CC140-47-12-1,50mm	Beam	0,441262	PMM	DCLD62	0
1885	CC140-47-12-1,50mm	Beam	0,596687	PMM	DCLD61	0
1887	CC140-47-12-1,50mm	Beam	0,547815	PMM	DCLD62	0
1888	CC140-47-12-1,50mm	Beam	0,417614	PMM	DCLD64	0,045
1889	CC140-47-12-1,50mm	Beam	0,735568	PMM	DCLD61	0,39
1890	CC140-47-12-1,50mm	Beam	0,646892	PMM	DCLD62	0,481
1892	CC140-47-12-1,50mm	Beam	0,421493	PMM	DCLD64	0,032
1894	CC140-47-12-1,50mm	Beam	0,466265	PMM	DCLD64	0,124
1896	CC140-47-12-1,50mm	Beam	0,621503	PMM	DCLD64	0,347
1897	CC140-47-12-1,50mm	Beam	0,374695	PMM	DCLD64	0,472
1899	CC140-47-12-1,50mm	Beam	0,759728	PMM	DCLD61	0,131
1900	CC140-47-12-1,50mm	Beam	0,698953	PMM	DCLD61	0
1901	CC140-47-12-1,50mm	Beam	0,717191	PMM	DCLD34	0,094
1902	CC140-47-12-1,50mm	Beam	0,78408	PMM	DCLD62	0
1903	CC140-47-12-1,50mm	Beam	0,924687	PMM	DCLD64	0,545
1904	CC140-47-12-1,20mm	Beam	0,769991	PMM	DCLD64	0
1905	CC140-47-12-1,20mm	Beam	0,871397	PMM	DCLD34	0,6
1910	CC140-47-12-1,20mm	Beam	0,656198	PMM	DCLD30	0,325
1911	CC140-47-12-1,20mm	Beam	0,768018	PMM	DCLD30	0,152
1912	CC140-47-12-1,20mm	Beam	0,821804	PMM	DCLD34	0,25
1914	CC140-47-12-1,20mm	Beam	0,928	PMM	DCLD34	0
1915	CC140-47-12-1,20mm	Beam	0,882319	PMM	DCLD34	0
1916	CC140-47-12-1,20mm	Beam	0,838733	PMM	DCLD64	0,131
1918	CC140-47-12-1,20mm	Beam	0,810158	PMM	DCLD34	0
1919	CC140-47-12-1,20mm	Beam	0,829431	PMM	DCLD34	0
1921	CC140-47-12-1,20mm	Beam	0,80229	PMM	DCLD68	0
1922	CC140-47-12-1,20mm	Beam	0,824452	PMM	DCLD62	0,481
1924	CC140-47-12-1,20mm	Beam	0,730218	PMM	DCLD34	0
1925	CC140-47-12-1,20mm	Beam	0,624634	PMM	DCLD34	0
1926	CC140-47-12-1,20mm	Beam	0,582049	PMM	DCLD64	0
1927	CC140-47-12-1,20mm	Beam	0,63718	PMM	DCLD34	0
1928	CC140-47-12-1,20mm	Beam	0,666979	PMM	DCLD64	0,5
1930	CC140-47-12-1,20mm	Beam	0,677147	PMM	DCLD34	0,25
1931	CC140-47-12-1,20mm	Beam	0,807078	PMM	DCLD64	0,131
1935	CC140-47-12-1,20mm	Beam	0,772562	PMM	DCLD30	0
1999	CC80-47-10-1,50mm	Beam	0,694881	PMM	DCLD63	0
2003	CC80-47-10-1,50mm	Beam	0,423689	PMM	DCLD63	0,25
2004	CC80-47-10-1,50mm	Beam	0,621962	PMM	DCLD63	1,5
2066	CC140-47-12-1,50mm	Beam	0,785581	PMM	DCLD18	0,625
2067	CC140-47-12-1,50mm	Beam	0,579631	PMM	DCLD44	0,625
2068	CC140-47-12-1,50mm	Beam	0,567978	PMM	DCLD44	0,625
2069	CC140-47-12-1,50mm	Beam	0,448533	PMM	DCLD10	0,625
2070	CC140-47-12-1,50mm	Beam	0,273687	PMM	DCLD61	0
2071	CC140-47-12-1,50mm	Beam	0,300325	PMM	DCLD62	0
2072	CC140-47-12-1,50mm	Beam	0,253719	PMM	DCLD64	0,625

2073	CC140-47-12-1,50mm	Beam	0,212943	PMM	DCLD33	0,625
2074	CC140-47-12-1,50mm	Beam	0,339315	PMM	DCLD44	0,415
2075	CC140-47-12-1,50mm	Beam	0,356529	PMM	DCLD17	0
2076	CC140-47-12-1,50mm	Beam	0,182859	PMM	DCLD43	0,625
2077	CC140-47-12-1,50mm	Beam	0,39611	PMM	DCLD62	0
2078	CC140-47-12-1,50mm	Beam	0,180654	PMM	DCLD62	0,625
2079	CC140-47-12-1,50mm	Beam	0,15822	PMM	DCLD62	0,625
2080	CC140-47-12-1,50mm	Beam	0,262597	PMM	DCLD33	0
2081	CC140-47-12-1,50mm	Beam	0,343894	PMM	DCLD44	0
2082	CC140-47-12-1,50mm	Beam	0,305904	PMM	DCLD64	0
2083	CC140-47-12-1,50mm	Beam	0,473366	PMM	DCLD41	0
2084	CC140-47-12-1,50mm	Beam	0,435763	PMM	DCLD43	0
2085	CC140-47-12-1,50mm	Beam	0,66925	PMM	DCLD44	0,21
2086	CC140-47-12-1,50mm	Beam	0,385385	PMM	DCLD31	0
2087	CC140-47-12-1,50mm	Beam	0,337	PMM	DCLD31	0
2088	CC140-47-12-1,50mm	Beam	0,328598	PMM	DCLD62	0
2089	CC140-47-12-1,50mm	Beam	0,329198	PMM	DCLD62	0
2090	CC140-47-12-1,50mm	Beam	0,32566	PMM	DCLD62	0
2091	CC140-47-12-1,50mm	Beam	0,399971	PMM	DCLD63	0
2092	CC140-47-12-1,50mm	Beam	0,709097	PMM	DCLD44	0
2093	CC140-47-12-1,50mm	Beam	0,786771	PMM	DCLD44	0
2094	CC140-47-12-1,50mm	Beam	0,548518	PMM	DCLD64	0,625
2095	CC140-47-12-1,50mm	Beam	0,692317	PMM	DCLD44	0
2097	CC140-47-12-1,50mm	Beam	0,357667	PMM	DCLD61	0,065
2098	CC80-47-10-1,50mm	Beam	0,321531	PMM	DCLD34	0
2100	CC140-47-12-1,50mm	Beam	0,643882	PMM	DCLD62	0
2101	CC140-47-12-1,50mm	Beam	0,727774	PMM	DCLD10	0
2105	CC140-47-12-1,50mm	Beam	0,863139	PMM	DCLD43	0,065
2127	CC140-47-12-1,50mm	Column	0,90486	PMM	DCLD63	1,25
2128	CC140-47-12-1,50mm	Beam	0,935437	PMM	DCLD43	0
2129	CC140-47-12-1,50mm	Beam	0,271217	PMM	DCLD62	0,625
2130	CC140-47-12-1,50mm	Beam	0,242725	PMM	DCLD61	0
2131	CC140-47-12-1,50mm	Beam	0,266765	PMM	DCLD61	0
2132	CC140-47-12-1,50mm	Beam	0,411852	PMM	DCLD27	0,625
2133	CC140-47-12-1,50mm	Brace	0,656153	PMM	DCLD61	0
2134	CC140-47-12-1,50mm	Brace	0,929775	PMM	DCLD62	1,51038
2135	CC140-47-12-1,50mm	Beam	0,232936	PMM	DCLD31	0
2136	CC140-47-12-1,50mm	Brace	0,668475	PMM	DCLD62	0
2137	CC140-47-12-1,50mm	Brace	0,914333	PMM	DCLD61	1,51038
2138	CC140-47-12-1,50mm	Beam	0,254259	PMM	DCLD62	0
2141	CC140-47-12-1,50mm	Beam	0,490664	PMM	DCLD43	0
2142	CC140-47-12-1,50mm	Beam	0,364989	PMM	DCLD62	0,625
2143	CC140-47-12-1,50mm	Beam	0,356912	PMM	DCLD62	0,625
2144	CC140-47-12-1,50mm	Beam	0,372381	PMM	DCLD62	0,625
2145	CC140-47-12-1,50mm	Beam	0,425282	PMM	DCLD27	0,625
2148	CC140-47-12-1,50mm	Beam	0,544322	PMM	DCLD62	0,345

2149	CC140-47-12-1,50mm	Beam	0,597009	PMM	DCLD28	0
2155	CC140-47-12-1,50mm	Beam	0,583864	PMM	DCLD27	0
2156	CC140-47-12-1,50mm	Brace	0,588921	PMM	DCLD61	0
2157	CC140-47-12-1,50mm	Beam	0,426254	PMM	DCLD62	0
2158	CC140-47-12-1,50mm	Beam	0,370219	PMM	DCLD32	0,625
2159	CC140-47-12-1,50mm	Beam	0,348938	PMM	DCLD61	0
2160	CC140-47-12-1,50mm	Beam	0,438377	PMM	DCLD61	0,625
2161	CC140-47-12-1,50mm	Beam	0,366934	PMM	DCLD34	0,165
2162	CC140-47-12-1,50mm	Beam	0,4823	PMM	DCLD62	0
2163	CC140-47-12-1,50mm	Beam	0,404054	PMM	DCLD62	0,625
2164	CC140-47-12-1,50mm	Beam	0,491351	PMM	DCLD61	0,565
2166	CC140-47-12-1,50mm	Beam	0,346935	PMM	DCLD62	0
2167	CC140-47-12-1,50mm	Beam	0,592984	PMM	DCLD62	0
2168	CC140-47-12-1,50mm	Beam	0,454923	PMM	DCLD62	0
2169	CC140-47-12-1,50mm	Beam	0,424842	PMM	DCLD31	0,625
2170	CC140-47-12-1,50mm	Beam	0,623886	PMM	DCLD61	0,415
2171	CC140-47-12-1,50mm	Beam	0,330242	PMM	DCLD61	0,21
2173	CC140-47-12-1,50mm	Beam	0,414367	PMM	DCLD62	0
2174	CC140-47-12-1,50mm	Beam	0,256266	PMM	DCLD32	0,625
2175	CC140-47-12-1,50mm	Beam	0,248262	PMM	DCLD61	0,625
2176	CC140-47-12-1,50mm	Beam	0,335191	PMM	DCLD61	0,625
2177	CC140-47-12-1,50mm	Beam	0,193227	PMM	DCLD43	0,165
2178	CC140-47-12-1,50mm	Beam	0,317038	PMM	DCLD62	0
2179	CC140-47-12-1,50mm	Beam	0,308435	PMM	DCLD31	0,625
2180	CC140-47-12-1,50mm	Beam	0,343104	PMM	DCLD61	0,565
2187	CC140-47-12-1,50mm	Beam	0,850984	PMM	DCLD63	0,625
2188	CC140-47-12-1,50mm	Beam	0,500702	PMM	DCLD30	0
2189	CC140-47-12-1,50mm	Beam	0,575877	PMM	DCLD63	0,345
2190	CC140-47-12-1,50mm	Beam	0,518176	PMM	DCLD64	0
2191	CC140-47-12-1,50mm	Beam	0,400915	PMM	DCLD33	0,625
2192	CC140-47-12-1,50mm	Beam	0,289889	PMM	DCLD61	0,415
2193	CC140-47-12-1,50mm	Beam	0,404288	PMM	DCLD63	0,21
2194	CC140-47-12-1,50mm	Beam	0,1658	PMM	DCLD62	0,625
2195	CC140-47-12-1,50mm	Beam	0,370968	PMM	DCLD62	0
2196	CC140-47-12-1,50mm	Beam	0,196313	PMM	DCLD62	0,625
2197	CC140-47-12-1,50mm	Beam	0,186167	PMM	DCLD62	0,625
2198	CC140-47-12-1,50mm	Beam	0,339993	PMM	DCLD64	0,625
2199	CC140-47-12-1,50mm	Beam	0,382188	PMM	DCLD33	0
2200	CC140-47-12-1,50mm	Beam	0,438923	PMM	DCLD33	0
2201	CC140-47-12-1,50mm	Beam	0,555682	PMM	DCLD64	0,625
2202	CC140-47-12-1,50mm	Beam	0,589159	PMM	DCLD64	0
2223	CC140-47-12-1,50mm	Column	0,866505	PMM	DCLD63	0
2225	CC140-47-12-1,50mm	Beam	0,269994	PMM	DCLD62	0,625
2226	CC140-47-12-1,50mm	Beam	0,250392	PMM	DCLD61	0
2227	CC140-47-12-1,50mm	Beam	0,282218	PMM	DCLD61	0
2228	CC140-47-12-1,50mm	Beam	0,397195	PMM	DCLD61	0,625

2229	CC140-47-12-1,50mm	Brace	0,482417	PMM	DCLD63	0
2230	CC140-47-12-1,50mm	Brace	0,742476	PMM	DCLD63	1,51038
2231	CC140-47-12-1,50mm	Beam	0,142257	PMM	DCLD61	0
2232	CC140-47-12-1,50mm	Brace	0,690811	PMM	DCLD64	0
2233	CC140-47-12-1,50mm	Brace	0,772322	PMM	DCLD68	1,51038
2234	CC140-47-12-1,50mm	Beam	0,149735	PMM	DCLD62	0
2235	CC140-47-12-1,50mm	Beam	0,671644	PMM	DCLD43	0
2236	CC140-47-12-1,50mm	Beam	0,393292	PMM	DCLD62	0,625
2237	CC140-47-12-1,50mm	Beam	0,355407	PMM	DCLD62	0,625
2238	CC140-47-12-1,50mm	Beam	0,391198	PMM	DCLD61	0
2239	CC140-47-12-1,50mm	Beam	0,505085	PMM	DCLD61	0,625
2240	CC140-47-12-1,50mm	Beam	0,686532	PMM	DCLD61	0
2241	CC140-47-12-1,50mm	Beam	0,568384	PMM	DCLD62	0
2242	CC140-47-12-1,50mm	Beam	0,652083	PMM	DCLD62	0
2243	CC140-47-12-1,50mm	Beam	0,562853	PMM	DCLD62	0,21
2245	CC140-47-12-1,50mm	Beam	0,636548	PMM	DCLD61	0,625
2246	CC140-47-12-1,50mm	Brace	0,697023	PMM	DCLD61	0,41505
2247	CC140-47-12-1,50mm	Beam	0,481669	PMM	DCLD62	0
2248	CC140-47-12-1,50mm	Beam	0,381175	PMM	DCLD62	0,625
2249	CC140-47-12-1,50mm	Beam	0,352674	PMM	DCLD61	0,625
2250	CC140-47-12-1,50mm	Beam	0,436346	PMM	DCLD61	0,625
2251	CC140-47-12-1,50mm	Beam	0,264352	Major Shear	DCLD61	0,165
2252	CC140-47-12-1,50mm	Beam	0,46145	PMM	DCLD62	0
2253	CC140-47-12-1,50mm	Beam	0,41453	PMM	DCLD62	0,625
2254	CC140-47-12-1,50mm	Beam	0,474879	PMM	DCLD61	0,565
2255	CC140-47-12-1,50mm	Beam	0,321604	PMM	DCLD64	0,28
2256	CC140-47-12-1,50mm	Beam	0,522488	PMM	DCLD62	0
2257	CC140-47-12-1,50mm	Beam	0,50385	PMM	DCLD62	0
2258	CC140-47-12-1,50mm	Beam	0,480494	PMM	DCLD31	0,625
2259	CC140-47-12-1,50mm	Beam	0,619614	PMM	DCLD61	0,415
2260	CC140-47-12-1,50mm	Beam	0,318294	PMM	DCLD63	0
2261	CC140-47-12-1,50mm	Beam	0,372496	PMM	DCLD62	0
2262	CC140-47-12-1,50mm	Beam	0,254505	PMM	DCLD61	0
2263	CC140-47-12-1,50mm	Beam	0,249146	PMM	DCLD27	0,625
2264	CC140-47-12-1,50mm	Beam	0,332361	PMM	DCLD61	0,625
2265	CC140-47-12-1,50mm	Beam	0,190485	PMM	DCLD61	0,165
2266	CC140-47-12-1,50mm	Beam	0,33548	PMM	DCLD64	0
2267	CC140-47-12-1,50mm	Beam	0,290228	PMM	DCLD31	0,625
2268	CC140-47-12-1,50mm	Beam	0,335279	PMM	DCLD61	0,565
2270	CC140-47-12-1,20mm	Beam	0,684155	PMM	DCLD64	0
2271	CC140-47-12-1,20mm	Beam	0,564996	PMM	DCLD61	0,625
2273	CC140-47-12-1,20mm	Beam	0,502089	PMM	DCLD27	0
2275	CC140-47-12-1,20mm	Beam	0,627812	PMM	DCLD61	0
2276	CC140-47-12-1,20mm	Beam	0,577051	PMM	DCLD65	0
2277	CC140-47-12-1,20mm	Beam	0,674875	PMM	DCLD68	0
2278	CC140-47-12-1,20mm	Beam	0,446067	PMM	DCLD31	0

2280	CC140-47-12-1,20mm	Beam	0,718469	PMM	DCLD34	0,415
2283	CC140-47-12-1,20mm	Beam	0,422479	PMM	DCLD63	0,625
2285	CC140-47-12-1,20mm	Beam	0,385541	PMM	DCLD63	0,625
2291	CC140-47-12-1,20mm	Column	0,798166	PMM	DCLD62	0,25
2292	CC140-47-12-1,20mm	Column	0,828603	PMM	DCLD66	0,25
2293	CC140-47-12-1,20mm	Column	0,678906	PMM	DCLD62	0,25
2294	CC140-47-12-1,20mm	Column	0,81756	PMM	DCLD65	0,25
2295	CC140-47-12-1,20mm	Column	0,709777	PMM	DCLD61	0,25
2298	CC140-47-12-1,20mm	Column	0,920205	PMM	DCLD64	2,75
2299	CC140-47-12-1,20mm	Column	0,92636	PMM	DCLD68	2,75
2302	CC140-47-12-1,20mm	Column	0,736432	PMM	DCLD68	2,75
2303	CC140-47-12-1,20mm	Column	0,745108	PMM	DCLD68	2,75
2304	CC140-47-12-1,20mm	Column	0,742858	PMM	DCLD68	2,75
2311	CC140-47-12-1,20mm	Column	0,754737	PMM	DCLD64	2,5
2312	CC140-47-12-1,20mm	Beam	0,562885	PMM	DCLD65	0
2313	CC140-47-12-1,20mm	Beam	0,425106	PMM	DCLD62	0,625
2314	CC140-47-12-1,20mm	Beam	0,424626	PMM	DCLD65	0
2315	CC140-47-12-1,20mm	Beam	0,406654	PMM	DCLD27	0
2316	CC140-47-12-1,20mm	Beam	0,425679	PMM	DCLD61	0
2317	CC140-47-12-1,20mm	Brace	0,480315	PMM	DCLD61	0
2318	CC140-47-12-1,20mm	Brace	0,57107	PMM	DCLD67	1,51038
2319	CC140-47-12-1,20mm	Beam	0,190062	PMM	DCLD61	0
2320	CC140-47-12-1,20mm	Brace	0,307901	PMM	DCLD63	0
2321	CC140-47-12-1,20mm	Brace	0,836745	PMM	DCLD68	1,51038
2322	CC140-47-12-1,20mm	Beam	0,109607	PMM	DCLD31	0
2323	CC140-47-12-1,20mm	Beam	0,712248	PMM	DCLD64	0
2324	CC140-47-12-1,20mm	Beam	0,458397	PMM	DCLD62	0,625
2325	CC140-47-12-1,20mm	Beam	0,400894	PMM	DCLD65	0
2326	CC140-47-12-1,20mm	Beam	0,435192	PMM	DCLD27	0
2327	CC140-47-12-1,20mm	Beam	0,537519	PMM	DCLD61	0,625
2328	CC140-47-12-1,20mm	Beam	0,630236	PMM	DCLD61	0
2329	CC140-47-12-1,20mm	Beam	0,587401	PMM	DCLD31	0
2330	CC140-47-12-1,20mm	Beam	0,707349	PMM	DCLD31	0
2331	CC140-47-12-1,20mm	Beam	0,462337	Major Shear	DCLD62	0
2333	CC140-47-12-1,20mm	Beam	0,664574	PMM	DCLD61	0
2334	CC140-47-12-1,20mm	Brace	0,711637	PMM	DCLD63	0,41505
2335	CC140-47-12-1,20mm	Beam	0,420674	PMM	DCLD62	0
2336	CC140-47-12-1,20mm	Beam	0,356085	PMM	DCLD31	0,625
2337	CC140-47-12-1,20mm	Beam	0,342459	PMM	DCLD27	0,625
2338	CC140-47-12-1,20mm	Beam	0,401895	PMM	DCLD61	0,625
2339	CC140-47-12-1,20mm	Beam	0,600843	PMM	DCLD29	0,165
2340	CC140-47-12-1,20mm	Beam	0,639368	PMM	DCLD33	0
2341	CC140-47-12-1,20mm	Beam	0,37781	PMM	DCLD62	0,625
2342	CC140-47-12-1,20mm	Beam	0,409014	PMM	DCLD64	0
2343	CC140-47-12-1,20mm	Beam	0,651293	PMM	DCLD29	0,28
2344	CC140-47-12-1,20mm	Beam	0,510331	PMM	DCLD31	0

2345	CC140-47-12-1,20mm	Beam	0,584424	PMM	DCLD31	0
2346	CC140-47-12-1,20mm	Beam	0,469285	PMM	DCLD27	0,625
2347	CC140-47-12-1,20mm	Beam	0,806402	PMM	DCLD63	0,415
2348	CC140-47-12-1,20mm	Beam	0,386944	PMM	DCLD63	0
2349	CC140-47-12-1,20mm	Beam	0,300699	PMM	DCLD62	0
2350	CC140-47-12-1,20mm	Beam	0,265475	PMM	DCLD65	0,625
2351	CC140-47-12-1,20mm	Beam	0,334575	PMM	DCLD67	0,625
2352	CC140-47-12-1,20mm	Beam	0,346103	PMM	DCLD33	0
2353	CC140-47-12-1,20mm	Beam	0,304345	PMM	DCLD64	0,165
2354	CC140-47-12-1,20mm	Beam	0,311994	PMM	DCLD64	0
2355	CC140-47-12-1,20mm	Beam	0,28286	PMM	DCLD64	0,625
2356	CC140-47-12-1,20mm	Beam	0,330026	PMM	DCLD64	0
2363	CC140-47-12-1,50mm	Column	0,772235	PMM	DCLD63	0,25
2364	CC140-47-12-1,50mm	Beam	0,390018	PMM	DCLD61	0
2365	CC140-47-12-1,50mm	Beam	0,258616	PMM	DCLD61	0,625
2366	CC140-47-12-1,50mm	Beam	0,269325	PMM	DCLD61	0,625
2367	CC140-47-12-1,50mm	Beam	0,262589	PMM	DCLD61	0
2368	CC140-47-12-1,50mm	Beam	0,407181	PMM	DCLD61	0,375
2369	CC140-47-12-1,50mm	Beam	0,64184	PMM	DCLD28	0
2370	CC140-47-12-1,50mm	Beam	0,51087	PMM	DCLD61	0
2371	CC140-47-12-1,50mm	Beam	0,506443	PMM	DCLD61	0
2372	CC140-47-12-1,50mm	Beam	0,563015	PMM	DCLD61	0,625
2373	CC140-47-12-1,50mm	Beam	0,737367	PMM	DCLD61	0,375
2374	CC140-47-12-1,50mm	Beam	0,618275	PMM	DCLD62	0
2375	CC140-47-12-1,50mm	Beam	0,40168	PMM	DCLD28	0
2376	CC140-47-12-1,50mm	Beam	0,356249	PMM	DCLD61	0
2377	CC140-47-12-1,50mm	Beam	0,486152	PMM	DCLD61	0,625
2378	CC140-47-12-1,50mm	Beam	0,779958	PMM	DCLD43	0,375
2390	CC140-47-12-1,50mm	Column	0,931063	PMM	DCLD64	2,75
2396	CC140-47-12-1,50mm	Beam	0,705607	PMM	DCLD28	0
2397	CC140-47-12-1,50mm	Beam	0,525491	PMM	DCLD28	0
2398	CC140-47-12-1,50mm	Beam	0,482619	PMM	DCLD61	0
2399	CC140-47-12-1,50mm	Beam	0,585706	PMM	DCLD61	0,625
2400	CC140-47-12-1,50mm	Beam	0,582959	PMM	DCLD61	0,375
2401	CC140-47-12-1,50mm	Beam	0,71948	PMM	DCLD62	0
2402	CC140-47-12-1,50mm	Beam	0,383031	PMM	DCLD28	0
2403	CC140-47-12-1,50mm	Beam	0,352613	PMM	DCLD61	0
2404	CC140-47-12-1,50mm	Beam	0,447301	PMM	DCLD61	0,625
2407	CC140-47-12-1,20mm	Beam	0,8147	PMM	DCLD30	0,625
2409	CC140-47-12-1,20mm	Beam	0,453085	PMM	DCLD30	0,625
2410	CC140-47-12-1,20mm	Beam	0,799178	PMM	DCLD30	0,375
2413	CC140-47-12-1,20mm	Column	0,938624	PMM	DCLD66	2,75
2414	CC140-47-12-1,20mm	Column	0,82833	PMM	DCLD32	2,75
2415	CC140-47-12-1,20mm	Column	0,759203	PMM	DCLD61	2,75
2416	CC140-47-12-1,20mm	Column	0,713514	PMM	DCLD61	2,75
2417	CC140-47-12-1,20mm	Column	0,790535	PMM	DCLD63	0,25

2423	CC140-47-12-1,20mm	Beam	0,633946	PMM	DCLD67	0
2424	CC140-47-12-1,20mm	Beam	0,637081	PMM	DCLD65	0
2425	CC140-47-12-1,20mm	Beam	0,528145	PMM	DCLD61	0
2426	CC140-47-12-1,20mm	Beam	0,681045	PMM	DCLD61	0,625
2427	CC140-47-12-1,20mm	Beam	0,728407	PMM	DCLD61	0,375
2429	CC140-47-12-1,20mm	Beam	0,468276	PMM	DCLD64	0,625
2430	CC140-47-12-1,20mm	Beam	0,469564	PMM	DCLD34	0
2431	CC140-47-12-1,20mm	Beam	0,454696	PMM	DCLD64	0,625
2432	CC140-47-12-1,20mm	Beam	0,463543	PMM	DCLD64	0
2448	CC140-47-12-1,50mm	Beam	0,325664	Major Shear	DCLD62	0
2449	CC140-47-12-1,50mm	Beam	0,203725	PMM	DCLD62	0
2450	CC140-47-12-1,50mm	Beam	0,196208	PMM	DCLD62	0
2451	CC140-47-12-1,50mm	Beam	0,196338	PMM	DCLD62	0
2452	CC140-47-12-1,50mm	Beam	0,196244	PMM	DCLD62	0
2453	CC140-47-12-1,50mm	Beam	0,195897	PMM	DCLD62	0
2454	CC140-47-12-1,50mm	Beam	0,195549	PMM	DCLD62	0
2455	CC140-47-12-1,50mm	Beam	0,196791	PMM	DCLD62	0,625
2456	CC140-47-12-1,50mm	Beam	0,197745	PMM	DCLD62	0
2457	CC140-47-12-1,50mm	Beam	0,196949	PMM	DCLD62	0
2458	CC140-47-12-1,50mm	Beam	0,192508	PMM	DCLD61	0
2459	CC140-47-12-1,50mm	Beam	0,282254	PMM	DCLD61	0,625
2460	CC140-47-12-1,50mm	Beam	0,544038	Major Shear	DCLD61	0,065
2488	CC140-47-12-1,50mm	Beam	0,377973	PMM	DCLD44	0,625
2489	CC140-47-12-1,50mm	Beam	0,296877	PMM	DCLD62	0
2490	CC140-47-12-1,50mm	Beam	0,292758	PMM	DCLD28	0
2491	CC140-47-12-1,50mm	Beam	0,29193	PMM	DCLD62	0
2492	CC140-47-12-1,50mm	Beam	0,287496	PMM	DCLD28	0
2493	CC140-47-12-1,50mm	Beam	0,54079	PMM	DCLD29	0
2499	CC140-47-12-1,50mm	Beam	0,528374	PMM	DCLD63	0
2555	CC140-47-12-1,20mm	Beam	0,520803	PMM	DCLD67	0,625
2557	CC140-47-12-1,20mm	Beam	0,277596	PMM	DCLD61	0,625
2559	CC140-47-12-1,20mm	Beam	0,265288	PMM	DCLD29	0
2561	CC140-47-12-1,20mm	Beam	0,488722	PMM	DCLD63	0
2569	CC140-47-12-1,20mm	Column	0,663211	PMM	DCLD64	2,75
2570	CC140-47-12-1,20mm	Column	0,490848	PMM	DCLD63	2,75
2571	CC140-47-12-1,20mm	Column	0,589302	PMM	DCLD65	0,25
2572	CC140-47-12-1,20mm	Column	0,515219	PMM	DCLD62	2,75
2573	CC140-47-12-1,20mm	Column	0,808247	PMM	DCLD64	2,75
2574	CC140-47-12-1,20mm	Column	0,695859	PMM	DCLD64	2,75
2575	CC140-47-12-1,20mm	Column	0,727793	PMM	DCLD64	2,75
2576	CC140-47-12-1,20mm	Column	0,726833	PMM	DCLD64	2,75
2577	CC140-47-12-1,20mm	Column	0,720869	PMM	DCLD64	2,75
2578	CC140-47-12-1,20mm	Column	0,790433	PMM	DCLD64	2,75
2579	CC140-47-12-1,20mm	Column	0,930439	PMM	DCLD64	2,75
2606	CC140-47-12-1,20mm	Beam	0,930142	PMM	DCLD62	0
2694	CC80-47-10-1,50mm	Beam	0,494506	PMM	DCLD43	0

2695	CC80-47-10-1,50mm	Beam	0,204959	PMM	DCLD43	0,625
2696	CC80-47-10-1,50mm	Beam	0,428577	PMM	DCLD43	0,625
2698	CC80-47-10-1,50mm	Beam	0,540268	PMM	DCLD63	0
2699	CC80-47-10-1,50mm	Beam	0,762677	PMM	DCLD43	0,625
2700	CC80-47-10-1,50mm	Beam	0,500002	PMM	DCLD33	0
2701	CC80-47-10-1,50mm	Beam	0,578667	PMM	DCLD63	0
2702	CC80-47-10-1,50mm	Beam	0,387416	PMM	DCLD44	0,625
2703	CC80-47-10-1,20mm	Beam	0,568873	PMM	DCLD63	0,25
2707	CC80-47-10-1,50mm	Beam	0,357592	PMM	DCLD33	0
2708	CC80-47-10-1,50mm	Beam	0,443811	PMM	DCLD63	0
2709	CC80-47-10-1,50mm	Beam	0,40171	PMM	DCLD34	0,625
2711	CC80-47-10-1,20mm	Beam	0,665276	PMM	DCLD63	0
2712	CC80-47-10-1,20mm	Beam	0,658087	PMM	DCLD68	0,625
2713	CC80-47-10-1,20mm	Beam	0,692634	PMM	DCLD64	0
2714	CC80-47-10-1,20mm	Beam	0,743815	PMM	DCLD63	0
2715	CC80-47-10-1,20mm	Beam	0,42869	PMM	DCLD63	0,625
2720	CC80-47-10-1,20mm	Beam	0,537295	PMM	DCLD33	0
2721	CC80-47-10-1,20mm	Beam	0,587786	PMM	DCLD63	0
2722	CC80-47-10-1,20mm	Beam	0,574016	PMM	DCLD63	0,625
2724	CC80-47-10-1,00mm	Beam	0,698258	PMM	DCLD33	0
2725	CC80-47-10-1,00mm	Beam	0,612397	PMM	DCLD64	0,625
2726	CC80-47-10-1,00mm	Beam	0,931608	PMM	DCLD33	0
2727	CC80-47-10-1,00mm	Beam	0,740367	PMM	DCLD67	0
2728	CC80-47-10-1,00mm	Beam	0,357181	PMM	DCLD63	0,625
2739	CC80-47-10-1,50mm	Beam	0,671916	PMM	DCLD64	0,625
2740	CC80-47-10-1,50mm	Brace	0,686411	PMM	DCLD64	0,24009
2741	CC80-47-10-1,50mm	Beam	0,710067	PMM	DCLD63	0
2742	CC80-47-10-1,50mm	Beam	0,596186	PMM	DCLD33	0
2743	CC80-47-10-1,50mm	Beam	0,495881	PMM	DCLD63	0,625
2744	CC80-47-10-1,50mm	Beam	0,466522	PMM	DCLD29	0
2746	CC80-47-10-1,50mm	Beam	0,665055	PMM	DCLD63	0
2747	CC80-47-10-1,50mm	Beam	0,670261	PMM	DCLD63	0,625
2748	CC80-47-10-1,50mm	Beam	0,404832	PMM	DCLD18	0,24
2749	CC80-47-10-1,50mm	Beam	0,45237	PMM	DCLD63	0
2750	CC80-47-10-1,50mm	Beam	0,617229	PMM	DCLD33	0
2751	CC80-47-10-1,50mm	Beam	0,588759	PMM	DCLD63	0,625
2752	CC80-47-10-1,50mm	Beam	0,749375	PMM	DCLD63	0,625
2756	CC80-47-10-1,20mm	Beam	0,853779	PMM	DCLD63	0
2760	CC80-47-10-1,20mm	Column	0,89719	PMM	DCLD29	0
2766	CC80-47-10-1,20mm	Beam	0,707181	PMM	DCLD34	0,625
2767	CC80-47-10-1,20mm	Brace	0,656599	PMM	DCLD64	0,24009
2768	CC80-47-10-1,20mm	Beam	0,777555	PMM	DCLD63	0
2769	CC80-47-10-1,20mm	Beam	0,598518	PMM	DCLD64	0
2770	CC80-47-10-1,20mm	Beam	0,512954	PMM	DCLD64	0
2771	CC80-47-10-1,20mm	Beam	0,502224	PMM	DCLD64	0
2773	CC80-47-10-1,20mm	Beam	0,911448	PMM	DCLD63	0

2774	CC80-47-10-1,20mm	Beam	0,821444	PMM	DCLD33	0,625
2775	CC80-47-10-1,20mm	Beam	0,587369	PMM	DCLD33	0,24
2776	CC80-47-10-1,20mm	Beam	0,68291	PMM	DCLD63	0
2777	CC80-47-10-1,20mm	Beam	0,792209	PMM	DCLD63	0
2778	CC80-47-10-1,20mm	Beam	0,718741	PMM	DCLD63	0,625
2793	CC80-47-10-1,00mm	Beam	0,876696	PMM	DCLD34	0,625
2794	CC80-47-10-1,00mm	Brace	0,807387	PMM	DCLD64	0,24009
2795	CC80-47-10-1,00mm	Beam	0,909758	PMM	DCLD63	0
2796	CC80-47-10-1,00mm	Beam	0,804592	PMM	DCLD34	0
2797	CC80-47-10-1,00mm	Beam	0,626904	PMM	DCLD64	0
2798	CC80-47-10-1,00mm	Beam	0,693539	PMM	DCLD34	0,625
2801	CC80-47-10-1,00mm	Beam	0,890058	PMM	DCLD63	0,625
2802	CC80-47-10-1,00mm	Beam	0,564787	PMM	DCLD64	0,24
2803	CC80-47-10-1,00mm	Beam	0,524843	PMM	DCLD63	0
2804	CC80-47-10-1,00mm	Beam	0,812992	PMM	DCLD29	0
2805	CC80-47-10-1,00mm	Beam	0,717668	PMM	DCLD29	0
2811	CC80-47-10-1,50mm	Beam	0,497012	PMM	DCLD43	0
2812	CC80-47-10-1,50mm	Beam	0,612928	PMM	DCLD63	0
2813	CC80-47-10-1,50mm	Beam	0,435289	PMM	DCLD44	0,625
2816	CC80-47-10-1,50mm	Beam	0,663626	PMM	DCLD34	0
2817	CC80-47-10-1,50mm	Beam	0,879323	PMM	DCLD44	0,625
2819	CC80-47-10-1,20mm	Beam	0,853902	PMM	DCLD63	1,5
2823	CC80-47-10-1,20mm	Beam	0,690841	PMM	DCLD64	0
2824	CC80-47-10-1,20mm	Beam	0,81009	PMM	DCLD63	0
2825	CC80-47-10-1,20mm	Beam	0,544319	PMM	DCLD63	0,625
2827	CC80-47-10-1,20mm	Beam	0,823899	PMM	DCLD34	0
2828	CC80-47-10-1,20mm	Beam	0,932377	PMM	DCLD63	0,625
2834	CC80-47-10-1,00mm	Beam	0,728075	PMM	DCLD29	0
2835	CC80-47-10-1,00mm	Beam	0,792847	PMM	DCLD67	0
2836	CC80-47-10-1,00mm	Beam	0,595864	PMM	DCLD63	0,625
2861	CATI MAKAS	Column	0,133448	PMM	DCLD36	0,55917
2863	CATI MAKAS	Column	0,134181	PMM	DCLD62	0,55917
2865	CATI MAKAS	Brace	0,715009	PMM	DCLD63	0,73061
2879	CATI MAKAS	Column	0,146882	PMM	DCLD65	1,11834
2881	CATI MAKAS	Column	0,401379	PMM	DCLD65	1,11834
2901	CATI MAKAS	Column	0,099904	PMM	DCLD67	0,55917
2903	CATI MAKAS	Column	0,279658	PMM	DCLD66	0,55917
2905	CATI MAKAS	Column	0,451311	PMM	DCLD65	0
2913	CATI MAKAS	Column	0,065437	PMM	DCLD61	0,55917
2914	CATI MAKAS	Column	0,07046	PMM	DCLD65	0,55917
2917	CATI MAKAS	Column	0,195171	PMM	DCLD62	1,11834
2918	CATI MAKAS	Column	0,309507	PMM	DCLD62	1,11834
2920	CATI MAKAS	Column	0,139802	PMM	DCLD62	0,55917
2955	CATI MAKAS	Column	0,118182	PMM	DCLD63	0
2956	CATI MAKAS	Brace	0,205692	PMM	DCLD31	0,87653
2957	CATI MAKAS	Brace	0,328072	PMM	DCLD28	0,87653

2958	CATI MAKAS	Column	0,103741	PMM	DCLD65	0,83876
2959	CATI MAKAS	Brace	0,376195	PMM	DCLD66	1,07663
2960	CATI MAKAS	Brace	0,229939	PMM	DCLD30	1,35355
2961	CATI MAKAS	Column	0,652181	PMM	DCLD65	0
2962	CATI MAKAS	Brace	0,572504	PMM	DCLD32	1,35355
2963	CATI MAKAS	Brace	0,471888	PMM	DCLD28	0
2964	CATI MAKAS	Column	0,396371	PMM	DCLD65	1,11834
2965	CATI MAKAS	Brace	0,306178	PMM	DCLD29	0
2966	CATI MAKAS	Brace	0,519801	PMM	DCLD64	1,07663
2967	CATI MAKAS	Column	0,134989	PMM	DCLD29	0
2968	CATI MAKAS	Brace	0,600793	PMM	DCLD68	0,87653
2969	CATI MAKAS	Brace	0,248477	PMM	DCLD33	0
2970	CATI MAKAS	Column	0,26868	PMM	DCLD68	0,27959
2976	CATI MAKAS	Brace	0,196709	PMM	DCLD61	0
2977	CATI MAKAS	Brace	0,490318	PMM	DCLD32	0
2978	CATI MAKAS	Column	0,437528	PMM	DCLD65	0
2979	CATI MAKAS	Brace	0,476863	PMM	DCLD67	0
2980	CATI MAKAS	Column	0,215937	PMM	DCLD61	0
2981	CATI MAKAS	Brace	0,205388	PMM	DCLD29	0
2982	CATI MAKAS	Brace	0,376726	PMM	DCLD68	1,07663
2983	CATI MAKAS	Brace	0,385042	PMM	DCLD29	0
2984	CATI MAKAS	Column	0,044573	PMM	DCLD64	0
2985	CATI MAKAS	Brace	0,50886	PMM	DCLD34	0,73061
2986	CATI MAKAS	Column	0,551897	PMM	DCLD63	0
2987	CATI MAKAS	Brace	0,502898	PMM	DCLD31	0
2988	CATI MAKAS	Brace	0,520546	PMM	DCLD66	0,87653
2989	CATI MAKAS	Brace	0,667079	PMM	DCLD28	0
2991	CATI MAKAS	Brace	0,709667	PMM	DCLD62	0,94556
2992	CATI MAKAS	Brace	0,304987	PMM	DCLD27	0
2993	CATI MAKAS	Brace	0,262059	PMM	DCLD68	0,87653
2994	CATI MAKAS	Brace	0,565509	PMM	DCLD64	0,87653
2995	CATI MAKAS	Brace	0,351265	PMM	DCLD68	0,73061
2996	CATI MAKAS	Column	0,265409	PMM	DCLD64	0
2997	CATI MAKAS	Column	0,119561	PMM	DCLD68	0
2998	CATI MAKAS	Column	0,18108	PMM	DCLD66	0,55917
2999	CATI MAKAS	Column	0,092103	PMM	DCLD66	0,55917
3000	CATI MAKAS	Column	0,153571	PMM	DCLD64	0
3001	CATI MAKAS	Brace	0,358942	PMM	DCLD30	0,73061
3002	CATI MAKAS	Column	0,069056	PMM	DCLD66	0
3009	CATI MAKAS	Column	0,161059	PMM	DCLD36	0,55917
3010	CATI MAKAS	Column	0,209327	PMM	DCLD36	0,55917
3011	CATI MAKAS	Brace	0,693025	PMM	DCLD66	0,73061
3013	CATI MAKAS	Column	0,176759	PMM	DCLD66	1,11834
3014	CATI MAKAS	Column	0,124476	PMM	DCLD64	1,11834
3017	CATI MAKAS	Column	0,34931	PMM	DCLD63	0,55917
3018	CATI MAKAS	Column	0,509664	PMM	DCLD35	0

3019	CATI MAKAS	Column	0,15699	PMM	DCLD66	0
3020	CATI MAKAS	Column	0,32287	PMM	DCLD35	0
3021	CATI MAKAS	Column	0,074489	PMM	DCLD62	0,55917
3022	CATI MAKAS	Column	0,074027	PMM	DCLD63	0,55917
3025	CATI MAKAS	Column	0,769331	PMM	DCLD62	1,11834
3026	CATI MAKAS	Column	0,131569	PMM	DCLD67	1,11834
3027	CATI MAKAS	Column	0,179814	PMM	DCLD64	0,55917
3028	CATI MAKAS	Column	0,132245	PMM	DCLD61	0,55917
3052	CATI MAKAS	Brace	0,947942	PMM	DCLD64	0
3053	CATI MAKAS	Brace	0,858822	PMM	DCLD63	1,46122
3060	CATI MAKAS	Column	0,183189	PMM	DCLD63	0
3061	CATI MAKAS	Brace	0,272136	PMM	DCLD63	0,87653
3062	CATI MAKAS	Brace	0,360844	PMM	DCLD64	0
3063	CATI MAKAS	Column	0,081727	PMM	DCLD66	0,83876
3064	CATI MAKAS	Brace	0,432872	PMM	DCLD68	0
3065	CATI MAKAS	Brace	0,293155	PMM	DCLD29	1,35355
3066	CATI MAKAS	Column	0,281165	PMM	DCLD68	0
3067	CATI MAKAS	Brace	0,191223	PMM	DCLD66	0
3068	CATI MAKAS	Brace	0,450377	PMM	DCLD65	1,35355
3069	CATI MAKAS	Column	0,363068	PMM	DCLD35	0
3070	CATI MAKAS	Brace	0,21844	PMM	DCLD67	0
3071	CATI MAKAS	Brace	0,45535	PMM	DCLD67	1,07663
3072	CATI MAKAS	Column	0,129667	PMM	DCLD63	0
3073	CATI MAKAS	Brace	0,520339	PMM	DCLD63	0,87653
3074	CATI MAKAS	Brace	0,291052	PMM	DCLD30	0
3075	CATI MAKAS	Column	0,279616	PMM	DCLD68	0,27959
3076	CATI MAKAS	Brace	0,395436	PMM	DCLD63	0,73061
3077	CATI MAKAS	Column	0,173423	PMM	DCLD64	0
3078	CATI MAKAS	Brace	0,18307	PMM	DCLD29	1,07663
3079	CATI MAKAS	Brace	0,264202	PMM	DCLD68	0
3080	CATI MAKAS	Column	0,044863	PMM	DCLD64	0
3081	CATI MAKAS	Brace	0,193925	PMM	DCLD33	1,62427
3082	CATI MAKAS	Brace	0,431532	PMM	DCLD68	0
3083	CATI MAKAS	Column	0,088018	PMM	DCLD64	0
3084	CATI MAKAS	Brace	0,304708	PMM	DCLD34	0
3085	CATI MAKAS	Column	0,388364	PMM	DCLD66	0
3086	CATI MAKAS	Brace	0,500024	PMM	DCLD67	1,62427
3087	CATI MAKAS	Brace	0,840239	PMM	DCLD66	1,07663
3088	CATI MAKAS	Brace	0,331443	PMM	DCLD30	0
3089	CATI MAKAS	Column	0,408292	PMM	DCLD62	0
3090	CATI MAKAS	Brace	0,539445	PMM	DCLD63	0,73061
3091	CATI MAKAS	Column	0,278496	PMM	DCLD29	0
3092	CATI MAKAS	Brace	0,291707	PMM	DCLD62	0,87653
3093	CATI MAKAS	Brace	0,529586	PMM	DCLD35	0,87653
3094	CATI MAKAS	Brace	0,68066	PMM	DCLD63	0,94556
3095	CATI MAKAS	Brace	0,705087	PMM	DCLD34	0

3096	CATI MAKAS	Brace	0,598097	PMM	DCLD29	0,94556
3097	CATI MAKAS	Brace	0,512579	PMM	DCLD30	0
3098	CATI MAKAS	Brace	0,427549	PMM	DCLD63	0
3099	CATI MAKAS	Brace	0,528049	PMM	DCLD33	0,87653
3100	CATI MAKAS	Brace	0,430599	PMM	DCLD29	0,73061
3101	CATI MAKAS	Column	0,248737	PMM	DCLD64	0
3102	CATI MAKAS	Column	0,15817	PMM	DCLD62	0
3103	CATI MAKAS	Column	0,303314	PMM	DCLD64	0
3104	CATI MAKAS	Column	0,514984	PMM	DCLD35	0,55917
3105	CATI MAKAS	Column	0,140089	PMM	DCLD30	0
3106	CATI MAKAS	Brace	0,311749	PMM	DCLD33	0,73061
3107	CATI MAKAS	Column	0,158318	PMM	DCLD62	0
3120	CATI MAKAS	Brace	0,93603	PMM	DCLD29	0
3134	CATI MAKAS	Beam	0,879341	PMM	DCLD34	0
3135	CATI MAKAS	Beam	0,921904	PMM	DCLD34	0,675
3136	CATI MAKAS	Beam	0,465189	PMM	DCLD63	0,675
3138	CATI MAKAS	Column	0,483471	PMM	DCLD65	0
3139	CATI MAKAS	Column	0,189255	PMM	DCLD61	1,11834
3140	CATI MAKAS	Column	0,146076	PMM	DCLD66	1,11834
3141	CATI MAKAS	Column	0,11886	PMM	DCLD65	0,55917
3142	CATI MAKAS	Brace	0,177183	PMM	DCLD31	0
3143	CATI MAKAS	Brace	0,529702	PMM	DCLD66	0
3144	CATI MAKAS	Column	0,36649	PMM	DCLD65	0
3145	CATI MAKAS	Brace	0,485632	PMM	DCLD65	0
3146	CATI MAKAS	Column	0,234509	PMM	DCLD61	0
3147	CATI MAKAS	Brace	0,191576	PMM	DCLD29	0
3148	CATI MAKAS	Brace	0,258145	PMM	DCLD68	1,07663
3149	CATI MAKAS	Brace	0,248155	PMM	DCLD33	0
3150	CATI MAKAS	Column	0,047655	PMM	DCLD61	0
3151	CATI MAKAS	Brace	0,347241	PMM	DCLD64	0,73061
3152	CATI MAKAS	Column	0,139503	PMM	DCLD67	0
3153	CATI MAKAS	Brace	0,752597	PMM	DCLD52	0
3154	CATI MAKAS	Brace	0,675773	PMM	DCLD67	0
3156	CATI MAKAS	Brace	0,842142	PMM	DCLD64	0,73061
3157	CATI MAKAS	Brace	0,790976	PMM	DCLD67	0
3158	CATI MAKAS	Brace	0,584298	PMM	DCLD33	0
3159	CATI MAKAS	Brace	0,56439	PMM	DCLD33	0
3160	CATI MAKAS	Brace	0,708581	PMM	DCLD61	0,82532
3161	CATI MAKAS	Beam	0,211933	PMM	DCLD65	0,7625
3163	CATI MAKAS	Beam	0,935492	PMM	DCLD65	0
3164	CATI MAKAS	Beam	0,380575	PMM	DCLD66	0,7625
3165	CATI MAKAS	Beam	0,217935	PMM	DCLD61	0
3166	CATI MAKAS	Beam	0,24028	PMM	DCLD33	0,675
3167	CATI MAKAS	Beam	0,444737	PMM	DCLD29	0
3168	CATI MAKAS	Beam	0,653543	PMM	DCLD33	0,675
3170	CATI MAKAS	Column	0,456028	PMM	DCLD61	0

3171	CATI MAKAS	Column	0,752746	PMM	DCLD62	1,11834
3172	CATI MAKAS	Column	0,142478	PMM	DCLD61	1,11834
3173	CATI MAKAS	Column	0,146291	PMM	DCLD64	0,55917
3174	CATI MAKAS	Brace	0,177778	PMM	DCLD27	0
3175	CATI MAKAS	Brace	0,500611	PMM	DCLD66	0
3176	CATI MAKAS	Column	0,345852	PMM	DCLD66	0
3177	CATI MAKAS	Brace	0,300981	PMM	DCLD31	0
3178	CATI MAKAS	Column	0,42209	PMM	DCLD61	0
3179	CATI MAKAS	Brace	0,315915	PMM	DCLD64	1,62427
3180	CATI MAKAS	Brace	0,8341	PMM	DCLD62	1,07663
3181	CATI MAKAS	Brace	0,200234	PMM	DCLD33	0
3182	CATI MAKAS	Column	0,411356	PMM	DCLD65	0
3183	CATI MAKAS	Brace	0,337422	PMM	DCLD64	0,73061
3184	CATI MAKAS	Column	0,178415	PMM	DCLD67	0
3186	CATI MAKAS	Brace	0,532791	PMM	DCLD67	0
3187	CATI MAKAS	Brace	0,889676	PMM	DCLD67	0
3188	CATI MAKAS	Brace	0,742987	PMM	DCLD33	0
3189	CATI MAKAS	Brace	0,704527	PMM	DCLD33	0
3190	CATI MAKAS	Brace	0,527092	PMM	DCLD33	0
3191	CATI MAKAS	Brace	0,506064	PMM	DCLD33	0
3192	CATI MAKAS	Brace	0,74261	PMM	DCLD65	0,82532
3193	CATI MAKAS	Beam	0,200047	PMM	DCLD65	0,7625
3195	CATI MAKAS	Beam	0,814896	PMM	DCLD63	0
3197	CATI MAKAS	Beam	0,914573	PMM	DCLD61	0
3198	CATI MAKAS	Beam	0,526447	PMM	DCLD30	0,675
3199	CATI MAKAS	Beam	0,365224	PMM	DCLD30	0
3531	CATI MAKAS	Column	0,476124	PMM	DCLD62	0
3532	CATI MAKAS	Column	0,799121	PMM	DCLD62	1,11834
3533	CATI MAKAS	Column	0,239204	PMM	DCLD65	1,11834
3534	CATI MAKAS	Column	0,114695	PMM	DCLD64	0,55917
3535	CATI MAKAS	Column	0,116596	PMM	DCLD61	0,55917
3538	CATI MAKAS	Brace	0,920251	PMM	DCLD34	0,82532
3540	CATI MAKAS	Brace	0,545827	PMM	DCLD67	1,46122
3541	CATI MAKAS	Brace	0,682598	PMM	DCLD63	1,46122
3548	CATI MAKAS	Brace	0,248904	PMM	DCLD63	0,73061
3549	CATI MAKAS	Column	0,106631	PMM	DCLD63	0
3550	CATI MAKAS	Brace	0,110119	PMM	DCLD68	1,07663
3551	CATI MAKAS	Brace	0,298559	PMM	DCLD62	1,07663
3552	CATI MAKAS	Column	0,067115	PMM	DCLD62	0
3553	CATI MAKAS	Brace	0,16091	PMM	DCLD63	0
3554	CATI MAKAS	Brace	0,553736	PMM	DCLD62	0
3555	CATI MAKAS	Column	0,366779	PMM	DCLD62	0
3556	CATI MAKAS	Brace	0,395409	PMM	DCLD30	0
3557	CATI MAKAS	Column	0,430223	PMM	DCLD62	0
3558	CATI MAKAS	Brace	0,295912	PMM	DCLD67	1,62427
3559	CATI MAKAS	Brace	0,821903	PMM	DCLD62	1,07663

3560	CATI MAKAS	Brace	0,233249	PMM	DCLD34	0
3561	CATI MAKAS	Column	0,429791	PMM	DCLD62	0
3562	CATI MAKAS	Brace	0,411622	PMM	DCLD67	0,73061
3563	CATI MAKAS	Column	0,199314	PMM	DCLD64	0
3564	CATI MAKAS	Column	0,477054	PMM	DCLD62	0
3565	CATI MAKAS	Column	0,776761	PMM	DCLD62	1,11834
3566	CATI MAKAS	Column	0,244285	PMM	DCLD61	1,11834
3567	CATI MAKAS	Column	0,121751	PMM	DCLD62	0,55917
3568	CATI MAKAS	Column	0,126891	PMM	DCLD61	0,55917
3569	CATI MAKAS	Brace	0,726958	PMM	DCLD64	0
3570	CATI MAKAS	Brace	0,437477	PMM	DCLD64	0
3571	CATI MAKAS	Brace	0,528245	PMM	DCLD28	0,82532
3572	CATI MAKAS	Brace	0,690023	PMM	DCLD63	1,65064
3573	CATI MAKAS	Brace	0,469252	PMM	DCLD27	0,73061
3574	CATI MAKAS	Brace	0,732219	PMM	DCLD64	1,46122
3581	CATI MAKAS	Brace	0,139781	PMM	DCLD62	0,73061
3582	CATI MAKAS	Column	0,112454	PMM	DCLD64	0
3583	CATI MAKAS	Brace	0,089111	PMM	DCLD61	1,07663
3584	CATI MAKAS	Brace	0,270669	PMM	DCLD62	0
3585	CATI MAKAS	Column	0,076022	PMM	DCLD61	0
3586	CATI MAKAS	Brace	0,116404	PMM	DCLD63	0
3587	CATI MAKAS	Brace	0,535001	PMM	DCLD66	0
3588	CATI MAKAS	Column	0,365378	PMM	DCLD65	0
3589	CATI MAKAS	Brace	0,359863	PMM	DCLD64	0
3590	CATI MAKAS	Column	0,432771	PMM	DCLD65	0
3591	CATI MAKAS	Brace	0,250538	PMM	DCLD62	0
3592	CATI MAKAS	Brace	0,822213	PMM	DCLD62	1,07663
3593	CATI MAKAS	Brace	0,116391	PMM	DCLD62	1,07663
3594	CATI MAKAS	Column	0,418113	PMM	DCLD62	0
3595	CATI MAKAS	Brace	0,295681	PMM	DCLD62	0
3596	CATI MAKAS	Column	0,106895	PMM	DCLD68	0
3597	CATI MAKAS	Column	0,491705	PMM	DCLD62	0
3598	CATI MAKAS	Column	0,791857	PMM	DCLD62	1,11834
3599	CATI MAKAS	Column	0,252864	PMM	DCLD61	1,11834
3600	CATI MAKAS	Column	0,113933	PMM	DCLD65	0,55917
3601	CATI MAKAS	Column	0,074585	PMM	DCLD61	0,55917
3602	CATI MAKAS	Brace	0,60668	PMM	DCLD62	0
3603	CATI MAKAS	Brace	0,511863	PMM	DCLD63	0
3604	CATI MAKAS	Brace	0,49361	PMM	DCLD28	0,82532
3605	CATI MAKAS	Brace	0,718965	PMM	DCLD61	1,65064
3606	CATI MAKAS	Brace	0,670128	PMM	DCLD63	0
3607	CATI MAKAS	Brace	0,900307	PMM	DCLD64	1,46122
3614	CATI MAKAS	Brace	0,130279	PMM	DCLD64	0,73061
3615	CATI MAKAS	Column	0,130841	PMM	DCLD64	0
3616	CATI MAKAS	Brace	0,067548	PMM	DCLD61	1,07663
3617	CATI MAKAS	Brace	0,252045	PMM	DCLD66	1,07663

3618	CATI MAKAS	Column	0,051805	PMM	DCLD62	0
3619	CATI MAKAS	Brace	0,106778	PMM	DCLD67	0
3620	CATI MAKAS	Brace	0,58622	PMM	DCLD66	0
3621	CATI MAKAS	Column	0,350598	PMM	DCLD66	0
3622	CATI MAKAS	Brace	0,304729	PMM	DCLD61	0
3623	CATI MAKAS	Column	0,447214	PMM	DCLD62	0
3624	CATI MAKAS	Brace	0,278591	PMM	DCLD62	0
3625	CATI MAKAS	Brace	0,82822	PMM	DCLD62	1,07663
3626	CATI MAKAS	Brace	0,106205	PMM	DCLD62	1,07663
3627	CATI MAKAS	Column	0,435848	PMM	DCLD62	0
3628	CATI MAKAS	Brace	0,275456	PMM	DCLD62	0
3629	CATI MAKAS	Column	0,099232	PMM	DCLD63	0
3635	CATI MAKAS	Brace	0,530826	PMM	DCLD64	0
3638	CATI MAKAS	Brace	0,243308	PMM	DCLD62	0
3639	CATI MAKAS	Brace	0,077745	PMM	DCLD67	0
3640	CATI MAKAS	Brace	0,412168	PMM	DCLD67	0,35888
3641	CATI MAKAS	Brace	0,364594	PMM	DCLD64	0
3642	CATI MAKAS	Column	0,017687	PMM	DCLD65	0
3651	CATI MAKAS	Brace	0,576362	PMM	DCLD65	0
3652	CATI MAKAS	Brace	0,097015	PMM	DCLD28	0,51745
3653	CATI MAKAS	Brace	0,3914	PMM	DCLD61	0,35888
3654	CATI MAKAS	Brace	0,428757	PMM	DCLD30	0
3665	CATI MAKAS	Brace	0,391908	PMM	DCLD62	0
3666	CATI MAKAS	Brace	0,076188	PMM	DCLD65	0,51745
3667	CATI MAKAS	Brace	0,351741	PMM	DCLD67	0,35888
3668	CATI MAKAS	Brace	0,591667	PMM	DCLD64	0
3669	CATI MAKAS	Brace	0,194534	PMM	DCLD31	0
3675	CATI MAKAS	Brace	0,679232	PMM	DCLD68	0
3678	CATI MAKAS	Brace	0,273097	PMM	DCLD30	0
3679	CATI MAKAS	Brace	0,097769	PMM	DCLD68	0
3680	CATI MAKAS	Brace	0,366455	PMM	DCLD64	0,35888
3681	CATI MAKAS	Brace	0,329886	PMM	DCLD63	0
3682	CATI MAKAS	Brace	0,069354	PMM	DCLD29	0
3688	CATI MAKAS	Brace	0,355177	PMM	DCLD33	0
3689	CATI MAKAS	Brace	0,171111	PMM	DCLD63	0
3690	CATI MAKAS	Brace	0,055587	PMM	DCLD64	0,51745
3691	CATI MAKAS	Brace	0,321185	PMM	DCLD63	0,35888
3692	CATI MAKAS	Brace	0,250175	PMM	DCLD64	0
3693	CATI MAKAS	Column	0,010864	PMM	DCLD62	0,18639
3696	CATI MAKAS	Brace	0,338667	PMM	DCLD68	0
3697	CATI MAKAS	Brace	0,143036	PMM	DCLD67	0,51745
3698	CATI MAKAS	Brace	0,423793	PMM	DCLD68	0,35888
3699	CATI MAKAS	Brace	0,62766	PMM	DCLD67	0
3702	CATI MAKAS	Brace	0,576176	PMM	DCLD67	0
3703	CATI MAKAS	Brace	0,099992	PMM	DCLD68	0,51745
3704	CATI MAKAS	Brace	0,344878	PMM	DCLD63	0,35888

3705	CATI MAKAS	Brace	0,501617	PMM	DCLD29	0
3706	CATI MAKAS	Brace	0,093299	PMM	DCLD61	0
3708	CATI MAKAS	Brace	0,576679	PMM	DCLD63	0
3709	CATI MAKAS	Brace	0,263639	PMM	DCLD67	0
3710	CATI MAKAS	Brace	0,074857	PMM	DCLD68	0
3711	CATI MAKAS	Brace	0,42025	PMM	DCLD64	0,35888
3712	CATI MAKAS	Brace	0,371556	PMM	DCLD63	0
3713	CATI MAKAS	Brace	0,101538	PMM	DCLD34	0
3786	CATI PANEL	Beam	0,851189	PMM	DCLD33	1,39
3787	CATI PANEL	Beam	0,720643	PMM	DCLD33	1,01
3788	CATI PANEL	Beam	0,932296	PMM	DCLD29	1,2
3789	CATI PANEL	Beam	0,479659	PMM	DCLD67	0
3796	CATI PANEL	Beam	0,906686	PMM	DCLD63	1,01
3798	CATI PANEL	Beam	0,754642	PMM	DCLD67	0
3805	CATI PANEL	Beam	0,883264	PMM	DCLD63	1,01
3807	CATI PANEL	Beam	0,550443	PMM	DCLD65	1,39
3808	CATI PANEL	Beam	0,803183	PMM	DCLD63	0
3813	CATI PANEL	Beam	0,854742	PMM	DCLD33	1,39
3814	CATI PANEL	Beam	0,665066	PMM	DCLD30	0
3815	CATI PANEL	Beam	0,882032	PMM	DCLD63	1,2
3816	CATI PANEL	Beam	0,615676	PMM	DCLD61	1,39
3817	CATI PANEL	Beam	0,601908	PMM	DCLD67	0
3818	CATI PANEL	Beam	0,879591	PMM	DCLD63	0
3823	CATI PANEL	Beam	0,805585	PMM	DCLD29	1,39
3824	CATI PANEL	Beam	0,623078	PMM	DCLD33	1,01
3825	CATI PANEL	Beam	0,496103	PMM	DCLD32	1,01
3826	CATI PANEL	Beam	0,733293	PMM	DCLD64	0
3829	CATI PANEL	Beam	0,834074	PMM	DCLD64	0
3830	CATI PANEL	Beam	0,79083	PMM	DCLD32	1,01
3831	CATI PANEL	Beam	0,481765	PMM	DCLD66	1,01
3832	CATI PANEL	Beam	0,596085	PMM	DCLD62	1,39
3834	CATI PANEL	Beam	0,883283	PMM	DCLD63	1,2
3835	CATI PANEL	Beam	0,726745	PMM	DCLD63	1,2
3836	CATI PANEL	Beam	0,713485	PMM	DCLD63	1,2
3837	CATI PANEL	Beam	0,863286	PMM	DCLD29	1,2
3838	CATI PANEL	Beam	0,553006	PMM	DCLD32	1,39
3839	CATI PANEL	Beam	0,505415	PMM	DCLD63	1,39
3840	CATI PANEL	Beam	0,544098	PMM	DCLD67	1,39
3841	CATI PANEL	Beam	0,845793	PMM	DCLD64	0
3842	CATI PANEL	Beam	0,717371	PMM	DCLD32	1,39
3843	CATI PANEL	Beam	0,564763	PMM	DCLD66	0
3844	CATI PANEL	Beam	0,444513	PMM	DCLD62	0
3845	CATI PANEL	Beam	0,815509	PMM	DCLD29	0
3846	CATI PANEL	Beam	0,780364	PMM	DCLD63	0
3847	CATI PANEL	Beam	0,907256	PMM	DCLD63	0
3848	CATI PANEL	Beam	0,643023	PMM	DCLD63	0

3849	CATI PANEL	Beam	0,437435	PMM	DCLD68	1,39
3850	CATI PANEL	Beam	0,351202	PMM	DCLD63	0
3851	CATI PANEL	Beam	0,3612	PMM	DCLD62	0
3852	CATI PANEL	Beam	0,755469	PMM	DCLD67	0
3855	CATI PANEL	Beam	0,74403	PMM	DCLD63	0
3858	CATI PANEL	Beam	0,884721	PMM	DCLD63	0
3877	CATI PANEL	Beam	0,733392	PMM	DCLD64	0
3882	CATI PANEL	Beam	0,922263	PMM	DCLD68	0
3890	CC140-47-12-1,20mm	Beam	0,30465	PMM	DCLD62	0
3891	CC140-47-12-1,20mm	Beam	0,527012	PMM	DCLD31	0,481
3892	CC140-47-12-1,20mm	Beam	0,541158	PMM	DCLD31	0
3893	CC140-47-12-1,20mm	Beam	0,501133	PMM	DCLD67	0,208
3894	CC140-47-12-1,20mm	Beam	0,720701	PMM	DCLD63	0,124
3895	CC140-47-12-1,20mm	Beam	0,850683	PMM	DCLD63	0
3896	CC140-47-12-1,20mm	Beam	0,62584	PMM	DCLD63	0
3897	CC140-47-12-1,20mm	Beam	0,527817	PMM	DCLD63	0
3898	CC140-47-12-1,20mm	Beam	0,301149	PMM	DCLD63	0
3899	CC140-47-12-1,20mm	Beam	0,411017	PMM	DCLD64	0,247
3900	CC140-47-12-1,20mm	Beam	0,694901	PMM	DCLD41	0
3901	CC140-47-12-1,20mm	Beam	0,401198	PMM	DCLD41	0
3902	CC140-47-12-1,20mm	Beam	0,382055	PMM	DCLD61	0,131
3903	CC140-47-12-1,20mm	Beam	0,439835	PMM	DCLD61	0
3904	CC140-47-12-1,20mm	Beam	0,13508	PMM	DCLD32	0
3905	CC140-47-12-1,20mm	Beam	0,33947	PMM	DCLD8	0,57
3909	CC140-47-12-1,20mm	Beam	0,517241	PMM	DCLD64	0,6
3910	CC140-47-12-1,20mm	Beam	0,793607	PMM	DCLD64	0,22
3911	CC140-47-12-1,20mm	Beam	0,613852	PMM	DCLD63	0
3912	CC140-47-12-1,20mm	Beam	0,564394	PMM	DCLD63	0,05
3913	CC140-47-12-1,20mm	Beam	0,622039	PMM	DCLD64	0
3914	CC140-47-12-1,20mm	Beam	0,494843	Major Shear	DCLD64	0,093
3915	CC140-47-12-1,20mm	Beam	0,624993	PMM	DCLD64	0
3916	CC140-47-12-1,20mm	Beam	0,438467	PMM	DCLD64	0
3917	CC140-47-12-1,20mm	Beam	0,256329	PMM	DCLD63	0,375
3918	CC140-47-12-1,20mm	Beam	0,489339	PMM	DCLD63	0,375
3919	CC140-47-12-1,20mm	Beam	0,742948	PMM	DCLD29	0,1875
3920	CC140-47-12-1,20mm	Beam	0,832574	PMM	DCLD63	0,03
3921	CC140-47-12-1,20mm	Beam	0,844934	PMM	DCLD62	0,701
3922	CC140-47-12-1,20mm	Beam	0,825417	PMM	DCLD63	0,053
3923	CC140-47-12-1,20mm	Beam	0,658113	PMM	DCLD29	0
3924	CC140-47-12-1,20mm	Beam	0,308328	PMM	DCLD63	0
3932	CC140-47-12-1,20mm	Beam	0,942939	PMM	DCLD30	0,6
3934	CC140-47-12-1,20mm	Beam	0,814972	PMM	DCLD34	0,015
3935	CC140-47-12-1,20mm	Beam	0,923603	PMM	DCLD68	0
3936	CC140-47-12-1,20mm	Beam	0,536352	PMM	DCLD63	0,112
3937	CC140-47-12-1,20mm	Beam	0,623183	PMM	DCLD67	0
3938	CC140-47-12-1,20mm	Beam	0,498578	PMM	DCLD64	0

3939	CC140-47-12-1,20mm	Beam	0,758084	PMM	DCLD63	0
3940	CC140-47-12-1,20mm	Beam	0,819192	PMM	DCLD61	0,29
3941	CC140-47-12-1,20mm	Beam	0,93281	PMM	DCLD61	0
3942	CC140-47-12-1,20mm	Beam	0,447744	PMM	DCLD30	0
3943	CC140-47-12-1,20mm	Beam	0,782292	PMM	DCLD30	0,6
3951	CC140-47-12-1,20mm	Beam	0,865748	PMM	DCLD68	0
3954	CC140-47-12-1,20mm	Beam	0,730009	PMM	DCLD30	0,087
3955	CC140-47-12-1,20mm	Beam	0,661481	PMM	DCLD68	0
3960	CC140-47-12-1,20mm	Beam	0,74006	PMM	DCLD64	0,455
3961	CC140-47-12-1,20mm	Beam	0,87789	PMM	DCLD34	0
3962	CC140-47-12-1,20mm	Beam	0,770437	PMM	DCLD62	0
3964	CC140-47-12-1,20mm	Beam	0,907064	PMM	DCLD64	0,022
3965	CC140-47-12-1,20mm	Beam	0,874539	PMM	DCLD34	0
3968	CC140-47-12-1,20mm	Beam	0,771669	PMM	DCLD61	0,1
3971	CC140-47-12-1,20mm	Beam	0,925596	PMM	DCLD61	0,425
3972	CC140-47-12-1,20mm	Beam	0,689835	PMM	DCLD64	0,42
3973	CC140-47-12-1,20mm	Beam	0,427774	PMM	DCLD61	0,205
3975	CC140-47-12-1,20mm	Beam	0,623538	PMM	DCLD27	0
3976	CC140-47-12-1,20mm	Beam	0,604363	PMM	DCLD67	0,13
3977	CC140-47-12-1,20mm	Beam	0,559781	PMM	DCLD61	0
3978	CC140-47-12-1,20mm	Beam	0,788684	PMM	DCLD67	0,27
3980	CC140-47-12-1,20mm	Beam	0,900775	PMM	DCLD63	0,41
3983	CC140-47-12-1,20mm	Beam	0,611262	PMM	DCLD64	0
3987	CC140-47-12-1,20mm	Beam	0,46403	PMM	DCLD61	0
3988	CC140-47-12-1,20mm	Beam	0,764904	PMM	DCLD63	0,13
3989	CC140-47-12-1,20mm	Beam	0,523845	PMM	DCLD61	0
3990	CC140-47-12-1,20mm	Beam	0,464351	PMM	DCLD65	0,27
3991	CC140-47-12-1,20mm	Beam	0,720292	PMM	DCLD67	0
3992	CC140-47-12-1,20mm	Beam	0,477068	PMM	DCLD68	0,41
3993	CC140-47-12-1,20mm	Beam	0,760618	PMM	DCLD67	0
3994	CC140-47-12-1,20mm	Beam	0,729338	PMM	DCLD64	0,55
3996	CC80-47-10-1,00mm	Beam	0,907603	PMM	DCLD28	0
3997	CC80-47-10-1,00mm	Beam	0,607248	PMM	DCLD34	0
3998	CC80-47-10-1,00mm	Beam	0,453982	PMM	DCLD64	0,1875
3999	CC80-47-10-1,00mm	Beam	0,271892	PMM	DCLD61	0
4000	CC80-47-10-1,00mm	Beam	0,228507	Major Shear	DCLD63	0,05
4002	CC80-47-10-1,00mm	Beam	0,874167	PMM	DCLD34	0,625
4004	CC80-47-10-1,00mm	Beam	0,900854	PMM	DCLD63	0
4005	CC80-47-10-1,00mm	Beam	0,885556	PMM	DCLD34	0
4009	CC80-47-10-1,00mm	Beam	0,725498	PMM	DCLD64	0
4010	CC80-47-10-1,00mm	Beam	0,739234	PMM	DCLD30	0
4011	CC80-47-10-1,00mm	Beam	0,194775	PMM	DCLD63	0,625
4013	CATI MAKAS	Beam	0,424741	PMM	DCLD33	0,675
4014	CATI MAKAS	Beam	0,370632	PMM	DCLD32	0
4015	CATI MAKAS	Beam	0,333043	PMM	DCLD33	0,675
4016	CATI MAKAS	Beam	0,63573	PMM	DCLD33	0

4017	CATI MAKAS	Beam	0,7904	PMM	DCLD32	0,675
4018	CATI MAKAS	Beam	0,842575	PMM	DCLD66	0
4022	CATI MAKAS	Beam	0,528207	PMM	DCLD67	0,7625
4023	CATI MAKAS	Beam	0,54641	PMM	DCLD33	0
4024	CATI MAKAS	Beam	0,86047	PMM	DCLD33	0,675
4025	CATI MAKAS	Beam	0,60334	PMM	DCLD32	0
4028	CATI MAKAS	Beam	0,94712	PMM	DCLD65	0
4029	CATI MAKAS	Beam	0,273981	PMM	DCLD68	0
4030	CATI MAKAS	Beam	0,226692	PMM	DCLD61	0,675
4031	CATI MAKAS	Beam	0,273931	PMM	DCLD63	0
4032	CATI MAKAS	Beam	0,207342	PMM	DCLD64	0,675
4034	CATI MAKAS	Beam	0,429648	PMM	DCLD65	0
4035	CATI MAKAS	Beam	0,241933	PMM	DCLD68	0
4036	CATI MAKAS	Beam	0,18055	PMM	DCLD34	0
4037	CATI MAKAS	Beam	0,741627	PMM	DCLD34	0,675
4039	CATI MAKAS	Beam	0,433813	PMM	DCLD31	0
4040	CATI MAKAS	Beam	0,418601	PMM	DCLD31	0,675
4041	CATI MAKAS	Beam	0,587414	PMM	DCLD33	0,675
4042	CATI MAKAS	Beam	0,614234	PMM	DCLD27	0,675
4043	CATI MAKAS	Beam	0,597103	PMM	DCLD27	0
4044	CATI MAKAS	Beam	0,736905	PMM	DCLD35	0
4045	CATI MAKAS	Beam	0,716472	PMM	DCLD33	0
4048	CATI MAKAS	Beam	0,904848	PMM	DCLD67	0,7625
4049	CATI MAKAS	Beam	0,587696	PMM	DCLD27	0
4050	CATI MAKAS	Beam	0,909189	PMM	DCLD33	0,675
4051	CATI MAKAS	Beam	0,34725	PMM	DCLD68	0
4052	CATI MAKAS	Beam	0,558213	PMM	DCLD68	0,7625
4056	CATI MAKAS	Beam	0,331123	PMM	DCLD31	0,675
4057	CATI MAKAS	Beam	0,219315	PMM	DCLD64	0
4058	CATI MAKAS	Beam	0,240914	PMM	DCLD64	0,675
4060	CATI MAKAS	Beam	0,279491	PMM	DCLD34	0
4061	CATI MAKAS	Beam	0,25575	PMM	DCLD63	0
4062	CATI MAKAS	Beam	0,28204	PMM	DCLD63	0,675
4069	CATI MAKAS	Beam	0,839097	PMM	DCLD34	0
4074	CATI MAKAS	Beam	0,594293	PMM	DCLD66	0,675
4075	CATI MAKAS	Beam	0,249207	PMM	DCLD17	0
4089	CATI MAKAS	Beam	0,572209	PMM	DCLD34	0,675
4090	CATI MAKAS	Beam	0,487249	PMM	DCLD34	0,675
4091	CATI MAKAS	Beam	0,536408	PMM	DCLD34	0,675
4092	CATI MAKAS	Beam	0,770361	PMM	DCLD62	0
4095	CATI MAKAS	Beam	0,721014	PMM	DCLD64	0
4096	CATI MAKAS	Beam	0,716166	PMM	DCLD68	0,6525
4098	CATI MAKAS	Beam	0,800952	PMM	DCLD65	0
4099	CATI MAKAS	Beam	0,495835	PMM	DCLD66	0,675
4100	CATI MAKAS	Beam	0,219969	PMM	DCLD61	0,675
4102	CATI MAKAS	Beam	0,442083	PMM	DCLD16	0

4103	CATI MAKAS	Beam	0,24648	PMM	DCLD63	0
4104	CATI MAKAS	Beam	0,297789	PMM	DCLD16	0,675
4105	CATI MAKAS	Beam	0,30463	PMM	DCLD16	0,675
4106	CATI MAKAS	Beam	0,651278	PMM	DCLD65	0
4109	CATI MAKAS	Beam	0,936628	PMM	DCLD68	0
4110	CATI MAKAS	Beam	0,643796	PMM	DCLD68	0,6525
4112	CATI MAKAS	Beam	0,850732	PMM	DCLD65	0
4113	CATI MAKAS	Beam	0,497031	PMM	DCLD66	0,675
4114	CATI MAKAS	Beam	0,211034	PMM	DCLD62	0,675
4115	CATI MAKAS	Beam	0,516719	PMM	DCLD31	0,675
4117	CATI MAKAS	Beam	0,860359	PMM	DCLD15	0,675
4118	CATI MAKAS	Beam	0,921395	PMM	DCLD15	0,675
4122	CATI MAKAS	Beam	0,596544	PMM	DCLD67	0
4123	CATI MAKAS	Beam	0,469521	PMM	DCLD67	0
4124	CATI MAKAS	Beam	0,48742	PMM	DCLD65	0,6525
4126	CATI MAKAS	Beam	0,805937	PMM	DCLD65	0
4127	CATI MAKAS	Beam	0,506772	PMM	DCLD32	0,675
4128	CATI MAKAS	Beam	0,273826	PMM	DCLD33	0
4129	CATI MAKAS	Beam	0,461118	PMM	DCLD33	0,675
4130	CATI MAKAS	Beam	0,547656	PMM	DCLD28	0
4131	CATI MAKAS	Beam	0,214311	PMM	DCLD62	0
4132	CATI MAKAS	Beam	0,447291	PMM	DCLD64	0,45
4134	CATI MAKAS	Beam	0,429687	PMM	DCLD31	0
4137	CATI MAKAS	Beam	0,334963	PMM	DCLD31	0,45
4138	CATI MAKAS	Beam	0,76167	PMM	DCLD33	0,45
4139	CATI MAKAS	Beam	0,7744	PMM	DCLD68	0
4140	CATI MAKAS	Beam	0,231023	PMM	DCLD63	0
4141	CATI MAKAS	Beam	0,798661	PMM	DCLD63	0,45
4142	CATI MAKAS	Beam	0,417725	PMM	DCLD63	0
4143	CATI MAKAS	Beam	0,177041	PMM	DCLD36	0
4144	CATI MAKAS	Beam	0,454844	PMM	DCLD64	0,45
4145	CATI MAKAS	Beam	0,699563	PMM	DCLD29	0
4146	CATI MAKAS	Beam	0,238103	PMM	DCLD67	0
4148	CATI MAKAS	Beam	0,850563	PMM	DCLD67	0
4149	CATI MAKAS	Beam	0,265299	PMM	DCLD33	0
4151	CATI MAKAS	Beam	0,674248	PMM	DCLD33	0
4152	CATI MAKAS	Beam	0,288903	PMM	DCLD63	0
4153	CATI MAKAS	Beam	0,738484	PMM	DCLD34	0,45
25	CC80-47-10-1,50mm	Beam	0,452095	PMM	DCLD33	0
27	CC80-47-10-1,50mm	Beam	0,44088	PMM	DCLD64	0
28	CC80-47-10-1,50mm	Beam	0,207319	PMM	DCLD43	0,2125
29	CC80-47-10-1,50mm	Beam	0,412791	PMM	DCLD64	0
30	CC80-47-10-1,50mm	Beam	0,37808	PMM	DCLD64	0,7
31	CC80-47-10-1,50mm	Beam	0,437976	PMM	DCLD64	0,6
32	CC80-47-10-1,50mm	Beam	0,761303	PMM	DCLD64	0,6
34	CC80-47-10-1,50mm	Beam	0,619059	PMM	DCLD63	0,15

35	CC80-47-10-1,50mm	Beam	0,939133	PMM	DCLD64	0
36	CC80-47-10-1,50mm	Beam	0,506298	PMM	DCLD64	0,6
37	CC80-47-10-1,50mm	Beam	0,377907	PMM	DCLD43	0
48	CC80-47-10-1,50mm	Beam	0,504041	PMM	DCLD64	0
49	CC80-47-10-1,50mm	Beam	0,462666	PMM	DCLD64	0,7
50	CC80-47-10-1,50mm	Beam	0,453993	PMM	DCLD64	0
144	CC80-47-10-1,20mm	Beam	0,574651	PMM	DCLD33	0
145	CC80-47-10-1,20mm	Beam	0,466151	PMM	DCLD63	0
153	CC80-47-10-1,20mm	Beam	0,183651	PMM	DCLD63	0
154	CC80-47-10-1,20mm	Beam	0,4465	PMM	DCLD63	0
175	CC80-47-10-1,20mm	Beam	0,378563	PMM	DCLD64	0,7
182	CC80-47-10-1,20mm	Beam	0,444255	PMM	DCLD64	0,6
203	CC80-47-10-1,20mm	Beam	0,426563	PMM	DCLD63	0,6
204	CC80-47-10-1,20mm	Beam	0,000357	PMM	DCLD28	0
213	CC80-47-10-1,20mm	Beam	0,642317	PMM	DCLD64	0,6
215	CC80-47-10-1,20mm	Beam	0,362468	PMM	DCLD34	0
216	CC80-47-10-1,20mm	Beam	0,62246	PMM	DCLD34	0
217	CC80-47-10-1,20mm	Beam	0,512313	PMM	DCLD33	0,7
218	CC80-47-10-1,20mm	Beam	0,502469	PMM	DCLD63	0
225	CC80-47-10-1,20mm	Beam	0,932394	PMM	DCLD63	0,6
226	CC80-47-10-1,20mm	Beam	0,000311	PMM	DCLD32	0
238	CC80-47-10-1,00mm	Beam	0,594092	PMM	DCLD64	0,6875
240	CC80-47-10-1,00mm	Beam	0,636182	PMM	DCLD30	0
242	CC80-47-10-1,00mm	Beam	0,297328	PMM	DCLD30	0
244	CC80-47-10-1,00mm	Beam	0,515484	PMM	DCLD64	0
246	CC80-47-10-1,00mm	Beam	0,593113	PMM	DCLD64	0,7
248	CC80-47-10-1,00mm	Beam	0,757669	PMM	DCLD64	0,6
250	CC80-47-10-1,00mm	Beam	0,839771	PMM	DCLD34	0
252	CC80-47-10-1,00mm	Beam	0,691534	PMM	DCLD64	0,6
253	CC80-47-10-1,00mm	Beam	0,409982	PMM	DCLD34	0
254	CC80-47-10-1,00mm	Beam	0,662998	PMM	DCLD34	0
256	CC80-47-10-1,00mm	Beam	0,580919	PMM	DCLD33	0,7
257	CC80-47-10-1,00mm	Beam	0,578027	PMM	DCLD33	0,6
258	CC80-47-10-1,00mm	Beam	0,902819	PMM	DCLD63	0,6
259	CC80-47-10-1,00mm	Beam	0,000429	PMM	DCLD62	0
260	CC80-47-10-1,00mm	Beam	0,908862	PMM	DCLD63	0,15
261	CC80-47-10-1,00mm	Beam	0,889468	PMM	DCLD33	0
262	CC80-47-10-1,00mm	Beam	0,655387	PMM	DCLD33	0
264	CC80-47-10-1,00mm	Beam	0,437739	PMM	DCLD33	0
267	CC80-47-10-1,00mm	Beam	0,362229	PMM	DCLD33	0,6
268	CC80-47-10-1,00mm	Beam	0,223631	PMM	DCLD33	0,2125
270	CC80-47-10-1,00mm	Beam	0,401853	PMM	DCLD67	0,6
271	CC80-47-10-1,00mm	Beam	0,774159	PMM	DCLD33	0,6875
285	CC80-47-10-1,50mm	Beam	0,884791	PMM	DCLD62	0,2475
317	CC80-47-10-1,50mm	Beam	0,774376	PMM	DCLD64	0,2125
333	CC80-47-10-1,50mm	Beam	0,498695	PMM	DCLD39	0

336	CC80-47-10-1,50mm	Beam	0,621435	PMM	DCLD44	0,6525
338	CC80-47-10-1,50mm	Beam	0,825962	PMM	DCLD34	0
339	CC80-47-10-1,50mm	Beam	0,407443	PMM	DCLD44	0,2475
438	CC80-47-10-1,20mm	Beam	0,570873	PMM	DCLD68	0,15
439	CC80-47-10-1,20mm	Beam	0,736187	PMM	DCLD34	0
440	CC80-47-10-1,20mm	Beam	0,667393	PMM	DCLD64	0
441	CC80-47-10-1,20mm	Beam	0,513497	PMM	DCLD64	0
443	CC80-47-10-1,20mm	Beam	0,414185	PMM	DCLD30	0,6
444	CC80-47-10-1,20mm	Beam	0,220554	PMM	DCLD64	0
445	CC80-47-10-1,20mm	Beam	0,416517	PMM	DCLD64	0
446	CC80-47-10-1,20mm	Beam	0,413575	PMM	DCLD64	0
447	CC80-47-10-1,20mm	Beam	0,666786	PMM	DCLD64	0,6775
448	CC80-47-10-1,20mm	Beam	0,768833	PMM	DCLD63	0
475	CC80-47-10-1,20mm	Beam	0,92546	PMM	DCLD34	0
500	CC80-47-10-1,20mm	Beam	0,870304	PMM	DCLD63	0,2475
501	CC80-47-10-1,20mm	Beam	0,732398	PMM	DCLD64	0
502	CC80-47-10-1,20mm	Beam	0,442224	PMM	DCLD63	0
503	CC80-47-10-1,20mm	Beam	0,458221	PMM	DCLD33	0,6
504	CC80-47-10-1,20mm	Beam	0,269201	PMM	DCLD67	0
506	CC80-47-10-1,20mm	Beam	0,451882	PMM	DCLD67	0
509	CC80-47-10-1,20mm	Beam	0,458499	PMM	DCLD33	0,7
510	CC80-47-10-1,20mm	Beam	0,504581	PMM	DCLD33	0,6
511	CC80-47-10-1,20mm	Beam	0,589691	PMM	DCLD67	0,6
512	CC80-47-10-1,20mm	Beam	0,279459	PMM	DCLD63	0
619	CC80-47-10-1,00mm	Beam	0,000477	PMM	DCLD65	0,15
620	CC80-47-10-1,00mm	Beam	0,401414	PMM	DCLD63	0,6
621	CC80-47-10-1,00mm	Beam	0,506006	PMM	DCLD64	0
622	CC80-47-10-1,00mm	Beam	0,37986	PMM	DCLD29	0
623	CC80-47-10-1,00mm	Beam	0,296108	PMM	DCLD29	0,6
624	CC80-47-10-1,00mm	Beam	0,167343	PMM	DCLD29	0,2125
626	CC80-47-10-1,00mm	Beam	0,312972	PMM	DCLD29	0,6
627	CC80-47-10-1,00mm	Beam	0,346286	PMM	DCLD33	0,6
628	CC80-47-10-1,00mm	Beam	0,624434	PMM	DCLD64	0,6775
671	CC80-47-10-1,00mm	Beam	0,906762	PMM	DCLD30	0
672	CC80-47-10-1,00mm	Beam	0,86855	PMM	DCLD63	0,2475
674	CC80-47-10-1,00mm	Beam	0,671222	PMM	DCLD64	0
675	CC80-47-10-1,00mm	Beam	0,420346	PMM	DCLD34	0
676	CC80-47-10-1,00mm	Beam	0,371363	PMM	DCLD64	0,6
677	CC80-47-10-1,00mm	Beam	0,193342	PMM	DCLD63	0,2125
679	CC80-47-10-1,00mm	Beam	0,364871	PMM	DCLD63	0
680	CC80-47-10-1,00mm	Beam	0,411283	PMM	DCLD29	0,7
681	CC80-47-10-1,00mm	Beam	0,390653	PMM	DCLD63	0
682	CC80-47-10-1,00mm	Beam	0,47293	PMM	DCLD63	0,6
683	CC80-47-10-1,00mm	Beam	0,00043	PMM	DCLD62	0
691	CC80-47-10-1,00mm	Beam	0,791509	PMM	DCLD63	0,15
692	CC80-47-10-1,00mm	Beam	0,724449	PMM	DCLD33	0

693	CC80-47-10-1,00mm	Beam	0,439229	PMM	DCLD33	0
694	CC80-47-10-1,00mm	Beam	0,323843	PMM	DCLD33	0
695	CC80-47-10-1,00mm	Beam	0,205018	PMM	DCLD33	0,6
697	CC80-47-10-1,00mm	Beam	0,16869	PMM	DCLD64	0,2125
698	CC80-47-10-1,00mm	Beam	0,212169	PMM	DCLD29	0,6
699	CC80-47-10-1,00mm	Beam	0,258231	PMM	DCLD33	0,6
700	CC80-47-10-1,00mm	Beam	0,535746	PMM	DCLD62	0,6775

STATİK RAPOR ÖRNEK

8. YAPI DİZAYN YÖNETMELİĞİ:

Cold-Formed Steel Frame Design Preferences for AISI-ASD96

Item	Value
1 Design Code	AISI-ASD96
2 Multi-Response Case Design	Envelopes
3 Framing Type	Braced Frame
4 Demand/Capacity Ratio Limit	1,
5 Omega Bending Stiffened	1,67
6 Omega Bending Unstiffened	1,67
7 Omega Bending LTB	1,67
8 Omega Shear Slender	1,67
9 Omega Shear Nonslender	1,5
10 Omega Axial Tension	1,67
11 Omega Axial Compression	1,8

Item Description

Explanation of Color Coding for Values

Blue: Default Value

Black: Not a Default Value

Red: Value that has changed during the current session

Set To Default Values

All Items Selected Items

Reset To Previous Values

All Items Selected Items

Steel Frame Design Preferences for AISC 360-10

Item	Value
1 Design Code	AISC 360-10
2 Multi-Response Case Design	Envelopes
3 Framing Type	SMF
4 Seismic Design Category	D
5 Importance Factor	1,
6 Design System Rho	1,
7 Design System Sds	0,5
8 Design System R	3,
9 Design System Omega0	2,
10 Design System Cd	5,5
11 Design Provision	LRFD
12 Analysis Method	Effective Length
13 Second Order Method	General 2nd Order
14 Stiffness Reduction Method	Tau-b Fixed
15 Phi(Bending)	0,9
16 Phi(Compression)	0,9
17 Phi(Tension-Yielding)	0,9
18 Phi(Tension-Fracture)	0,75
19 Phi(Shear)	0,9
20 Phi(Shear-Short Webed Rolled I)	1,
21 Phi(Torsion)	0,9
22 Ignore Seismic Code?	Yes
23 Ignore Special Seismic Load?	Yes

Item Description

Explanation of Color Coding for Values

Blue: Default Value

Black: Not a Default Value

Red: Value that has changed during the current session

Set To Default Values

All Items Selected Items

Reset To Previous Values

All Items Selected Items

9. SEHİM DEFORMASYONU HESABI :

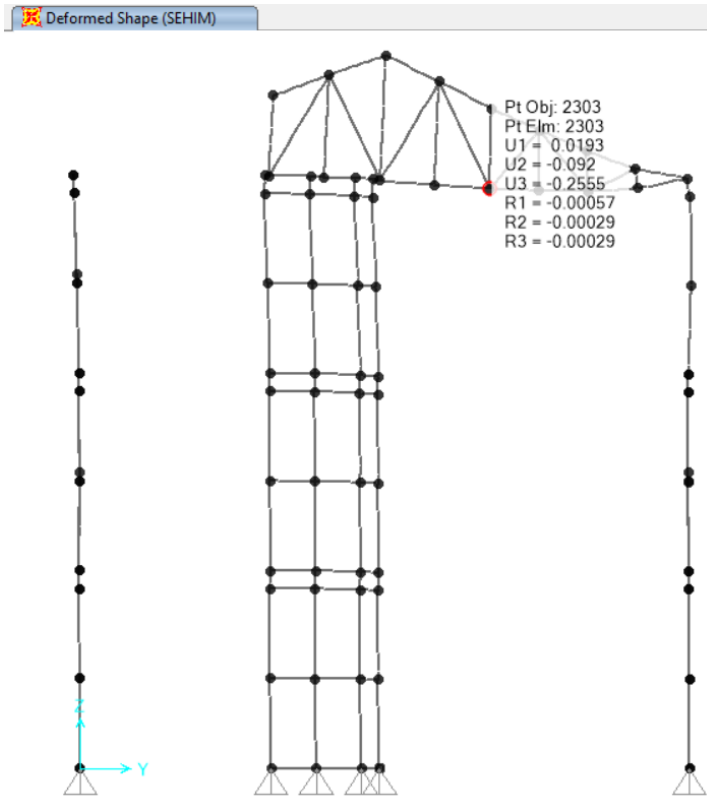
Sehim Kriterleri :

- Kolon başı (her iki yönde) hkolon/250
- Kiriş ve aşıklar (her iki yönde) lkiriş/300
- Konsol (düşeyde) lKonsol/200
- Konsol sonu (yatayda) lKonsol/100

Sehim Kombinasyonu :

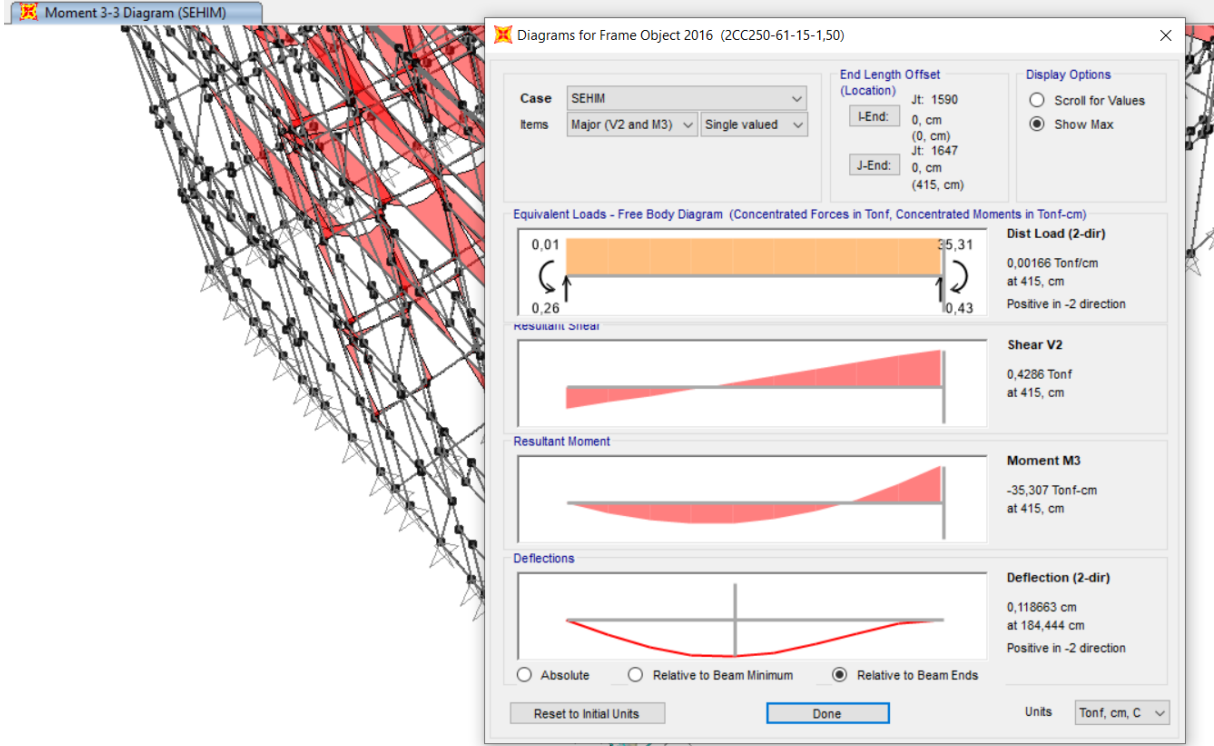
TABLE: Combination Definitions					
ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor
Text	Text	Yes/No	Text	Text	Unitless
SEHİM	Linear Add	No	Linear Static	CATI KAPLAMA	1
SEHİM			Linear Static	DEAD	1
SEHİM			Linear Static	KAR	1

Makas Elemanlarında Sehim Kontrolü



$$4090\text{mm} / 300 = 13,62 \text{ mm} > 2,50\text{mm}$$

Döşeme Elemanlarında Şehim Kontrolü

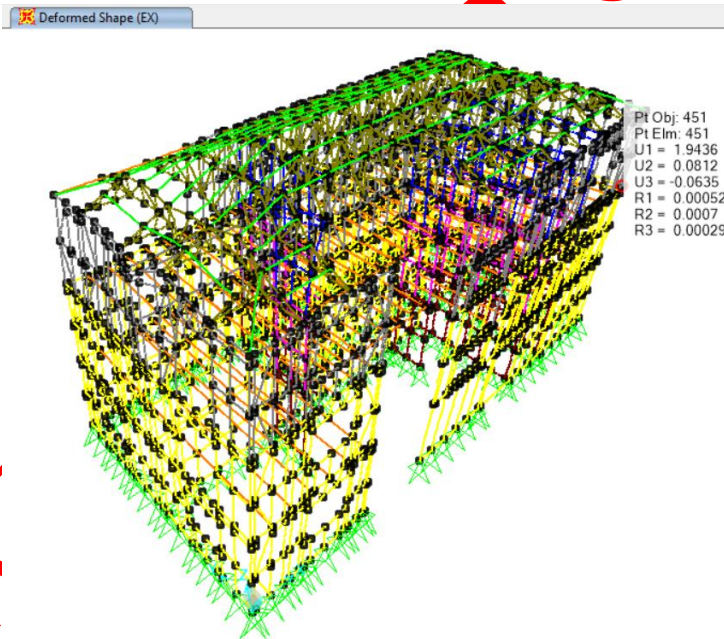
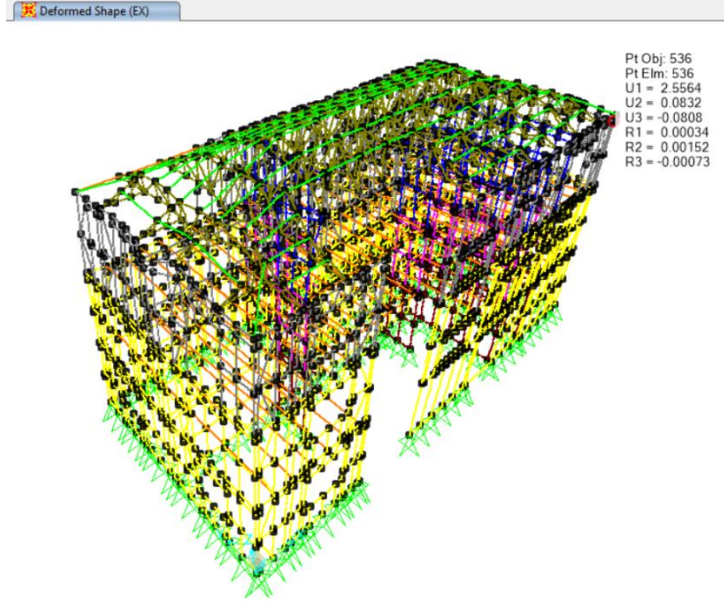


$$4150\text{mm} / 300 = 13,83 \text{ mm} > 1,10\text{mm}$$

STATİK RAPORU

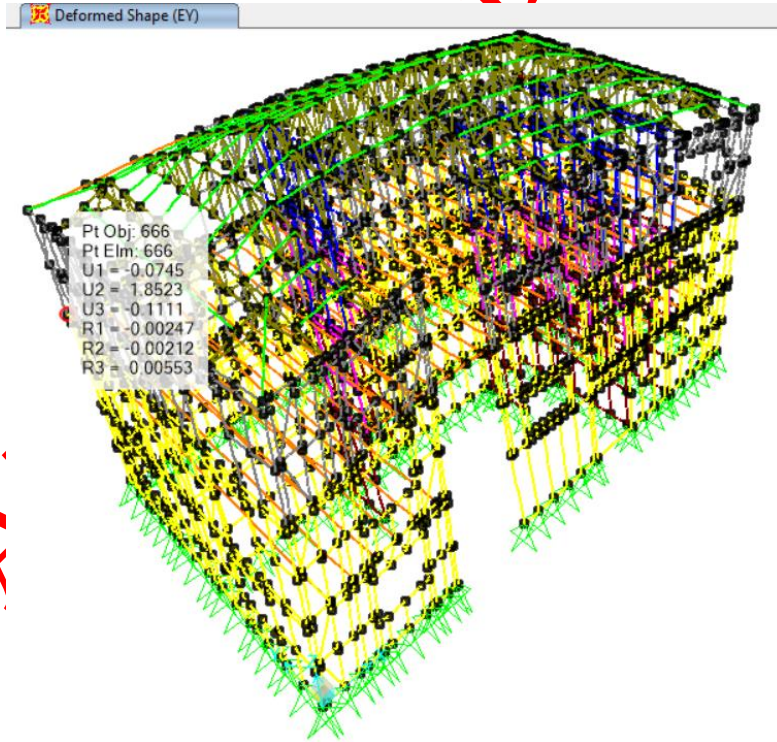
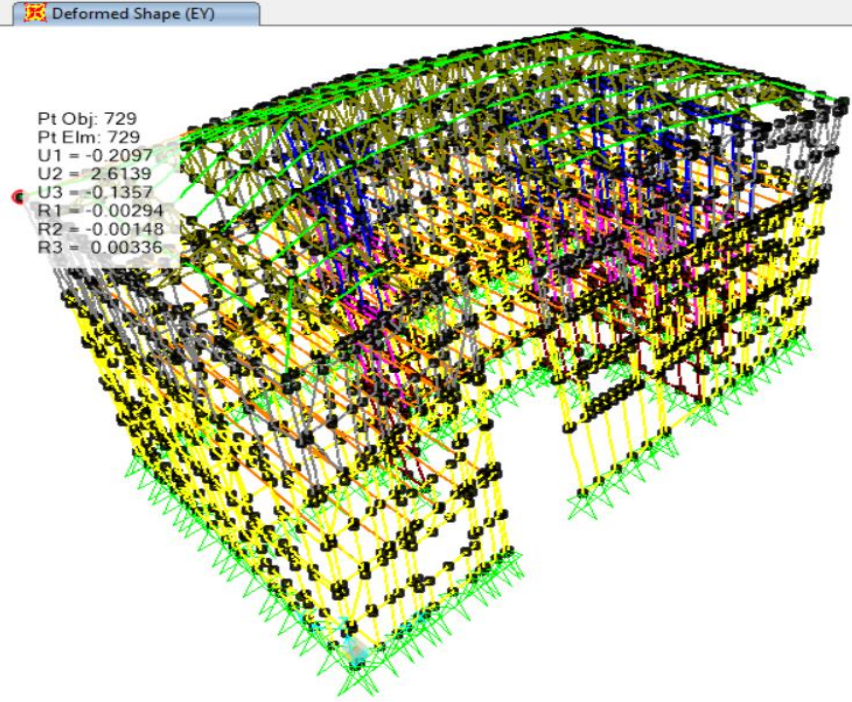
10. GÖRELİ KAT ÖTELEME HESABI :

X YÖNÜNDE KONTROL



KOT	DÜĞ. NOK	YÜK DURUMU	u_{ix}	u_{i-1x}	h_i	Δ_{ix}	$\delta_{ix} = (R/I) \cdot \Delta_{ix}$	δ_{ix}/h_i	λ	$\lambda \frac{\delta_{i,max}^{(X)}}{h_i}$	$\lambda \frac{\delta_{i,max}^{(X)}}{h_i} \leq 0.016 \kappa$
			cm	cm	cm	cm	cm	cm		cm	< 0,008
		Ex	2,55	1,94	275	0,61	1,83	0,007	0,425	0,00283	✓

Y YÖNÜNDE KONTROL



R	3	SDS (DD-3)	0,379								
I	1	SDS (DD-2)	0,891		$\lambda = 0,425365$			$\kappa =$		0,5 (steel)	
(R/I)	3										
KOT	DÜĞ. NOK	YÜK DURUMU	u_{iy}	u_{i-1y}	h_i	Δ_{iy}	$\delta_{iy} = (R/I) * \Delta_{iy}$	δ_{iy}/h_i	λ	$\lambda \frac{\delta_{i,max}^{(X)}}{h_i}$	$\lambda \frac{\delta_{i,max}^{(X)}}{h_i} \leq 0.016 \kappa$
			cm	cm	cm	cm	cm	cm		cm	< 0,008
		Ey	2,61	1,85	275	0,76	2,28	0,008	0,425	0,00352	v