

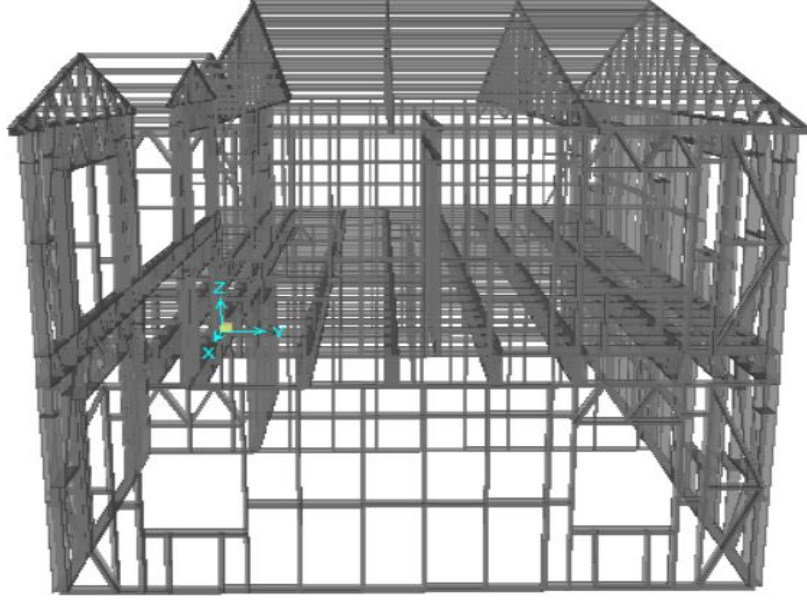
STATİK

Semih Nayir Konut Projesi

(İki Katlı Hafif Çelik Bina)

STATİK HESAP RAPORU

STATİK RAPORU



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
- 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 :

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

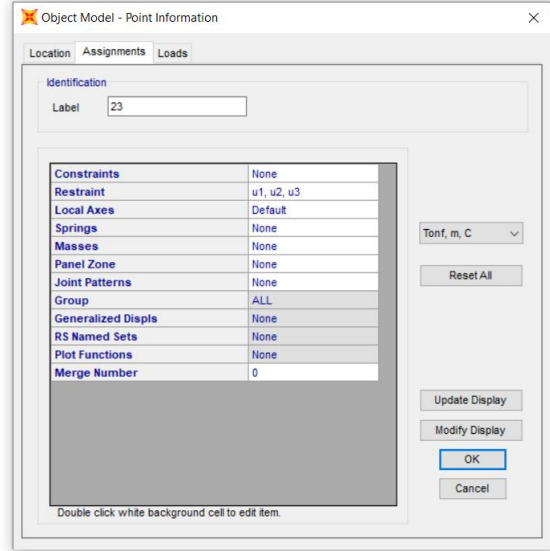
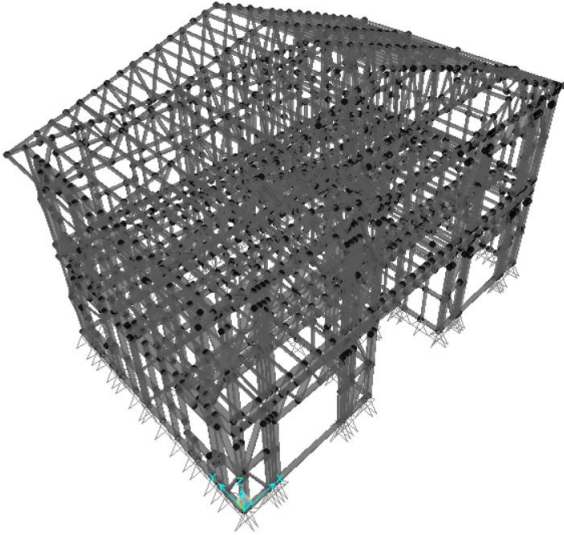
Yapı Bursa İlinde Osmangazi ilçesinde Nilüfer mahallesinde kurulacaktır.

Yapıyı oluşturan elemanlar statik olarak perde gibi davrandığından raporun ilerleyen safhalarında da görüleceği üzere temel tasarımı yapılırken zımbalama tahkikine 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.

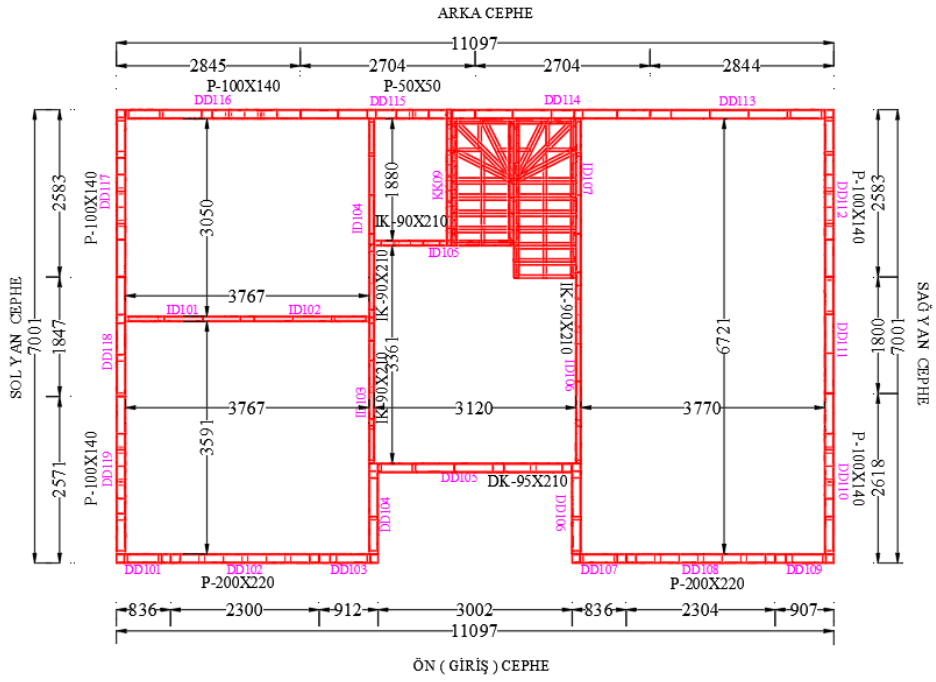
Sehim Kriterleri :

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

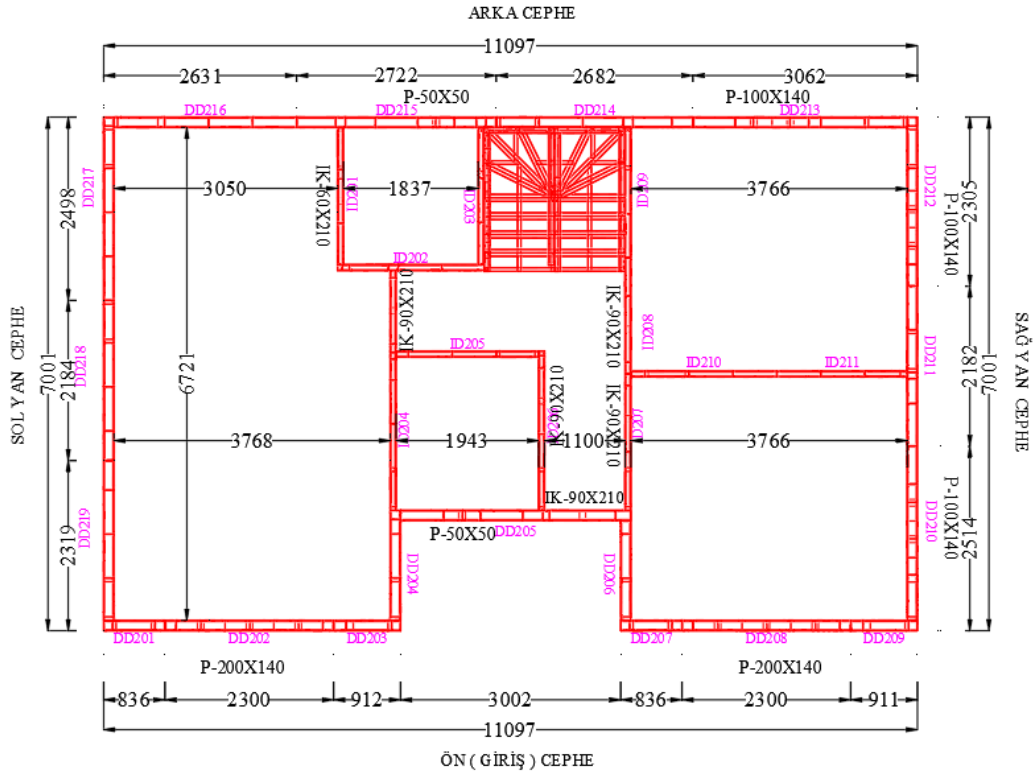
Sistem Kolon Mesnetlenme Şekli :



Mimari Plan Görünüşleri

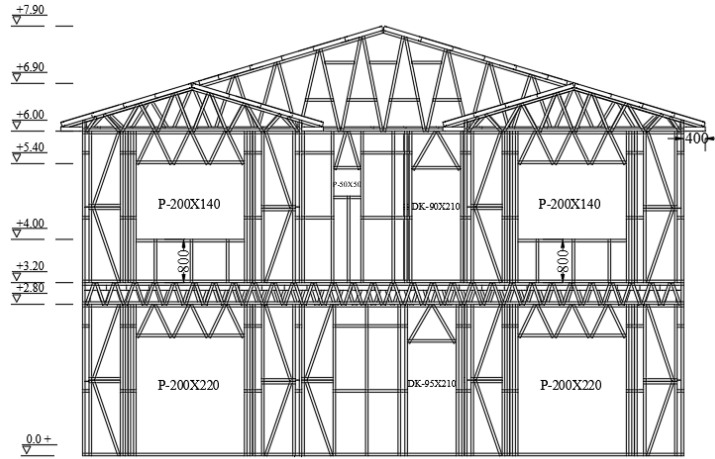


ZEMİN KAT PLANI

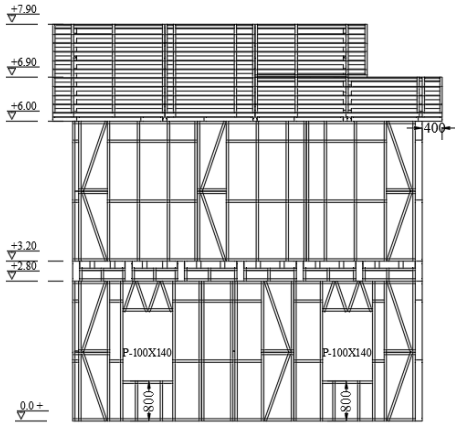


ZEMİN +1 KAT PLANI

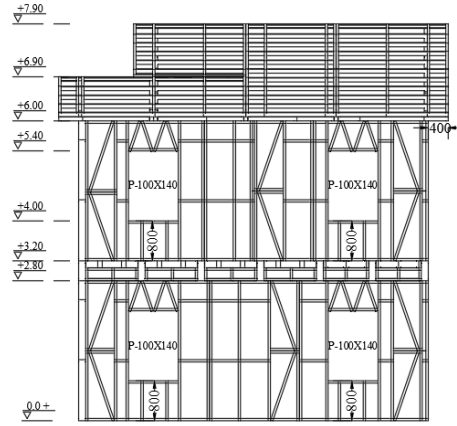
Hafif Çelik Cephe Görünüşleri



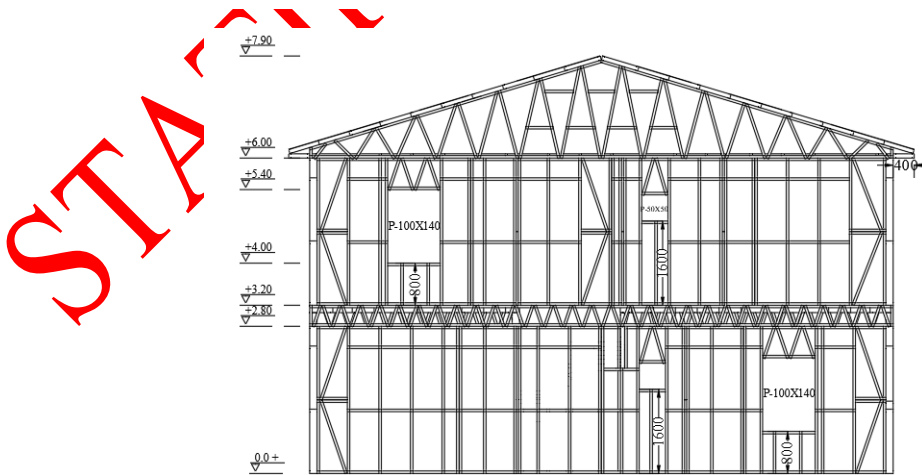
ÖN CEPHE
GÖRÜNÜŞÜ



SOL CEPHE
GÖRÜNÜŞÜ



SAĞ CEPHE
GÖRÜNÜŞÜ



ARKA CEPHE
GÖRÜNÜŞÜ

Yapı kısa doğrultuda : 7,001m

Yapı uzun doğrultuda : 11,097m

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

Çelik Malzemelerin Akma Gerilmeleri, Elastisite ve Kayma Modülleri					
	1	2	3	4	5
	Malzeme	Akma Sınırlarında Gerilme kg/cm2	Basınç ve Çekme için Elastisite Modülü, E kg/cm2	Kayma Modülü, G kg/cm2	Lineer Sıcaklık Geçirgenlik Sayısı, α cm/cm °C
2	Çelik St 37	2400	21000000	810000	0.000012
4	Çelik St 52	3600			

Duvar, Kolon, Kiriş ve Makas Malzemeleri : **S235JR** olarak tasarlanmıştır.

Yapı Elemanlarında Enmüyet 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 Çekme, eğilme çekme ve burkulma	1200	1400	1400	1600	2100	2400	1700	1950
2	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)		5.6 (5D)	
Ana Malzeme	4.6 (4D)		5.6 (5D)		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
Yükleme Hali				
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		Birleştirilen Yapı Elemanlarının Malzemeleri			
		St 37		St 52	
		Yükleme Hali			
Çeşidi	Öngerilme	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 $\epsilon = 0,2$ 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 :

Çatı Yük Analizi :

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

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

Kar.....= **0,075 t/m²**

Hareketli Yük.....= **0,200t/m²**

Ara kat Kaplama Yüğü.....= **0,050t/m²**

Kar Yüğü Çatı Eğiminden Dolayı azaltılacaktır.

ÇİZELGE 3 - Çatı Eğimine (α) Bağlı Olarak Azaltma Değeri (m)

α	0°	1°	2°	3°	4°	5°	6°	7°	8°	9°
0-30°	1,0									
30°	1,00	0,97	0,95	0,92	0,90	0,87	0,85	0,82	0,80	0,77
40°	0,75	0,72	0,70	0,67	0,65	0,62	0,60	0,57	0,55	0,52
50°	0,50	0,47	0,45	0,42	0,40	0,37	0,35	0,32	0,30	0,27
60°	0,25	0,22	0,20	0,17	0,15	0,12	0,10	0,07	0,05	0,02
70° - 90°										

Açı : 45 derece, Dolasıyla kar yüğü : 0,120 ton/m²

3.2 Rüzgar Yükleri :

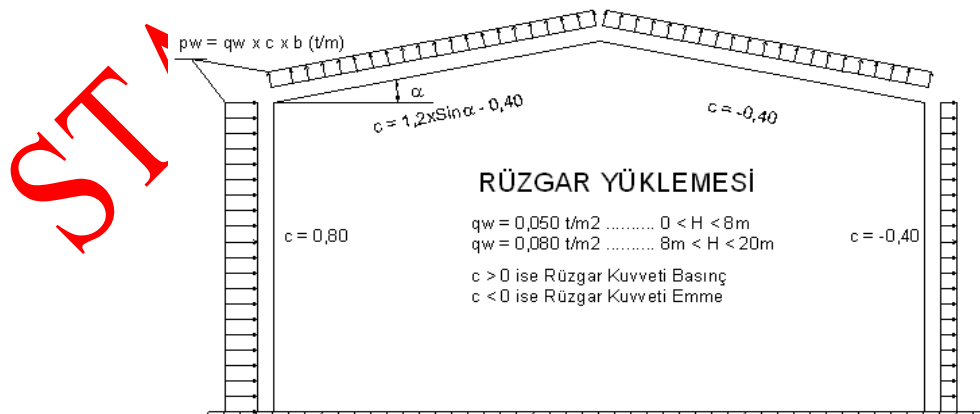
TS 498 standardına göre yüksekliğe bağlı olarak emme:

0 m - 8 m

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

8 m – 20 m

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

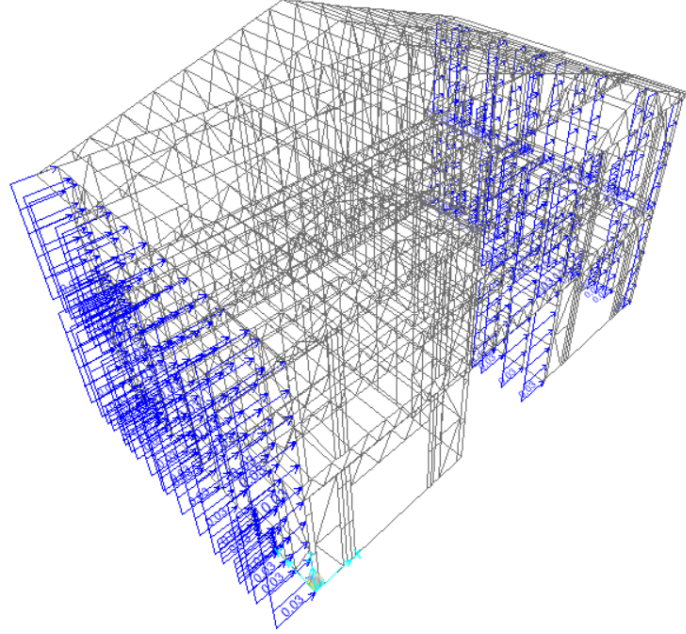


Rüzgar yüğü olarak metrekareye 50 kg/m^2 alınmıştır.(TSE498)

Rüzgar Yüklerinin Yapıya Etki Ettirilmesi :

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

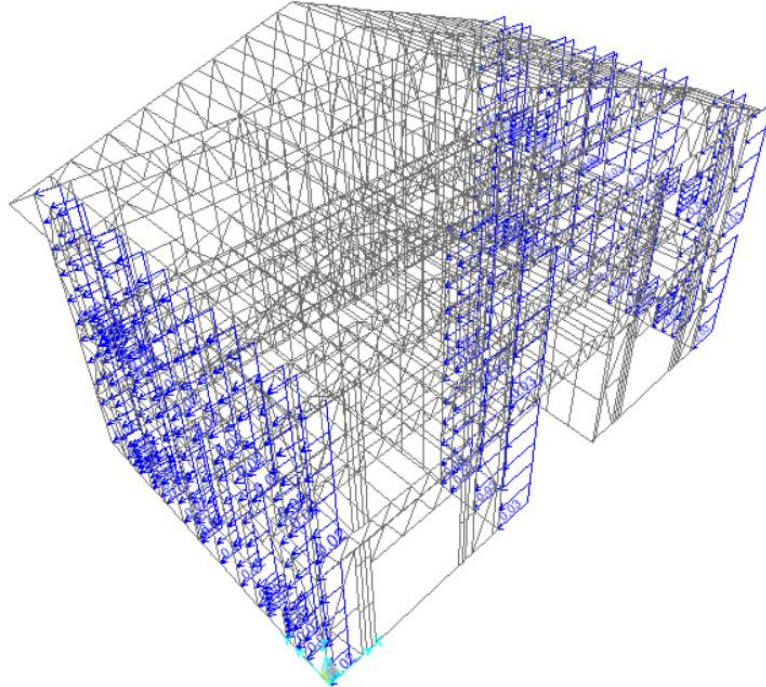
Frame Span Loads (RXP) (GLOBAL CSys)



YÜK

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

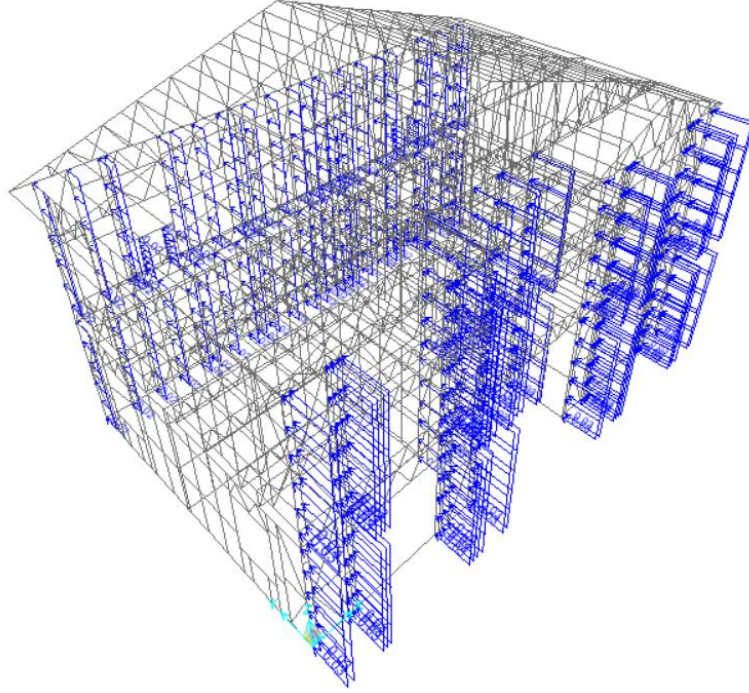
Frame Span Loads (RXN) (GLOBAL CSys)



S

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

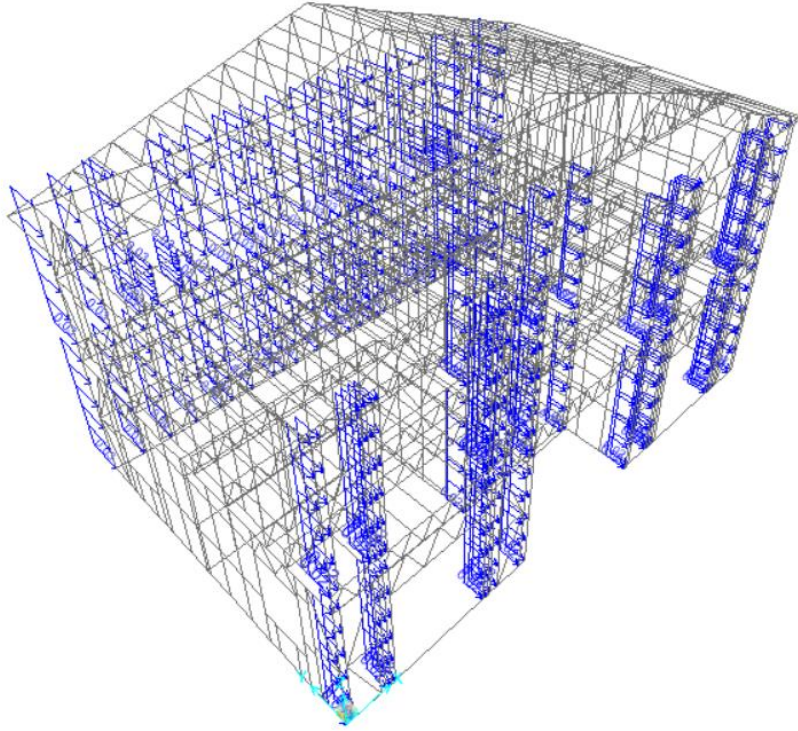
Frame Span Loads (RYP) (GLOBAL CSys)



EK

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	-4,398	2,006E-14	8,557E-14	2,337E-14	-12,9444	13,74907
RXN	LinStatic	4,38	-1,982E-14	-9,659E-14	-7,144E-14	12,972	-13,72138
RYP	LinStatic	-1,352E-12	-7,392	-6,226E-14	22,4304	-3,593E-12	-41,75876
RYN	LinStatic	1,298E-12	6,9	5,46E-14	-20,7336	3,51E-12	39,24575

STATİK RAPOR ÖRNEK

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)

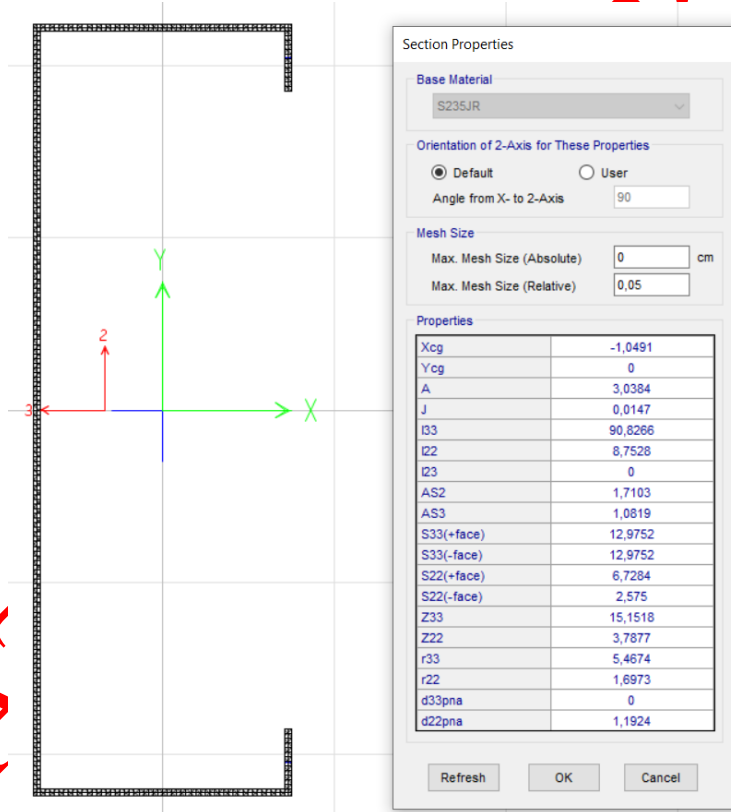
S22 : Kesit 2 yönü atalet Mukavemet Momenti (cm³)

r33 : Kesit 3 yönü atalet yarıçapı (cm)

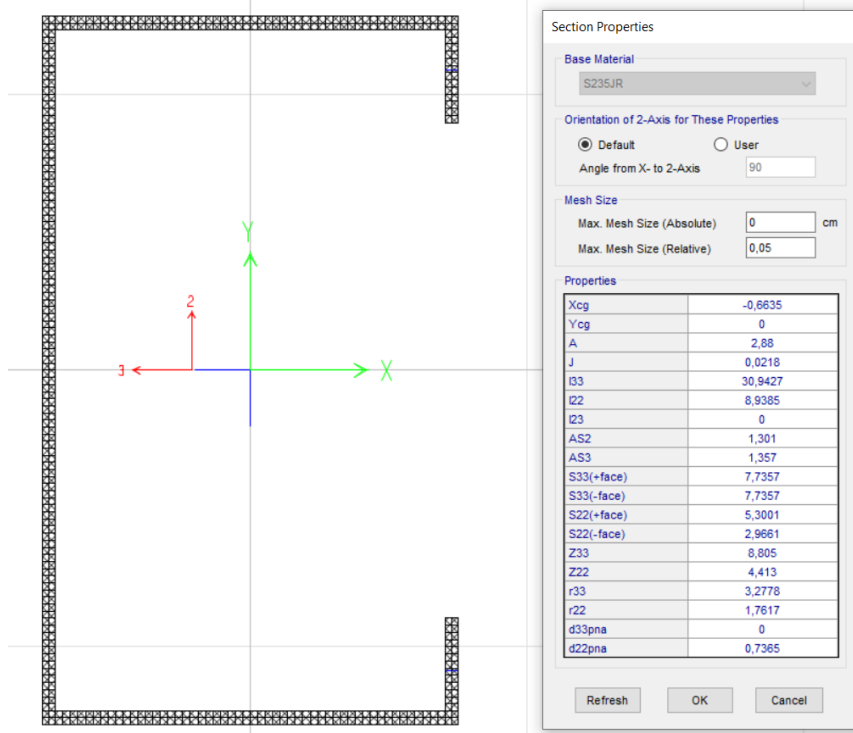
r22 : Kesit 2 yönü atalet yarıçapı (cm)

SAP2000 HESAP PROGRAMINDA TAHKİKİ YAPILAN KESİTLER

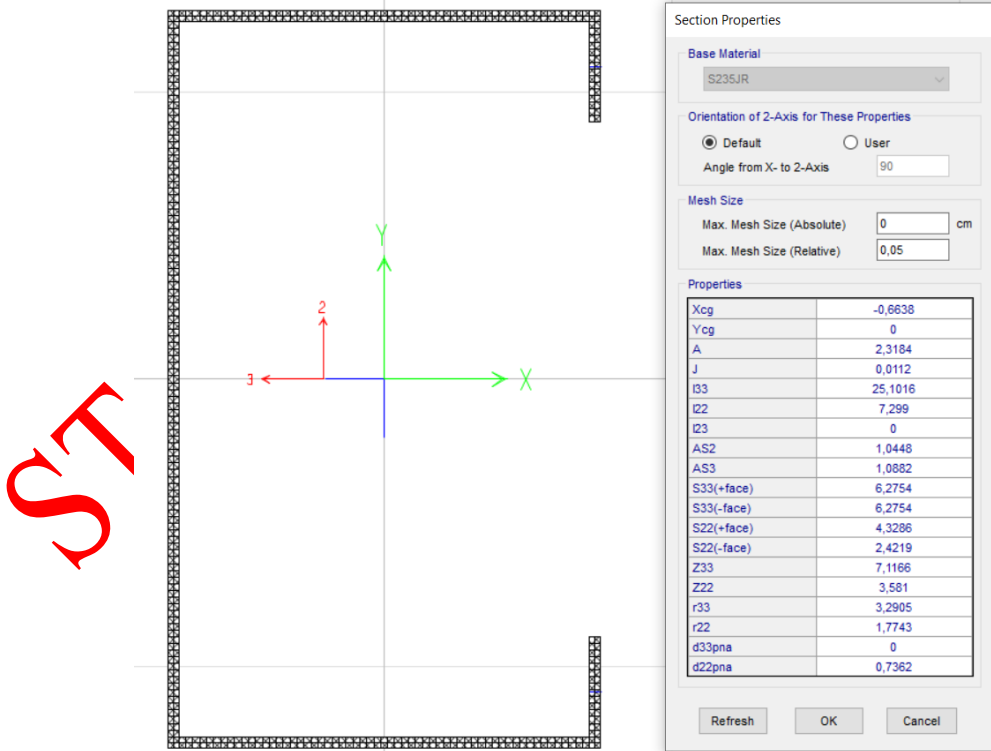
4.1 C140-1.20mm Alt Dış Duvar Panel Profilleri, Arakat Profilleri (malzeme ST37 kalitesindedir.)



4.2 C80-1.00mm Çatı Panelleri , Çatı Makasları, 1. Kat İç Duvarları, Tavan Profilleri (malzeme ST37 kalitesindedir.)



4.3 C80-1.20mm Alt İç Duvar Panel Profilleri (malzeme ST37 kalitesindedir.)



4.4 C140-1.00mm 1. Kat Dış Duvar Panel Profilleri (malzeme ST37 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:

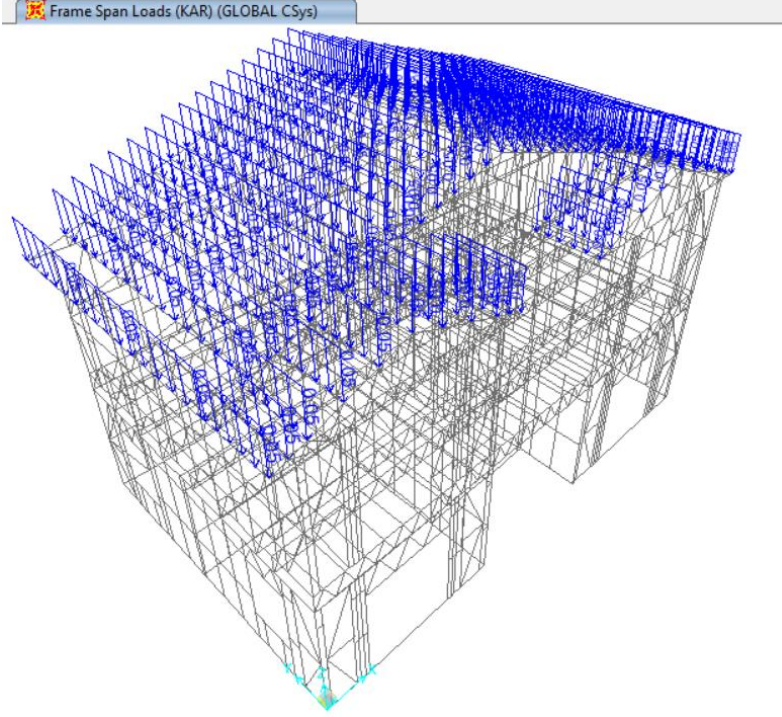
Xcg	-1,0504
Ycg	0
A	2,54
J	8,501E-03
I33	76,1989
I22	7,3933
I23	0
AS2	1,4275
AS3	0,9028
S33(+face)	10,8856
S33(-face)	10,8856
S22(+face)	5,6889
S22(-face)	2,1742
Z33	12,691
Z22	3,1858
r33	5,4772
r22	1,7061
d33pna	0
d22pna	1,2089

JK

STATIK RAPOR

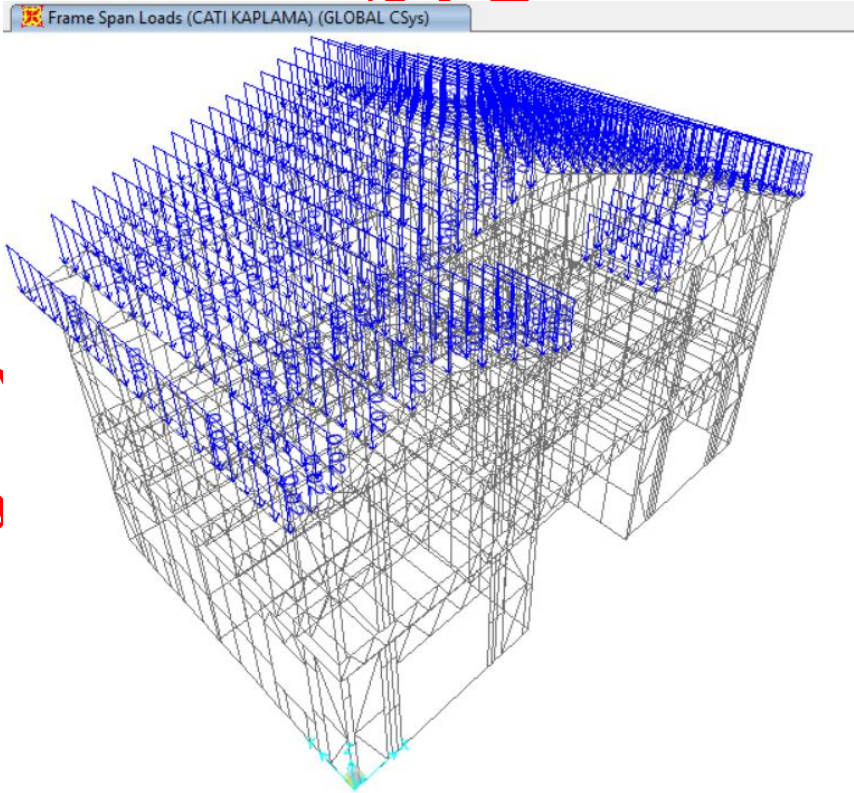
5.SİSTEM YÜKLEME ŞEKİLLERİ :

Kar Yüğü : 75.00kg/m²



TEK

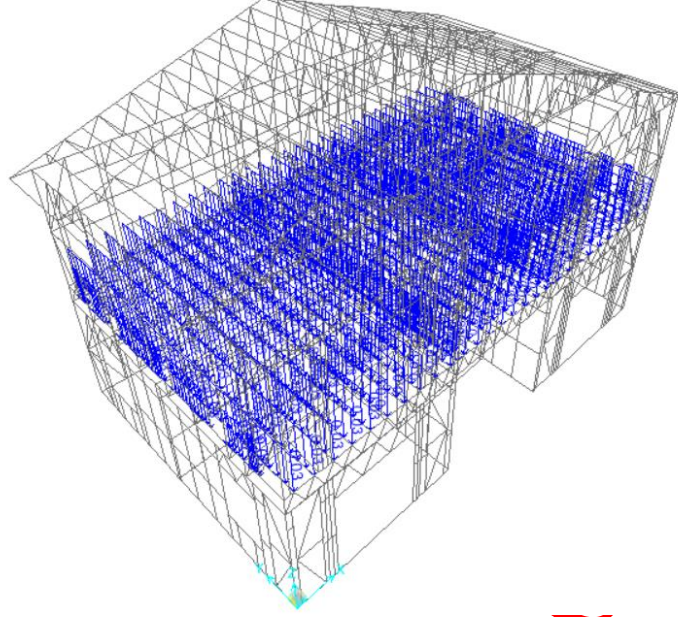
Catı Kaplama Yüğü : 25.00kg/m²



ST

Döşeme Kaplama Yükleri : 50.00kg/m²

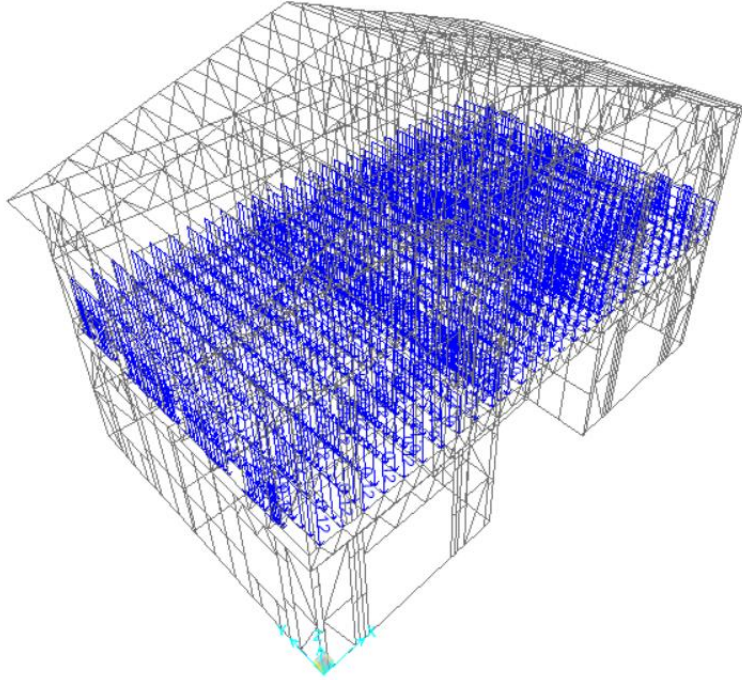
Frame Span Loads (ARAKAT KAPLAMA) (GLOBAL CSys)



VEK

Hareketli Yük : 350.00kg/m²

Frame Span Loads (HAREKETLI) (GLOBAL CSys)



ST

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
Text	Text	Unitless
DEAD	Dead	1
RYP	Wind	0
RYN	Wind	0
RXP	Wind	0
RXN	Wind	0
KAR	Snow	0
CATI KAPLAMA	Super Dead	0
HAREKETLI	Live	0
DOSEME KAPLAMA	Super Dead	0
EX	Quake	0
EY	Quake	0

Statik Yük Kombinasyonları

TABLE: Combination Definitions					
ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor
Text	Text	Yes/No	Text	Text	Unitless
1.4G	Linear Add	No	Linear Static	CATI KAPLAMA	1,4
1.4G			Linear Static	DEAD	1,4
1.4G			Linear Static	DOSEME KAPLAMA	1,4
1.2G+1.6Q+1.6S	Linear Add	No	Linear Static	CATI KAPLAMA	1,2
1.2G+1.6Q+1.6S			Linear Static	DEAD	1,2

1.2G+1.6Q+1.6S			Linear Static	DOSEME KAPLAMA	1,2
1.2G+1.6Q+1.6S			Linear Static	HAREKETLI	1,6
1.2G+1.6Q+1.6S			Linear Static	KAR	1,6
1.2G+1.6Q+0.5S	Linear Add	No	Linear Static	CATI KAPLAMA	1,2
1.2G+1.6Q+0.5S			Linear Static	DEAD	1,2
1.2G+1.6Q+0.5S			Linear Static	DOSEME KAPLAMA	1,2
1.2G+1.6Q+0.5S			Linear Static	HAREKETLI	1,6
1.2G+1.6Q+0.5S			Linear Static	KAR	0,5
1.2G+1.0Q+0,5S+1.6RXP	Linear Add	No	Linear Static	CATI KAPLAMA	1,2
1.2G+1.0Q+0,5S+1.6RXP			Linear Static	DEAD	1,2
1.2G+1.0Q+0,5S+1.6RXP			Linear Static	DOSEME KAPLAMA	1,2
1.2G+1.0Q+0,5S+1.6RXP			Linear Static	HAREKETLI	1
1.2G+1.0Q+0,5S+1.6RXP			Linear Static	RXP	1,6
1.2G+1.0Q+0,5S+1.6RXP			Linear Static	KAR	0,5
1.2G+1.0Q+0.5S+1.6RXN	Linear Add	No	Linear Static	CATI KAPLAMA	1,2
1.2G+1.0Q+0.5S+1.6RXN			Linear Static	DEAD	1,2
1.2G+1.0Q+0.5S+1.6RXN			Linear Static	DOSEME KAPLAMA	1,2
1.2G+1.0Q+0.5S+1.6RXN			Linear Static	HAREKETLI	1
1.2G+1.0Q+0.5S+1.6RXN			Linear Static	RXN	1,6
1.2G+1.0Q+0.5S+1.6RXN			Linear Static	KAR	0,5
1.2G+1.0Q+0.5S+1.6RYP	Linear Add	No	Linear Static	CATI KAPLAMA	1,2
1.2G+1.0Q+0.5S+1.6RYP			Linear Static	DEAD	1,2
1.2G+1.0Q+0.5S+1.6RYP			Linear Static	DOSEME KAPLAMA	1,2
1.2G+1.0Q+0.5S+1.6RYP			Linear Static	HAREKETLI	1
1.2G+1.0Q+0.5S+1.6RYP			Linear Static	RYP	1,6

1.2G+1.0Q+0.5S+1.6RYP			Linear Static	KAR	0,5
1.2G+1.0Q+0.5S+1.06RY N	Linear Add	No	Linear Static	CATI KAPLAMA	1,2
1.2G+1.0Q+0.5S+1.06RY N			Linear Static	DEAD	1,2
1.2G+1.0Q+0.5S+1.06RY N			Linear Static	DOSEME KAPLAMA	1,2
1.2G+1.0Q+0.5S+1.06RY N			Linear Static	HAREKETLI	1
1.2G+1.0Q+0.5S+1.06RY N			Linear Static	RYN	1,6
1.2G+1.0Q+0.5S+1.06RY N			Linear Static	KAR	0,5
1.2G+1.0Q+0.2S+1.0EXP	Linear Add	No	Linear Static	CATI KAPLAMA	1,2
1.2G+1.0Q+0.2S+1.0EXP			Linear Static	DEAD	1,2
1.2G+1.0Q+0.2S+1.0EXP			Linear Static	DOSEME KAPLAMA	1,2
1.2G+1.0Q+0.2S+1.0EXP			Linear Static	HAREKETLI	1
1.2G+1.0Q+0.2S+1.0EXP			Linear Static	KAR	0,2
1.2G+1.0Q+0.2S+1.0EXP			Linear Static	EX	1
1.2G+1.0Q+0.2S+1.0EXN	Linear Add	No	Linear Static	CATI KAPLAMA	1,2
1.2G+1.0Q+0.2S+1.0EXN			Linear Static	DEAD	1,2
1.2G+1.0Q+0.2S+1.0EXN			Linear Static	DOSEME KAPLAMA	1,2
1.2G+1.0Q+0.2S+1.0EXN			Linear Static	HAREKETLI	1
1.2G+1.0Q+0.2S+1.0EXN			Linear Static	KAR	0,2
1.2G+1.0Q+0.2S+1.0EXN			Linear Static	EX	-1
1.2G+1.0Q+0.2S+1.0EYP	Linear Add	No	Linear Static	CATI KAPLAMA	1,2
1.2G+1.0Q+0.2S+1.0EYP			Linear Static	DEAD	1,2
1.2G+1.0Q+0.2S+1.0EYP			Linear Static	DOSEME KAPLAMA	1,2
1.2G+1.0Q+0.2S+1.0EYP			Linear Static	HAREKETLI	1
1.2G+1.0Q+0.2S+1.0EYP			Linear Static	KAR	0,2
1.2G+1.0Q+0.2S+1.0EYP			Linear Static	EY	1

1.2G+1.0Q+0.2S+1.0EYN	Linear Add	No	Linear Static	CATI KAPLAMA	1,2
1.2G+1.0Q+0.2S+1.0EYN			Linear Static	DEAD	1,2
1.2G+1.0Q+0.2S+1.0EYN			Linear Static	DOSEME KAPLAMA	1,2
1.2G+1.0Q+0.2S+1.0EYN			Linear Static	HAREKETLI	1
1.2G+1.0Q+0.2S+1.0EYN			Linear Static	KAR	0,2
1.2G+1.0Q+0.2S+1.0EYN			Linear Static	EY	-1

STATİK RAPOR ÖRNEK

6. DİNAMİK ANALİZ :

Depreme Katılan Hareketli Yüklerin ve Sabit Yüklerin Katılım Oranları :

Sap2000 programına tanıtılan Kütle Katılım Oranları :

Mass Source Name: MSSSRC1

Mass Source:

- Element Self Mass and Additional Mass
- Specified Load Patterns

Mass Multipliers for Load Patterns:

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

Buttons: Add, Modify, Delete

Tablo 3.3 – Bina Yükseklik Sınıfları ve Deprem Tasarım Sınıflarına Göre Tanımlanan Bina Yükseklik Aralıkları

Bina Yükseklik Sınıfı	Bina Yükseklik Sınıfları ve Deprem Tasarım Sınıflarına Göre Tanımlanan Bina Yükseklik Aralıkları [m]		
	DTS = 1, 1a, 2, 2a	DTS = 3, 3a	DTS = 4, 4a
BYS = 1	$H_N > 70$	$H_N > 91$	$H_N > 105$
BYS = 2	$56 < H_N \leq 70$	$70 < H_N \leq 91$	$91 < H_N \leq 105$
BYS = 3	$42 < H_N \leq 56$	$56 < H_N \leq 70$	$56 < H_N \leq 91$
BYS = 4	$28 < H_N \leq 42$	$42 < H_N \leq 56$	
BYS = 5	$17.5 < H_N \leq 28$	$28 < H_N \leq 42$	
BYS = 6	$10.5 < H_N \leq 17.5$	$17.5 < H_N \leq 28$	
BYS = 7	$7 < H_N \leq 10.5$	$10.5 < H_N \leq 17.5$	
BYS = 8	$H_N \leq 7$	$H_N \leq 10.5$	

n katsayısı; TDY yönetmeliğinden alınmıştır.

Tablo 4.1 (devamı)

Bina Taşıyıcı Sistemi	Taşıyıcı Sistem Davranış Katsayısı R	Dayanım Fazlalığı Katsayısı D	İzin Verilen Bina Yükseklik Sınıfları BYS
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)
BKS = 2	İnsanların kısa süreli ve yoğun olarak bulunduğu binalar Ahşveriş 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

STATİK RAPOR

YENİ

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.

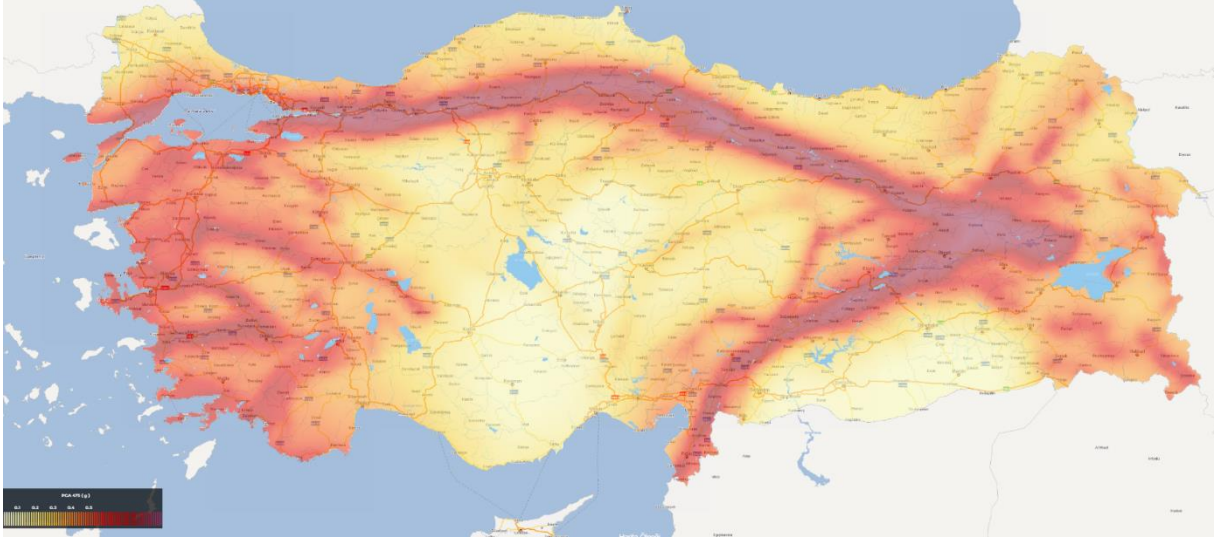
2.3.4. Yatay Elastik Tasarım Spektrumu

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

Rapor Başlığı:	NİLÜFERKÖY	
Deprem Yer Hareketi Düzeyi	DD-2	50 yılda aşılma olasılığı %10 (tekrarlanma periyodu 475 yıl) olan deprem yer hareketi düzeyi
Yerel Zemin Sınıfı	ZD	Orta sıkı - sıkı kum, çakıl veya çok katı kil tabakaları
Enlem:	40.2836°	
Boylam	28.9461°	

Çıktılar

$S_s = 0.933$

$S_1 = 0.244$

$PGA=0.393$

$PGV=23.525$

S_s : Kısa periyot harita spektral ivme katsayısı [boyutsuz]

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

PGA : En büyük yer ivmesi [g]

PGV : En büyük yer hızı [cm/sn]

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

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

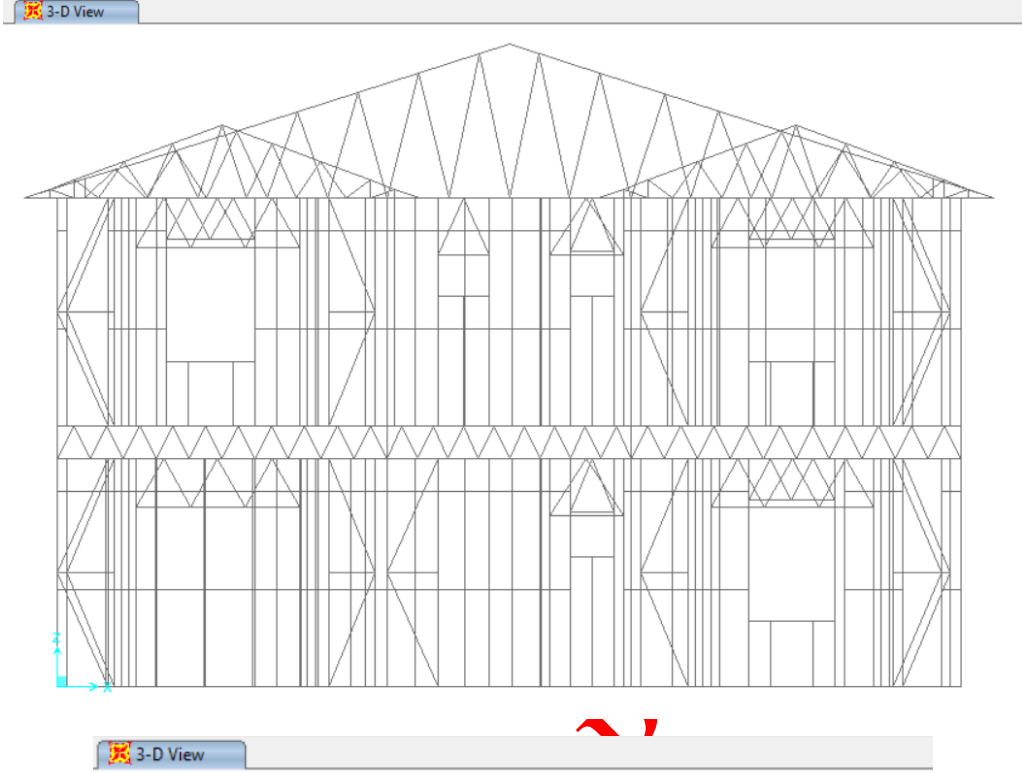
Calculated Coefficients

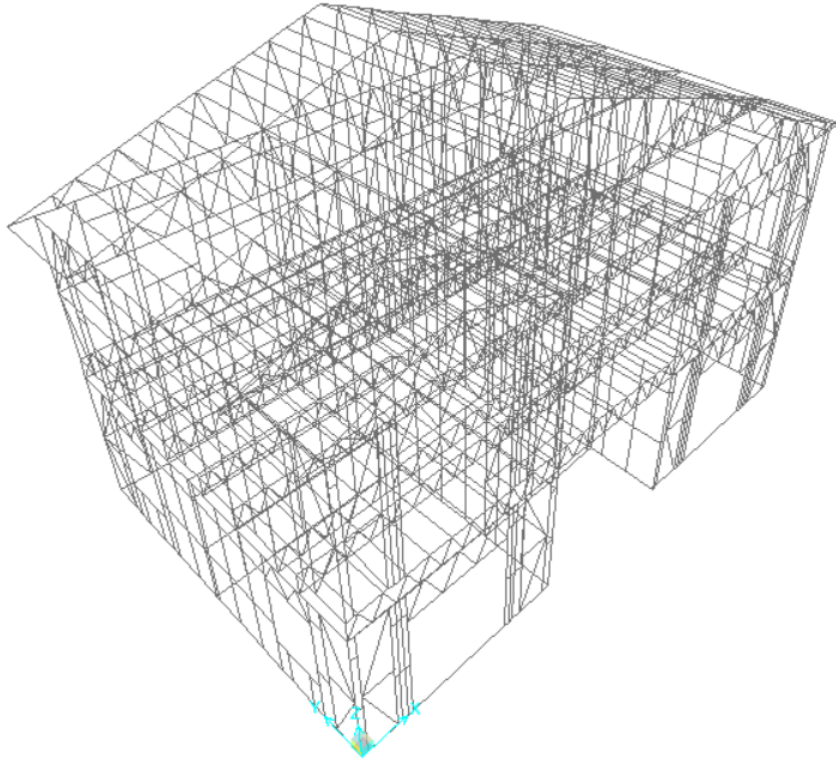
SDS = Fs * Ss
SDS = F1 * S1

Factors

Response Modification, R
System Overstrength, D
Occupancy Importance, I

Sap2000 Programında Tanımlanan Kesit Görünüşleri





STATIK RAPORU

7. DİZAYN SONUÇLARI :

Dizayn Sonuçları :

TABLE: Steel Design 1 - Summary Data - AISC 360-10						
Frame	DesignSect	DesignType	Ratio	RatioType	Combo	Location
Text	Text	Text	Unitless	Text	Text	m
3	CC140-47-12-1.20mm	Column	0,554745	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,4
4	CC140-47-12-1.20mm	Beam	0,205826	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
5	CC140-47-12-1.20mm	Brace	0,704646	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,51424
6	CC140-47-12-1.20mm	Brace	0,674138	PMM	0.9G+1.0EXP	1,51424
7	CC140-47-12-1.20mm	Column	0,473373	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,4
8	CC140-47-12-1.20mm	Column	0,454271	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,4
9	CC140-47-12-1.20mm	Column	0,562743	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,2
10	CC140-47-12-1.20mm	Column	0,55581	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,2
11	CC140-47-12-1.20mm	Column	0,453074	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,4
12	CC140-47-12-1.20mm	Column	0,496736	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,4
13	CC140-47-12-1.20mm	Column	0,592897	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,4
15	CC140-47-12-1.20mm	Column	0,75697	PMM	1.2G+1.0Q+0.2S+1.0EYN	2,4
16	CC140-47-12-1.20mm	Beam	0,210497	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,577
17	CC140-47-12-1.20mm	Brace	0,681123	PMM	0.9G+1.0EXP	1,51424
18	CC140-47-12-1.20mm	Brace	0,691505	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,51424
22	CC140-47-12-1.20mm	Beam	0,129211	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
28	CC140-47-12-1.20mm	Beam	0,281718	PMM	1.2G+1.0Q+0.2S+1.0EYN	1,8606
34	CC140-47-12-1.20mm	Brace	0,104667	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
35	CC140-47-12-1.20mm	Brace	0,078284	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
36	CC140-47-12-1.20mm	Brace	0,058118	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,68638
37	CC140-47-12-1.20mm	Brace	0,060842	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
38	CC140-47-12-1.20mm	Brace	0,058638	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,68638
39	CC140-47-12-1.20mm	Brace	0,106341	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,68638
42	CC140-47-12-1.20mm	Beam	0,54028	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,697
43	CC140-47-12-1.20mm	Beam	0,529442	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,36
45	CC140-47-12-1.20mm	Beam	0,363099	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
46	CC140-47-12-1.20mm	Beam	0,146943	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,577
47	CC140-47-12-1.20mm	Beam	0,282407	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
48	CC140-47-12-1.20mm	Beam	0,163187	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
49	CC140-47-12-1.20mm	Beam	0,217999	PMM	0.9G+1.0EXP	0,092
50	CC140-47-12-1.20mm	Beam	0,053739	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
51	CC140-47-12-1.20mm	Beam	0,226449	PMM	0.9G+1.0EXN	0
52	CC140-47-12-1.20mm	Beam	0,155834	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
53	CC140-47-12-1.20mm	Beam	0,291668	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,16
54	CC140-47-12-1.20mm	Beam	0,146199	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
55	CC140-47-12-1.20mm	Beam	0,343054	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,138
57	CC140-47-12-1.20mm	Beam	0,363402	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
58	CC140-47-12-1.20mm	Beam	0,48272	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,092
59	CC140-47-12-1.20mm	Beam	0,665935	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,092
60	CC140-47-12-1.20mm	Beam	0,649627	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
61	CC140-47-12-1.20mm	Beam	0,49005	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
62	CC140-47-12-1.20mm	Beam	0,446491	PMM	1.2G+1.0Q+0.2S+1.0EXN	0

63	CC140-47-12-1.20mm	Beam	0,88321	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,138
64	CC140-47-12-1.20mm	Beam	0,533233	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,12
65	CC140-47-12-1.20mm	Beam	0,355479	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
66	CC140-47-12-1.20mm	Beam	0,226194	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,092
67	CC140-47-12-1.20mm	Beam	0,1813	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
68	CC140-47-12-1.20mm	Beam	0,165917	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,1
69	CC140-47-12-1.20mm	Beam	0,254594	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
70	CC140-47-12-1.20mm	Beam	0,453923	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,16
71	CC140-47-12-1.20mm	Beam	0,640562	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,138
72	CC140-47-12-1.20mm	Column	0,71038	PMM	1.2G+1.0Q+0.2S+1.0EYN	2,4
74	CC140-47-12-1.20mm	Column	0,555146	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,4
75	CC140-47-12-1.20mm	Beam	0,215826	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
76	CC140-47-12-1.20mm	Brace	0,692226	PMM	0.9G+1.0EXN	1,51424
77	CC140-47-12-1.20mm	Brace	0,681343	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,51424
78	CC140-47-12-1.20mm	Column	0,472314	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,4
79	CC140-47-12-1.20mm	Column	0,450431	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,4
80	CC140-47-12-1.20mm	Column	0,54647	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,2
81	CC140-47-12-1.20mm	Column	0,561941	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,2
82	CC140-47-12-1.20mm	Column	0,4474	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,4
83	CC140-47-12-1.20mm	Column	0,490192	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,4
84	CC140-47-12-1.20mm	Column	0,587255	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,4
87	CC140-47-12-1.20mm	Beam	0,207675	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,577
88	CC140-47-12-1.20mm	Brace	0,669476	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,51424
89	CC140-47-12-1.20mm	Brace	0,658072	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,51424
90	CC140-47-12-1.20mm	Beam	0,127729	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
91	CC140-47-12-1.20mm	Beam	0,291346	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,8606
92	CC140-47-12-1.20mm	Brace	0,108525	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
93	CC140-47-12-1.20mm	Brace	0,05489	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
94	CC140-47-12-1.20mm	Brace	0,062305	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,68638
95	CC140-47-12-1.20mm	Brace	0,059287	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
96	CC140-47-12-1.20mm	Brace	0,080074	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,68638
97	CC140-47-12-1.20mm	Brace	0,102652	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,68638
98	CC140-47-12-1.20mm	Beam	0,524689	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,697
99	CC140-47-12-1.20mm	Beam	0,598436	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,937
100	CC140-47-12-1.20mm	Beam	0,347033	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
101	CC140-47-12-1.20mm	Beam	0,146951	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,577
102	CC140-47-12-1.20mm	Beam	0,288985	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
103	CC140-47-12-1.20mm	Beam	0,165877	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
104	CC140-47-12-1.20mm	Beam	0,223251	PMM	0.9G+1.0EXP	0,092
105	CC140-47-12-1.20mm	Beam	0,053927	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
106	CC140-47-12-1.20mm	Beam	0,221367	PMM	0.9G+1.0EXN	0
107	CC140-47-12-1.20mm	Beam	0,153694	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
108	CC140-47-12-1.20mm	Beam	0,286267	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,16
109	CC140-47-12-1.20mm	Beam	0,143245	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
110	CC140-47-12-1.20mm	Beam	0,331777	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,138
111	CC140-47-12-1.20mm	Beam	0,86066	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
112	CC140-47-12-1.20mm	Beam	0,368697	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
113	CC140-47-12-1.20mm	Beam	0,474648	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,092

114	CC140-47-12-1.20mm	Beam	0,658478	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,092
115	CC140-47-12-1.20mm	Beam	0,648859	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
116	CC140-47-12-1.20mm	Beam	0,483257	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
117	CC140-47-12-1.20mm	Beam	0,438141	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
118	CC140-47-12-1.20mm	Beam	0,890337	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,138
119	CC140-47-12-1.20mm	Beam	0,603658	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
120	CC140-47-12-1.20mm	Beam	0,364227	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
121	CC140-47-12-1.20mm	Beam	0,234836	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,092
122	CC140-47-12-1.20mm	Beam	0,18234	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
123	CC140-47-12-1.20mm	Beam	0,171642	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
124	CC140-47-12-1.20mm	Beam	0,243591	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
125	CC140-47-12-1.20mm	Beam	0,427509	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,16
126	CC140-47-12-1.20mm	Beam	0,562646	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,138
129	CC140-47-12-1.20mm	Column	0,841207	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,4
130	CC140-47-12-1.20mm	Beam	0,324383	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
133	CC140-47-12-1.20mm	Column	0,799857	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,1
134	CC140-47-12-1.20mm	Column	0,949041	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,1
136	CC140-47-12-1.20mm	Beam	0,215286	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
137	CC140-47-12-1.20mm	Beam	0,354996	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,9
138	CC140-47-12-1.20mm	Brace	0,196386	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
139	CC140-47-12-1.20mm	Brace	0,244615	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,83217
141	CC140-47-12-1.20mm	Beam	0,832736	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
142	CC140-47-12-1.20mm	Beam	0,355056	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
143	CC140-47-12-1.20mm	Beam	0,352544	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
144	CC140-47-12-1.20mm	Column	0,626827	PMM	1.2G+1.0Q+0.2S+1.0EYN	2,8
147	CC140-47-12-1.20mm	Column	0,619036	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,4
149	CC140-47-12-1.20mm	Beam	0,226094	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
152	CC140-47-12-1.20mm	Beam	0,439026	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
153	CC140-47-12-1.20mm	Beam	0,469477	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,627
154	CC140-47-12-1.20mm	Beam	0,454694	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
155	CC140-47-12-1.20mm	Beam	0,251842	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,627
157	CC140-47-12-1.20mm	Beam	0,269212	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,623
158	CC140-47-12-1.20mm	Beam	0,26688	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
159	CC140-47-12-1.20mm	Beam	0,181253	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
160	CC140-47-12-1.20mm	Beam	0,273404	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
161	CC140-47-12-1.20mm	Beam	0,122817	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,9
162	CC140-47-12-1.20mm	Beam	0,491639	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,1
164	CC140-47-12-1.20mm	Beam	0,305711	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
166	CC140-47-12-1.20mm	Beam	0,191239	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
167	CC140-47-12-1.00mm	Column	0,350294	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
168	CC140-47-12-1.00mm	Column	0,390052	PMM	0.9G+1.0EXN	1,2
169	CC140-47-12-1.00mm	Column	0,357753	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,8
170	CC140-47-12-1.00mm	Beam	0,122975	PMM	0.9G+1.6RYP	0
171	CC140-47-12-1.00mm	Brace	0,210812	PMM	0.9G+1.0EXN	1,51424
172	CC140-47-12-1.00mm	Brace	0,260396	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,51424
173	CC140-47-12-1.00mm	Column	0,311165	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,4
174	CC140-47-12-1.00mm	Column	0,312447	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,4
175	CC140-47-12-1.00mm	Column	0,477927	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,2

176	CC140-47-12-1.00mm	Column	0,459249	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,2
177	CC140-47-12-1.00mm	Column	0,32415	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,4
178	CC140-47-12-1.00mm	Column	0,342826	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,4
179	CC140-47-12-1.00mm	Column	0,378699	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,4
180	CC140-47-12-1.00mm	Column	0,370542	PMM	0.9G+1.0EXP	1,4
181	CC140-47-12-1.00mm	Column	0,693202	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
182	CC140-47-12-1.00mm	Beam	0,090451	PMM	0.9G+1.6RYP	0,577
183	CC140-47-12-1.00mm	Brace	0,200019	PMM	0.9G+1.0EXP	1,51424
184	CC140-47-12-1.00mm	Brace	0,268015	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,51424
185	CC140-47-12-1.00mm	Beam	0,117373	PMM	0.9G+1.6RYP	1,33333
187	CC140-47-12-1.00mm	Brace	0,114099	PMM	0.9G+1.6RYP	0,68638
188	CC140-47-12-1.00mm	Brace	0,110345	PMM	0.9G+1.6RYP	0
189	CC140-47-12-1.00mm	Brace	0,050073	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
190	CC140-47-12-1.00mm	Brace	0,048424	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
191	CC140-47-12-1.00mm	Brace	0,092306	PMM	0.9G+1.6RYP	0,68638
192	CC140-47-12-1.00mm	Brace	0,103485	PMM	0.9G+1.6RYP	0
195	CC140-47-12-1.20mm	Beam	0,523881	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,12
196	CC140-47-12-1.20mm	Beam	0,505916	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
197	CC140-47-12-1.20mm	Beam	0,54028	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
198	CC140-47-12-1.20mm	Beam	0,244919	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,0206
199	CC140-47-12-1.20mm	Beam	0,162054	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
201	CC140-47-12-1.20mm	Beam	0,183711	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,1
202	CC140-47-12-1.20mm	Beam	0,184085	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
203	CC140-47-12-1.20mm	Beam	0,529442	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,16
204	CC140-47-12-1.20mm	Beam	0,444857	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
205	CC140-47-12-1.20mm	Beam	0,436067	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
206	CC140-47-12-1.00mm	Beam	0,491802	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
207	CC140-47-12-1.00mm	Beam	0,263827	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
208	CC140-47-12-1.00mm	Beam	0,33799	PMM	0.9G+1.0EXN	0,092
209	CC140-47-12-1.00mm	Beam	0,551932	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,092
210	CC140-47-12-1.00mm	Beam	0,52731	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
211	CC140-47-12-1.00mm	Beam	0,417867	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
212	CC140-47-12-1.00mm	Beam	0,356059	PMM	0.9G+1.0EXP	0,16
213	CC140-47-12-1.00mm	Beam	0,454819	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,138
214	CC140-47-12-1.00mm	Beam	0,221394	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,12
215	CC140-47-12-1.00mm	Beam	0,114431	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
216	CC140-47-12-1.00mm	Beam	0,198086	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
217	CC140-47-12-1.00mm	Beam	0,25388	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
218	CC140-47-12-1.00mm	Beam	0,211297	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,1
219	CC140-47-12-1.00mm	Beam	0,192667	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,1
220	CC140-47-12-1.00mm	Beam	0,207805	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,16
221	CC140-47-12-1.00mm	Beam	0,266941	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,138
222	CC140-47-12-1.00mm	Column	0,706573	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
223	CC140-47-12-1.00mm	Column	0,377817	PMM	0.9G+1.0EXN	1,2
224	CC140-47-12-1.00mm	Column	0,347572	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,8
225	CC140-47-12-1.00mm	Beam	0,102607	PMM	0.9G+1.6RYP	0
226	CC140-47-12-1.00mm	Brace	0,201442	PMM	0.9G+1.0EXN	1,51424
227	CC140-47-12-1.00mm	Brace	0,250438	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,51424

228	CC140-47-12-1.00mm	Column	0,303494	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,4
229	CC140-47-12-1.00mm	Column	0,306282	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,4
230	CC140-47-12-1.00mm	Column	0,466766	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,2
231	CC140-47-12-1.00mm	Column	0,451017	PMM	0.9G+1.0EXP	2,2
232	CC140-47-12-1.00mm	Column	0,310319	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,4
233	CC140-47-12-1.00mm	Column	0,331127	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,4
234	CC140-47-12-1.00mm	Column	0,371988	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,4
235	CC140-47-12-1.00mm	Column	0,283341	PMM	0.9G+1.0EXP	1,2
236	CC140-47-12-1.00mm	Column	0,39185	PMM	1.2G+1.0Q+0.2S+1.0EYN	1,2
237	CC140-47-12-1.00mm	Beam	0,118934	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,577
238	CC140-47-12-1.00mm	Brace	0,198032	PMM	0.9G+1.0EXP	1,51424
239	CC140-47-12-1.00mm	Brace	0,216625	PMM	0.9G+1.6RYP	0
240	CC140-47-12-1.00mm	Beam	0,117534	PMM	0.9G+1.6RYP	1,33333
242	CC140-47-12-1.00mm	Brace	0,115308	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,68638
243	CC140-47-12-1.00mm	Brace	0,100102	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
244	CC140-47-12-1.00mm	Brace	0,047106	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
245	CC140-47-12-1.00mm	Brace	0,047068	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
246	CC140-47-12-1.00mm	Brace	0,103223	PMM	0.9G+1.6RYP	0,68638
247	CC140-47-12-1.00mm	Brace	0,10403	PMM	0.9G+1.6RYP	0
250	CC140-47-12-1.20mm	Beam	0,378113	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,12
251	CC140-47-12-1.20mm	Beam	0,459445	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,577
252	CC140-47-12-1.20mm	Beam	0,524689	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
253	CC140-47-12-1.20mm	Beam	0,226535	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,0206
254	CC140-47-12-1.20mm	Beam	0,137021	PMM	0.9G+1.6RYP	0,092
256	CC140-47-12-1.20mm	Beam	0,205876	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,1
257	CC140-47-12-1.20mm	Beam	0,200908	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
258	CC140-47-12-1.20mm	Beam	0,539538	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,16
259	CC140-47-12-1.20mm	Beam	0,581562	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,577
260	CC140-47-12-1.20mm	Beam	0,598436	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
261	CC140-47-12-1.00mm	Beam	0,423007	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
262	CC140-47-12-1.00mm	Beam	0,256845	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
263	CC140-47-12-1.00mm	Beam	0,328062	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,092
264	CC140-47-12-1.00mm	Beam	0,538126	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,092
265	CC140-47-12-1.00mm	Beam	0,50787	PMM	0.9G+1.0EXP	0
266	CC140-47-12-1.00mm	Beam	0,393571	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
267	CC140-47-12-1.00mm	Beam	0,334272	PMM	0.9G+1.0EXP	0,16
268	CC140-47-12-1.00mm	Beam	0,452631	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,138
269	CC140-47-12-1.00mm	Beam	0,262839	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
270	CC140-47-12-1.00mm	Beam	0,120397	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
271	CC140-47-12-1.00mm	Beam	0,193	PMM	0.9G+1.0EXN	0
272	CC140-47-12-1.00mm	Beam	0,250366	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
273	CC140-47-12-1.00mm	Beam	0,206104	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,1
274	CC140-47-12-1.00mm	Beam	0,183563	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,1
275	CC140-47-12-1.00mm	Beam	0,185285	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,16
276	CC140-47-12-1.00mm	Beam	0,211558	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
277	CC140-47-12-1.00mm	Column	0,699244	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
278	CC140-47-12-1.00mm	Column	0,748856	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
283	CC140-47-12-1.00mm	Column	0,920034	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,1

284	CC140-47-12-1.00mm	Column	0,757472	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,1
285	CC140-47-12-1.00mm	Beam	0,220909	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
287	CC140-47-12-1.00mm	Brace	0,197351	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
288	CC140-47-12-1.00mm	Brace	0,171246	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,83217
290	CC140-47-12-1.00mm	Beam	0,412681	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
292	CC140-47-12-1.00mm	Column	0,873407	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
293	CC140-47-12-1.00mm	Column	0,86185	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,1
299	CC140-47-12-1.00mm	Beam	0,349445	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
307	CC140-47-12-1.00mm	Beam	0,196194	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,125
309	CC140-47-12-1.00mm	Beam	0,442069	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
311	CC140-47-12-1.00mm	Beam	0,416554	PMM	0.9G+1.0EXN	0,627
312	CC140-47-12-1.00mm	Brace	0,210011	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,767
313	CC140-47-12-1.00mm	Brace	0,338668	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,767
314	CC140-47-12-1.00mm	Column	0,654207	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,6
315	CC140-47-12-1.00mm	Column	0,7286	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
316	CC140-47-12-1.20mm	Beam	0,169367	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,1
318	CC140-47-12-1.00mm	Beam	0,841816	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
320	CC140-47-12-1.00mm	Beam	0,67972	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
321	CC140-47-12-1.00mm	Beam	0,633076	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
324	CC140-47-12-1.20mm	Beam	0,448593	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
334	CC140-47-12-1.20mm	Column	0,644186	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,4
335	CC140-47-12-1.20mm	Column	0,606479	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,4
336	CC140-47-12-1.20mm	Column	0,585271	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,4
337	CC140-47-12-1.20mm	Column	0,581837	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,4
338	CC140-47-12-1.20mm	Column	0,544874	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,4
339	CC140-47-12-1.20mm	Column	0,55495	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,4
341	CC140-47-12-1.20mm	Column	0,558319	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,4
342	CC140-47-12-1.20mm	Column	0,527769	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,4
343	CC140-47-12-1.20mm	Column	0,556915	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,4
344	CC140-47-12-1.20mm	Column	0,586338	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,2
346	CC140-47-12-1.20mm	Column	0,889982	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,147
351	CC140-47-12-1.20mm	Column	0,581477	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,6
352	CC140-47-12-1.20mm	Beam	0,461407	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,547
353	CC140-47-12-1.20mm	Brace	0,169225	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
354	CC140-47-12-1.20mm	Brace	0,254393	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,70796
356	CC140-47-12-1.20mm	Column	0,717595	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,4
357	CC140-47-12-1.20mm	Column	0,716101	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,2
358	CC140-47-12-1.20mm	Column	0,778593	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,3
359	CC140-47-12-1.20mm	Column	0,622938	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,3
370	CC140-47-12-1.20mm	Column	0,557344	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,8
371	CC140-47-12-1.20mm	Column	0,564785	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,8
374	CC140-47-12-1.20mm	Beam	0,200935	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,05
382	CC140-47-12-1.20mm	Brace	0,152398	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
383	CC140-47-12-1.20mm	Brace	0,076226	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
384	CC140-47-12-1.20mm	Brace	0,085366	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,56472
385	CC140-47-12-1.20mm	Brace	0,174579	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,56472
386	CC140-47-12-1.20mm	Column	0,545616	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,8
387	CC140-47-12-1.20mm	Column	0,812146	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,4

390	CC140-47-12-1.20mm	Beam	0,306518	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,6
395	CC140-47-12-1.20mm	Beam	0,259178	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,2735
396	CC140-47-12-1.20mm	Beam	0,251681	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
397	CC140-47-12-1.20mm	Beam	0,289796	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,2625
398	CC140-47-12-1.20mm	Beam	0,210303	PMM	0.9G+1.0EXN	0
399	CC140-47-12-1.20mm	Beam	0,29532	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
400	CC140-47-12-1.20mm	Beam	0,296911	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,623
401	CC140-47-12-1.20mm	Beam	0,318925	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
402	CC140-47-12-1.20mm	Beam	0,23563	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,6
403	CC140-47-12-1.20mm	Beam	0,230442	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
404	CC140-47-12-1.20mm	Beam	0,305585	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
405	CC140-47-12-1.20mm	Beam	0,248488	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,509
406	CC140-47-12-1.20mm	Beam	0,230306	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
407	CC140-47-12-1.20mm	Beam	0,308552	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
408	CC140-47-12-1.20mm	Beam	0,283822	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,351
409	CC140-47-12-1.20mm	Beam	0,235413	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,6
410	CC140-47-12-1.20mm	Beam	0,243037	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
411	CC140-47-12-1.20mm	Beam	0,291323	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
412	CC140-47-12-1.20mm	Beam	0,256688	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
415	CC140-47-12-1.20mm	Beam	0,206524	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,205
416	CC140-47-12-1.20mm	Beam	0,196497	PMM	0.9G+1.0EXP	0,502
417	CC140-47-12-1.20mm	Beam	0,199445	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
418	CC140-47-12-1.20mm	Beam	0,229335	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
422	CC140-47-12-1.20mm	Beam	0,211802	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,12
423	CC140-47-12-1.20mm	Beam	0,258497	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,6
424	CC140-47-12-1.20mm	Beam	0,267722	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
425	CC140-47-12-1.20mm	Beam	0,489238	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,234
426	CC140-47-12-1.20mm	Beam	0,459237	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,6
427	CC140-47-12-1.20mm	Beam	0,527674	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
428	CC140-47-12-1.20mm	Beam	0,471306	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
429	CC140-47-12-1.20mm	Beam	0,605852	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
430	CC140-47-12-1.20mm	Beam	0,510095	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,509
431	CC140-47-12-1.20mm	Beam	0,468163	PMM	0.9G+1.0EXN	0
432	CC140-47-12-1.20mm	Beam	0,593268	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
433	CC140-47-12-1.20mm	Beam	0,575846	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,351
434	CC140-47-12-1.20mm	Beam	0,470022	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,6
435	CC140-47-12-1.20mm	Beam	0,491043	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
436	CC140-47-12-1.20mm	Beam	0,546628	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
438	CC140-47-12-1.20mm	Beam	0,789757	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
439	CC140-47-12-1.20mm	Beam	0,431254	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
441	CC140-47-12-1.20mm	Beam	0,684713	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
443	CC140-47-12-1.20mm	Beam	0,517971	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
444	CC140-47-12-1.20mm	Beam	0,381232	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,6
445	CC140-47-12-1.20mm	Beam	0,344454	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
446	CC140-47-12-1.20mm	Beam	0,449473	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
447	CC140-47-12-1.20mm	Beam	0,348327	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
448	CC140-47-12-1.20mm	Beam	0,330073	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,577
449	CC140-47-12-1.20mm	Beam	0,662139	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,262

450	CC140-47-12-1.20mm	Beam	0,597775	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
451	CC140-47-12-1.20mm	Beam	0,31406	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,6
452	CC140-47-12-1.20mm	Beam	0,314487	PMM	0.9G+1.0EXN	0
453	CC140-47-12-1.20mm	Beam	0,381879	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
454	CC140-47-12-1.20mm	Beam	0,322786	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
455	CC140-47-12-1.20mm	Beam	0,455962	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
456	CC140-47-12-1.20mm	Beam	0,312761	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,58
457	CC140-47-12-1.20mm	Beam	0,313701	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
458	CC140-47-12-1.20mm	Beam	0,630993	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
459	CC140-47-12-1.20mm	Beam	0,946135	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,234
460	CC140-47-12-1.00mm	Column	0,399102	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
461	CC140-47-12-1.00mm	Column	0,62158	PMM	0.9G+1.0EXP	2,4
462	CC140-47-12-1.00mm	Beam	0,330643	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
463	CC140-47-12-1.00mm	Brace	0,408845	PMM	0.9G+1.0EXN	0
464	CC140-47-12-1.00mm	Brace	0,399165	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,53236
465	CC140-47-12-1.00mm	Column	0,537443	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,4
468	CC140-47-12-1.00mm	Column	0,508853	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,2
469	CC140-47-12-1.00mm	Column	0,474127	PMM	0.9G+1.0EXP	0
470	CC140-47-12-1.00mm	Column	0,468469	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
471	CC140-47-12-1.00mm	Column	0,656882	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
472	CC140-47-12-1.00mm	Column	0,475663	PMM	0.9G+1.0EXP	0
473	CC140-47-12-1.00mm	Column	0,480416	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
474	CC140-47-12-1.00mm	Column	0,486635	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
475	CC140-47-12-1.00mm	Column	0,510952	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
476	CC140-47-12-1.00mm	Column	0,680339	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,2
477	CC140-47-12-1.00mm	Column	0,638377	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,147
479	CC140-47-12-1.00mm	Column	0,444006	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,6
480	CC140-47-12-1.00mm	Beam	0,351996	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,547
481	CC140-47-12-1.00mm	Brace	0,163981	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
482	CC140-47-12-1.00mm	Brace	0,191923	PMM	0.9G+1.0EXP	0,70796
483	CC140-47-12-1.00mm	Column	0,641035	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
484	CC140-47-12-1.00mm	Column	0,602309	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,4
485	CC140-47-12-1.00mm	Column	0,606803	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,2
486	CC140-47-12-1.00mm	Column	0,694724	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,8
487	CC140-47-12-1.00mm	Column	0,476069	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,3
488	CC140-47-12-1.00mm	Beam	0,820293	PMM	0.9G+1.0EXP	0
489	CC140-47-12-1.00mm	Column	0,494773	PMM	0.9G+1.0EXP	0,8
490	CC140-47-12-1.00mm	Column	0,51215	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,8
491	CC140-47-12-1.00mm	Beam	0,169141	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,05
492	CC140-47-12-1.00mm	Brace	0,130893	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
493	CC140-47-12-1.00mm	Brace	0,077834	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
494	CC140-47-12-1.00mm	Brace	0,079342	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,56472
495	CC140-47-12-1.00mm	Brace	0,171809	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,56472
496	CC140-47-12-1.00mm	Column	0,444084	PMM	0.9G+1.0EXP	2,4
497	CC140-47-12-1.00mm	Column	0,512217	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,4
498	CC140-47-12-1.00mm	Column	0,620772	PMM	0.9G+1.0EXP	1,2
499	CC140-47-12-1.00mm	Column	0,499043	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,2
500	CC140-47-12-1.00mm	Beam	0,166885	PMM	0.9G+1.0EXN	0,6

501	CC140-47-12-1.00mm	Brace	0,499391	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
502	CC140-47-12-1.00mm	Brace	0,426945	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,52315
504	CC140-47-12-1.20mm	Beam	0,102921	Minor Shear	1.2G+1.0Q+0.2S+1.0EXP	0
505	CC140-47-12-1.20mm	Beam	0,210318	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,2735
506	CC140-47-12-1.20mm	Beam	0,156528	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
507	CC140-47-12-1.20mm	Beam	0,133253	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,525
508	CC140-47-12-1.20mm	Beam	0,239313	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,1973
512	CC140-47-12-1.20mm	Beam	0,350023	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,48
513	CC140-47-12-1.20mm	Beam	0,164118	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,277
514	CC140-47-12-1.20mm	Beam	0,188486	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
515	CC140-47-12-1.20mm	Beam	0,172893	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,577
516	CC140-47-12-1.20mm	Beam	0,26005	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,262
517	CC140-47-12-1.20mm	Beam	0,233194	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
518	CC140-47-12-1.20mm	Beam	0,194022	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
519	CC140-47-12-1.20mm	Beam	0,183619	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
520	CC140-47-12-1.20mm	Beam	0,109602	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
521	CC140-47-12-1.20mm	Beam	0,090469	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,357
522	CC140-47-12-1.20mm	Beam	0,210948	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
523	CC140-47-12-1.20mm	Beam	0,195512	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,502
524	CC140-47-12-1.20mm	Beam	0,190408	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,58
525	CC140-47-12-1.20mm	Beam	0,194476	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
526	CC140-47-12-1.20mm	Beam	0,208162	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,12
527	CC140-47-12-1.20mm	Beam	0,476328	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,6
528	CC140-47-12-1.20mm	Beam	0,711762	PMM	0.9G+1.0EXN	0,6
529	CC140-47-12-1.20mm	Beam	0,788697	PMM	0.9G+1.0EXN	0
530	CC140-47-12-1.00mm	Beam	0,617815	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
534	CC140-47-12-1.00mm	Beam	0,441196	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,509
535	CC140-47-12-1.00mm	Beam	0,454379	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,577
536	CC140-47-12-1.00mm	Beam	0,476708	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
537	CC140-47-12-1.00mm	Beam	0,465098	PMM	0.9G+1.0EXN	0
538	CC140-47-12-1.00mm	Beam	0,414646	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
539	CC140-47-12-1.00mm	Beam	0,430929	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
540	CC140-47-12-1.00mm	Beam	0,474475	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
541	CC140-47-12-1.00mm	Beam	0,936088	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,357
542	CC140-47-12-1.00mm	Beam	0,717262	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
543	CC140-47-12-1.00mm	Beam	0,405719	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
545	CC140-47-12-1.00mm	Beam	0,732211	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
546	CC140-47-12-1.00mm	Beam	0,719436	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,234
547	CC140-47-12-1.00mm	Beam	0,372021	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,6
551	CC140-47-12-1.00mm	Beam	0,275292	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,509
552	CC140-47-12-1.00mm	Beam	0,313912	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,577
553	CC140-47-12-1.00mm	Beam	0,277137	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,262
554	CC140-47-12-1.00mm	Beam	0,282071	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
555	CC140-47-12-1.00mm	Beam	0,241307	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
556	CC140-47-12-1.00mm	Beam	0,240383	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
557	CC140-47-12-1.00mm	Beam	0,280438	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,362
558	CC140-47-12-1.00mm	Beam	0,258211	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
559	CC140-47-12-1.00mm	Beam	0,336082	PMM	1.2G+1.0Q+0.2S+1.0EXN	0

560	CC140-47-12-1.00mm	Beam	0,307086	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
561	CC140-47-12-1.00mm	Beam	0,274231	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
562	CC140-47-12-1.00mm	Beam	0,553977	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,6
563	CC140-47-12-1.00mm	Beam	0,490805	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,234
564	CC140-47-12-1.00mm	Column	0,5972	PMM	1.2G+1.0Q+0.2S+1.0EXN	2,3
566	CC140-47-12-1.00mm	Column	0,732454	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,2
567	CC140-47-12-1.00mm	Beam	0,225767	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
572	CC140-47-12-1.20mm	Beam	0,788697	PMM	0.9G+1.0EXN	8,441
573	CC140-47-12-1.20mm	Beam	0,096014	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
580	CC140-47-12-1.00mm	Column	0,652713	PMM	0.9G+1.0EXP	0,8
581	CC140-47-12-1.00mm	Column	0,680091	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
586	CC140-47-12-1.00mm	Beam	0,146157	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
594	CC140-47-12-1.00mm	Brace	0,132748	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
595	CC140-47-12-1.00mm	Brace	0,114176	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
596	CC140-47-12-1.00mm	Brace	0,104589	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,56824
597	CC140-47-12-1.00mm	Brace	0,098134	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
599	CC140-47-12-1.00mm	Beam	0,761799	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
600	CC140-47-12-1.00mm	Beam	0,111655	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,12
605	CC140-47-12-1.20mm	Column	0,855777	PMM	1.2G+1.0Q+0.2S+1.0EYP	2,3
606	CC140-47-12-1.20mm	Column	0,935358	PMM	1.2G+1.0Q+0.2S+1.0EYN	2,3
627	CC140-47-12-1.20mm	Column	0,717049	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,8
628	CC140-47-12-1.20mm	Column	0,671593	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,8
629	CC140-47-12-1.20mm	Column	0,704246	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,8
630	CC140-47-12-1.20mm	Column	0,728874	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,8
635	CC140-47-12-1.20mm	Beam	0,267959	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,05
639	CC140-47-12-1.20mm	Beam	0,225579	PMM	0.9G+1.0EYP	1,05
651	CC140-47-12-1.20mm	Brace	0,213094	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
652	CC140-47-12-1.20mm	Brace	0,123084	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
653	CC140-47-12-1.20mm	Brace	0,272399	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,56472
654	CC140-47-12-1.20mm	Brace	0,232866	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
655	CC140-47-12-1.20mm	Brace	0,210593	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
656	CC140-47-12-1.20mm	Brace	0,155946	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
657	CC140-47-12-1.20mm	Brace	0,182514	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,56472
658	CC140-47-12-1.20mm	Brace	0,141914	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,56472
660	CC140-47-12-1.20mm	Column	0,825521	PMM	1.2G+1.0Q+0.2S+1.0EYP	2,4
661	CC140-47-12-1.20mm	Column	0,763183	PMM	1.2G+1.0Q+0.2S+1.0EYP	2,4
662	CC140-47-12-1.20mm	Column	0,713407	PMM	1.2G+1.0Q+0.2S+1.0EYP	2,4
663	CC140-47-12-1.20mm	Column	0,834819	PMM	1.2G+1.0Q+0.2S+1.0EYN	2,4
664	CC140-47-12-1.20mm	Column	0,811234	PMM	1.2G+1.0Q+0.2S+1.0EYN	2,4
666	CC140-47-12-1.20mm	Beam	0,515604	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
667	CC140-47-12-1.20mm	Beam	0,270832	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
668	CC140-47-12-1.20mm	Beam	0,370949	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,2625
669	CC140-47-12-1.20mm	Beam	0,258865	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
670	CC140-47-12-1.20mm	Beam	0,366133	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
671	CC140-47-12-1.20mm	Beam	0,223512	PMM	0.9G+1.0EYP	0,53
672	CC140-47-12-1.20mm	Beam	0,220321	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,63
673	CC140-47-12-1.20mm	Beam	0,195962	PMM	0.9G+1.0EYN	0
674	CC140-47-12-1.20mm	Beam	0,27206	PMM	1.2G+1.0Q+0.2S+1.0EYP	0

675	CC140-47-12-1.20mm	Beam	0,201919	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
676	CC140-47-12-1.20mm	Beam	0,285843	PMM	0.9G+1.0EYN	0
677	CC140-47-12-1.20mm	Beam	0,371893	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,2625
678	CC140-47-12-1.20mm	Beam	0,266843	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,525
679	CC140-47-12-1.20mm	Beam	0,381769	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
680	CC140-47-12-1.20mm	Beam	0,282936	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,262
681	CC140-47-12-1.20mm	Beam	0,525994	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,576
687	CC140-47-12-1.20mm	Beam	0,480395	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
689	CC140-47-12-1.20mm	Beam	0,521425	PMM	0.9G+1.0EYP	0,525
691	CC140-47-12-1.20mm	Beam	0,946487	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
693	CC140-47-12-1.20mm	Beam	0,622165	PMM	0.9G+1.0EYN	0,53
696	CC140-47-12-1.20mm	Beam	0,779617	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
698	CC140-47-12-1.20mm	Beam	0,843601	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,243
704	CC140-47-12-1.20mm	Beam	0,503827	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,63
705	CC140-47-12-1.20mm	Beam	0,564719	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,618
707	CC140-47-12-1.20mm	Beam	0,517688	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
713	CC140-47-12-1.20mm	Beam	0,384232	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,53
714	CC140-47-12-1.20mm	Beam	0,333125	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,63
715	CC140-47-12-1.20mm	Beam	0,363181	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,618
717	CC140-47-12-1.20mm	Beam	0,410407	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,602
718	CC140-47-12-1.20mm	Beam	0,573685	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
719	CC140-47-12-1.20mm	Beam	0,825667	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,262
721	CC140-47-12-1.00mm	Column	0,755465	PMM	1.2G+1.0Q+0.2S+1.0EYN	2,4
722	CC140-47-12-1.00mm	Column	0,89286	PMM	1.2G+1.0Q+0.2S+1.0EYP	2,4
724	CC140-47-12-1.00mm	Column	0,875445	PMM	1.2G+1.0Q+0.2S+1.0EYP	2,3
725	CC140-47-12-1.00mm	Column	0,672449	PMM	1.2G+1.0Q+0.2S+1.0EYP	2,4
726	CC140-47-12-1.00mm	Column	0,785632	PMM	1.2G+1.0Q+0.2S+1.0EYP	2,3
731	CC140-47-12-1.00mm	Column	0,826173	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
732	CC140-47-12-1.00mm	Column	0,880713	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,8
734	CC140-47-12-1.00mm	Beam	0,232718	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,05
739	CC140-47-12-1.00mm	Brace	0,154133	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
740	CC140-47-12-1.00mm	Brace	0,136775	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,56472
741	CC140-47-12-1.00mm	Brace	0,116043	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
742	CC140-47-12-1.00mm	Brace	0,22267	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,56472
743	CC140-47-12-1.00mm	Column	0,674579	PMM	1.2G+1.0Q+0.2S+1.0EYN	2,4
744	CC140-47-12-1.00mm	Column	0,671386	PMM	1.2G+1.0Q+0.2S+1.0EYN	2,4
745	CC140-47-12-1.00mm	Column	0,673594	PMM	1.2G+1.0Q+0.2S+1.0EYP	2,4
746	CC140-47-12-1.00mm	Column	0,73572	PMM	1.2G+1.0Q+0.2S+1.0EYP	2,4
747	CC140-47-12-1.00mm	Column	0,687554	PMM	1.2G+1.0Q+0.2S+1.0EYP	2,4
764	CC140-47-12-1.00mm	Beam	0,324526	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
766	CC140-47-12-1.00mm	Beam	0,219433	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
768	CC140-47-12-1.00mm	Beam	0,403984	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
769	CC140-47-12-1.00mm	Beam	0,330013	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,2625
770	CC140-47-12-1.00mm	Beam	0,603359	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,576
771	CC140-47-12-1.00mm	Beam	0,80207	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
772	CC140-47-12-1.00mm	Beam	0,231419	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,53
773	CC140-47-12-1.00mm	Beam	0,310206	PMM	1.2G+1.0Q+0.5S+1.6RXP	0
775	CC140-47-12-1.00mm	Beam	0,348308	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,602

776	CC140-47-12-1.00mm	Beam	0,346433	PMM	0.9G+1.0EXP	0,602
777	CC140-47-12-1.00mm	Beam	0,413426	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,243
779	CC140-47-12-1.00mm	Beam	0,944154	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
782	CC140-47-12-1.00mm	Beam	0,695234	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,53
783	CC140-47-12-1.00mm	Beam	0,688058	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,63
784	CC140-47-12-1.00mm	Beam	0,540889	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,618
785	CC140-47-12-1.00mm	Beam	0,72559	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
786	CC140-47-12-1.00mm	Beam	0,651226	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
791	CC140-47-12-1.00mm	Beam	0,740432	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
792	CC140-47-12-1.00mm	Beam	0,464758	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,53
793	CC140-47-12-1.00mm	Beam	0,541269	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,63
794	CC140-47-12-1.00mm	Beam	0,266098	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,618
795	CC140-47-12-1.00mm	Beam	0,579178	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
796	CC140-47-12-1.00mm	Beam	0,453185	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
797	CC140-47-12-1.00mm	Beam	0,31089	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,243
798	CC140-47-12-1.00mm	Beam	0,632351	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,262
800	CC140-47-12-1.20mm	Beam	0,592849	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
802	CC140-47-12-1.20mm	Brace	0,908436	PMM	0.9G+1.0EYP	1,51386
803	CC140-47-12-1.20mm	Beam	0,647855	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
806	CC140-47-12-1.00mm	Beam	0,180061	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,576
807	CC140-47-12-1.00mm	Brace	0,364085	PMM	1.2G+1.0Q+0.2S+1.0EYN	1,51386
808	CC140-47-12-1.00mm	Brace	0,275542	PMM	1.2G+1.0Q+0.2S+1.0EYN	1,51386
809	CC140-47-12-1.00mm	Beam	0,39503	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,576
810	CC140-47-12-1.00mm	Brace	0,563836	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
811	CC140-47-12-1.00mm	Brace	0,363676	PMM	0.9G+1.0EYN	1,51386
812	CC140-47-12-1.00mm	Column	0,722838	PMM	1.2G+1.0Q+0.2S+1.0EYN	2,4
814	CC140-47-12-1.00mm	Beam	0,738649	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,6
815	CC140-47-12-1.00mm	Beam	0,575959	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,45
816	CC140-47-12-1.00mm	Beam	0,6706	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,6
817	CC140-47-12-1.00mm	Beam	0,351382	PMM	0.9G+1.0EYP	0,45
1108	CC140-47-12-1.20mm	Column	0,934196	PMM	1.2G+1.0Q+0.2S+1.0EYP	2,3
1112	CC140-47-12-1.20mm	Column	0,777694	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,8
1113	CC140-47-12-1.20mm	Column	0,726407	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,8
1114	CC140-47-12-1.20mm	Column	0,764394	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,8
1115	CC140-47-12-1.20mm	Column	0,804359	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,8
1116	CC140-47-12-1.20mm	Beam	0,295648	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,05
1117	CC140-47-12-1.20mm	Beam	0,243487	PMM	0.9G+1.0EYP	1,05
1118	CC140-47-12-1.20mm	Brace	0,23445	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1119	CC140-47-12-1.20mm	Brace	0,110686	PMM	0.9G+1.0EYP	0
1120	CC140-47-12-1.20mm	Brace	0,251802	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,56472
1121	CC140-47-12-1.20mm	Brace	0,252699	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,56472
1122	CC140-47-12-1.20mm	Brace	0,232831	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1123	CC140-47-12-1.20mm	Brace	0,167233	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,56472
1124	CC140-47-12-1.20mm	Brace	0,18065	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,56472
1125	CC140-47-12-1.20mm	Brace	0,160246	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,56472
1126	CC140-47-12-1.20mm	Column	0,922804	PMM	1.2G+1.0Q+0.2S+1.0EYP	2,4
1127	CC140-47-12-1.20mm	Column	0,857662	PMM	1.2G+1.0Q+0.2S+1.0EYP	2,4
1128	CC140-47-12-1.20mm	Column	0,846808	PMM	1.2G+1.0Q+0.2S+1.0EYN	2,4

1129	CC140-47-12-1.20mm	Column	0,896654	PMM	1.2G+1.0Q+0.2S+1.0EYP	2,4
1130	CC140-47-12-1.20mm	Column	0,894789	PMM	1.2G+1.0Q+0.2S+1.0EYN	2,4
1131	CC140-47-12-1.20mm	Beam	0,569621	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1132	CC140-47-12-1.20mm	Beam	0,296254	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1133	CC140-47-12-1.20mm	Beam	0,402332	PMM	0.9G+1.0EYP	0,2625
1134	CC140-47-12-1.20mm	Beam	0,282092	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1135	CC140-47-12-1.20mm	Beam	0,397553	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1136	CC140-47-12-1.20mm	Beam	0,242652	PMM	0.9G+1.0EYP	0,53
1137	CC140-47-12-1.20mm	Beam	0,229985	PMM	0.9G+1.0EYN	0
1138	CC140-47-12-1.20mm	Beam	0,223129	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,618
1139	CC140-47-12-1.20mm	Beam	0,232655	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,602
1140	CC140-47-12-1.20mm	Beam	0,216098	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1141	CC140-47-12-1.20mm	Beam	0,308673	PMM	0.9G+1.0EYN	0
1142	CC140-47-12-1.20mm	Beam	0,404893	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,2625
1143	CC140-47-12-1.20mm	Beam	0,290536	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,525
1144	CC140-47-12-1.20mm	Beam	0,416355	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1145	CC140-47-12-1.20mm	Beam	0,300283	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,262
1146	CC140-47-12-1.20mm	Beam	0,581524	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,576
1149	CC140-47-12-1.20mm	Beam	0,531659	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1151	CC140-47-12-1.20mm	Beam	0,531751	PMM	0.9G+1.0EYP	0,525
1155	CC140-47-12-1.20mm	Beam	0,670353	PMM	0.9G+1.0EYN	0,53
1158	CC140-47-12-1.20mm	Beam	0,489192	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1160	CC140-47-12-1.20mm	Beam	0,837774	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,243
1165	CC140-47-12-1.20mm	Beam	0,563546	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,63
1166	CC140-47-12-1.20mm	Beam	0,568329	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,618
1167	CC140-47-12-1.20mm	Beam	0,621198	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,602
1168	CC140-47-12-1.20mm	Beam	0,600595	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1172	CC140-47-12-1.20mm	Beam	0,410194	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,53
1173	CC140-47-12-1.20mm	Beam	0,407905	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,63
1174	CC140-47-12-1.20mm	Beam	0,384182	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1175	CC140-47-12-1.20mm	Beam	0,404014	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,602
1176	CC140-47-12-1.20mm	Beam	0,438796	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,602
1177	CC140-47-12-1.20mm	Beam	0,581667	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1178	CC140-47-12-1.20mm	Beam	0,89654	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,262
1230	CC140-47-12-1.20mm	Beam	0,649191	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1233	CC140-47-12-1.20mm	Beam	0,622484	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1247	CC140-47-12-1.00mm	Column	0,867713	PMM	1.2G+1.0Q+0.2S+1.0EYN	1,2
1248	CC140-47-12-1.00mm	Column	0,839142	PMM	1.2G+1.0Q+0.2S+1.0EYP	2,4
1249	CC140-47-12-1.00mm	Column	0,8771	PMM	0.9G+1.0EYP	0
1250	CC140-47-12-1.00mm	Column	0,826919	PMM	1.2G+1.0Q+0.2S+1.0EYP	2,3
1251	CC140-47-12-1.00mm	Column	0,728269	PMM	1.2G+1.0Q+0.2S+1.0EYN	2,3
1252	CC140-47-12-1.00mm	Column	0,78338	PMM	1.2G+1.0Q+0.2S+1.0EYP	2,3
1254	CC140-47-12-1.00mm	Beam	0,895863	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,05
1255	CC140-47-12-1.00mm	Column	0,80899	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,8
1256	CC140-47-12-1.00mm	Column	0,696297	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,8
1257	CC140-47-12-1.00mm	Column	0,750046	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1258	CC140-47-12-1.00mm	Column	0,812802	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,8
1259	CC140-47-12-1.00mm	Beam	0,22922	PMM	1.2G+1.0Q+0.2S+1.0EYN	0

1260	CC140-47-12-1.00mm	Beam	0,221995	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,05
1261	CC140-47-12-1.00mm	Brace	0,193147	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1262	CC140-47-12-1.00mm	Brace	0,152466	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1263	CC140-47-12-1.00mm	Brace	0,178217	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,56472
1264	CC140-47-12-1.00mm	Brace	0,181964	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,56472
1265	CC140-47-12-1.00mm	Brace	0,177474	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1266	CC140-47-12-1.00mm	Brace	0,128963	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,56472
1267	CC140-47-12-1.00mm	Brace	0,110703	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1268	CC140-47-12-1.00mm	Brace	0,210894	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,56472
1269	CC140-47-12-1.00mm	Column	0,744049	PMM	1.2G+1.0Q+0.2S+1.0EYN	2,4
1270	CC140-47-12-1.00mm	Column	0,714957	PMM	1.2G+1.0Q+0.2S+1.0EYN	2,4
1271	CC140-47-12-1.00mm	Column	0,651384	PMM	1.2G+1.0Q+0.2S+1.0EXP	2,4
1272	CC140-47-12-1.00mm	Column	0,778165	PMM	1.2G+1.0Q+0.2S+1.0EYP	2,4
1273	CC140-47-12-1.00mm	Column	0,700342	PMM	1.2G+1.0Q+0.2S+1.0EYP	2,4
1274	CC140-47-12-1.00mm	Beam	0,295447	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,2625
1276	CC140-47-12-1.00mm	Beam	0,314892	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1278	CC140-47-12-1.00mm	Beam	0,494838	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1279	CC140-47-12-1.00mm	Beam	0,292706	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,2625
1280	CC140-47-12-1.00mm	Beam	0,642988	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,576
1281	CC140-47-12-1.00mm	Beam	0,733136	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1282	CC140-47-12-1.00mm	Beam	0,369184	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1283	CC140-47-12-1.00mm	Beam	0,430355	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1286	CC140-47-12-1.00mm	Beam	0,46275	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,602
1287	CC140-47-12-1.00mm	Beam	0,612092	PMM	0.9G+1.0EXN	0,243
1288	CC140-47-12-1.00mm	Beam	0,900327	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,262
1289	CC140-47-12-1.00mm	Beam	0,872995	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1292	CC140-47-12-1.00mm	Beam	0,656772	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,63
1293	CC140-47-12-1.00mm	Beam	0,607488	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,618
1295	CC140-47-12-1.00mm	Beam	0,627275	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1298	CC140-47-12-1.00mm	Beam	0,624884	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1299	CC140-47-12-1.00mm	Beam	0,545297	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,53
1300	CC140-47-12-1.00mm	Beam	0,554192	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,63
1301	CC140-47-12-1.00mm	Beam	0,432748	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1303	CC140-47-12-1.00mm	Beam	0,427119	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1304	CC140-47-12-1.00mm	Beam	0,265278	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,243
1305	CC140-47-12-1.00mm	Beam	0,562525	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,262
1306	CC140-47-12-1.00mm	Beam	0,28495	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,576
1307	CC140-47-12-1.00mm	Brace	0,495314	PMM	1.2G+1.0Q+0.2S+1.0EYN	1,51386
1308	CC140-47-12-1.00mm	Brace	0,261482	PMM	1.2G+1.0Q+0.2S+1.0EYN	1,51386
1309	CC140-47-12-1.00mm	Beam	0,268482	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,576
1310	CC140-47-12-1.00mm	Brace	0,508447	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1311	CC140-47-12-1.00mm	Brace	0,289788	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,51386
1324	CC80-47-12-1.20mm	Beam	0,164777	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,6
1325	CC80-47-12-1.20mm	Beam	0,238296	PMM	0.9G+1.0EYN	0
1326	CC80-47-12-1.20mm	Beam	0,2037	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
1327	CC80-47-12-1.20mm	Beam	0,206102	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1328	CC80-47-12-1.20mm	Beam	0,207063	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
1329	CC80-47-12-1.20mm	Beam	0,204802	PMM	1.2G+1.0Q+0.2S+1.0EYP	0

1330	CC80-47-12-1.20mm	Beam	0,223927	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
1331	CC80-47-12-1.20mm	Beam	0,188933	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1334	CC80-47-12-1.20mm	Beam	0,813319	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1336	CC80-47-12-1.20mm	Beam	0,586356	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
1339	CC80-47-12-1.20mm	Beam	0,584953	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
1341	CC80-47-12-1.20mm	Beam	0,859684	Major Shear	1.2G+1.0Q+0.5S+1.6RYP	0,6
1342	CC80-47-12-1.20mm	Beam	0,75185	PMM	0.9G+1.0EYP	0,6
1343	CC80-47-12-1.20mm	Beam	0,612141	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,23
1345	CC80-47-12-1.20mm	Beam	0,620235	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1346	CC80-47-12-1.20mm	Beam	0,436806	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,6
1347	CC80-47-12-1.20mm	Beam	0,44141	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1348	CC80-47-12-1.20mm	Beam	0,455167	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
1349	CC80-47-12-1.20mm	Beam	0,468036	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,6
1350	CC80-47-12-1.20mm	Beam	0,457085	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1351	CC80-47-12-1.20mm	Beam	0,431237	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1352	CC80-47-12-1.20mm	Beam	0,40767	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1355	CC80-47-12-1.20mm	Beam	0,771143	PMM	0.9G+1.0EYP	0,6
1356	CC80-47-12-1.20mm	Beam	0,605282	PMM	0.9G+1.0EYP	0,6
1357	CC80-47-12-1.20mm	Beam	0,506941	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
1358	CC80-47-12-1.20mm	Beam	0,545602	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,6
1359	CC80-47-12-1.20mm	Beam	0,509986	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1360	CC80-47-12-1.20mm	Beam	0,447899	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1361	CC80-47-12-1.20mm	Beam	0,457414	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,6
1369	CC140-47-12-1.20mm	Beam	0,764826	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,6
1372	CC140-47-12-1.20mm	Beam	0,864379	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,6
1376	CC140-47-12-1.00mm	Column	0,881599	PMM	1.2G+1.0Q+0.2S+1.0EYN	2,8
1377	CC140-47-12-1.00mm	Column	0,686714	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1379	CC140-47-12-1.00mm	Beam	0,673502	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1381	CC140-47-12-1.00mm	Beam	0,762886	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1382	CC140-47-12-1.00mm	Beam	0,797296	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1387	CC80-47-12-1.00mm	Column	0,847666	PMM	1.2G+1.0Q+0.2S+1.0EYN	2,8
1388	CC80-47-12-1.00mm	Column	0,814327	PMM	1.2G+1.0Q+0.2S+1.0EYN	2,8
1392	CC80-47-12-1.00mm	Column	0,569499	PMM	1.2G+1.0Q+0.2S+1.0EYP	2,8
1403	CC80-47-12-1.00mm	Beam	0,519272	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1404	CC80-47-12-1.00mm	Beam	0,367597	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1405	CC80-47-12-1.00mm	Beam	0,373786	PMM	0.9G+1.0EYP	0,6
1407	CC80-47-12-1.00mm	Beam	0,263903	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
1408	CC80-47-12-1.00mm	Beam	0,388677	PMM	0.9G+1.0EYP	0,6
1410	CC80-47-12-1.00mm	Beam	0,265794	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
1411	CC80-47-12-1.00mm	Beam	0,593757	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
1412	CC80-47-12-1.00mm	Beam	0,637858	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,23
1414	CC80-47-12-1.00mm	Beam	0,711822	PMM	0.9G+1.6RYN	0
1415	CC80-47-12-1.00mm	Beam	0,471748	PMM	0.9G+1.6RYN	0,6
1416	CC80-47-12-1.00mm	Beam	0,519367	PMM	1.2G+1.0Q+0.5S+1.6RYN	0
1417	CC80-47-12-1.00mm	Beam	0,675631	PMM	1.2G+1.0Q+0.5S+1.6RYN	0,6
1418	CC80-47-12-1.00mm	Beam	0,478769	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
1419	CC80-47-12-1.00mm	Beam	0,455667	PMM	1.2G+1.0Q+0.5S+1.6RYN	0
1420	CC80-47-12-1.00mm	Beam	0,545737	PMM	1.2G+1.0Q+0.5S+1.6RYN	0

1421	CC80-47-12-1.00mm	Beam	0,442632	PMM	0.9G+1.6RYP	0,6
1425	CC80-47-12-1.00mm	Beam	0,569041	PMM	0.9G+1.0EYP	0,6
1426	CC80-47-12-1.00mm	Beam	0,523441	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1427	CC80-47-12-1.00mm	Beam	0,498114	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
1428	CC80-47-12-1.00mm	Beam	0,452895	PMM	0.9G+1.0EYN	0
1444	CC80-47-12-1.20mm	Beam	0,167987	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,6
1445	CC80-47-12-1.20mm	Beam	0,243274	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1446	CC80-47-12-1.20mm	Beam	0,206643	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
1447	CC80-47-12-1.20mm	Beam	0,209874	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1448	CC80-47-12-1.20mm	Beam	0,209871	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
1449	CC80-47-12-1.20mm	Beam	0,207398	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1450	CC80-47-12-1.20mm	Beam	0,226482	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
1451	CC80-47-12-1.20mm	Beam	0,191131	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1453	CC80-47-12-1.20mm	Beam	0,937153	PMM	0.9G+1.0EYN	0
1455	CC80-47-12-1.20mm	Beam	0,633834	PMM	0.9G+1.0EYN	0
1458	CC80-47-12-1.20mm	Beam	0,592242	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
1460	CC80-47-12-1.20mm	Beam	0,849503	Major Shear	1.2G+1.0Q+0.5S+1.6RXN	0,6
1464	CC80-47-12-1.20mm	Beam	0,742823	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1465	CC80-47-12-1.20mm	Beam	0,508673	PMM	0.9G+1.6RYP	0,6
1466	CC80-47-12-1.20mm	Beam	0,574838	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
1467	CC80-47-12-1.20mm	Beam	0,605652	PMM	0.9G+1.6RYP	0
1468	CC80-47-12-1.20mm	Beam	0,633282	PMM	0.9G+1.6RYP	0
1469	CC80-47-12-1.20mm	Beam	0,711208	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
1470	CC80-47-12-1.20mm	Beam	0,74553	PMM	0.9G+1.6RYP	0,6
1471	CC80-47-12-1.20mm	Beam	0,760601	PMM	0.9G+1.6RYP	0
1474	CC80-47-12-1.20mm	Beam	0,917708	PMM	0.9G+1.0EYP	0,6
1475	CC80-47-12-1.20mm	Beam	0,5341	PMM	0.9G+1.0EYP	0
1476	CC80-47-12-1.20mm	Beam	0,441687	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
1477	CC80-47-12-1.20mm	Beam	0,611583	PMM	0.9G+1.0EYN	0
1478	CC80-47-12-1.20mm	Beam	0,926588	PMM	0.9G+1.0EYN	0,6
1488	CC140-47-12-1.20mm	Beam	0,758207	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,6
1491	CC140-47-12-1.20mm	Beam	0,871706	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,6
1494	CC140-47-12-1.00mm	Column	0,897691	PMM	1.2G+1.0Q+0.2S+1.0EYN	2,8
1495	CC140-47-12-1.00mm	Column	0,703034	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1497	CC140-47-12-1.00mm	Beam	0,682197	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1499	CC140-47-12-1.00mm	Beam	0,75315	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1500	CC140-47-12-1.00mm	Beam	0,812304	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1505	CC80-47-12-1.00mm	Column	0,863609	PMM	1.2G+1.0Q+0.2S+1.0EYN	2,8
1506	CC80-47-12-1.00mm	Column	0,791945	PMM	0.9G+1.0EYN	2,8
1510	CC80-47-12-1.00mm	Column	0,592139	PMM	1.2G+1.0Q+0.2S+1.0EYP	2,4
1511	CC80-47-12-1.00mm	Beam	0,5776	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1512	CC80-47-12-1.00mm	Beam	0,385431	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1513	CC80-47-12-1.00mm	Beam	0,341257	PMM	0.9G+1.0EYP	0,6
1515	CC80-47-12-1.00mm	Beam	0,642089	PMM	0.9G+1.0EXP	0
1516	CC80-47-12-1.00mm	Beam	0,367826	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1518	CC80-47-12-1.00mm	Beam	0,247381	PMM	0.9G+1.0EYN	0
1519	CC80-47-12-1.00mm	Beam	0,562599	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
1520	CC80-47-12-1.00mm	Beam	0,750234	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,23

1522	CC80-47-12-1.00mm	Beam	0,62713	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1523	CC80-47-12-1.00mm	Beam	0,438695	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
1524	CC80-47-12-1.00mm	Beam	0,339471	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,6
1525	CC80-47-12-1.00mm	Beam	0,460568	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,6
1526	CC80-47-12-1.00mm	Beam	0,464406	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
1527	CC80-47-12-1.00mm	Beam	0,356015	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1528	CC80-47-12-1.00mm	Beam	0,434705	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1529	CC80-47-12-1.00mm	Beam	0,372221	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,6
1530	CC80-47-12-1.00mm	Beam	0,812502	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1531	CC80-47-12-1.00mm	Beam	0,841116	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1532	CC80-47-12-1.00mm	Beam	0,602946	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
1533	CC80-47-12-1.00mm	Beam	0,280033	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,6
1534	CC80-47-12-1.00mm	Beam	0,516327	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1535	CC80-47-12-1.00mm	Beam	0,538042	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
1536	CC80-47-12-1.00mm	Beam	0,328284	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,6
1537	CC80-47-12-1.00mm	Beam	0,56177	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1538	CC80-47-12-1.00mm	Beam	0,647211	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,6
1539	CC80-47-12-1.00mm	Beam	0,764781	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,501
1543	CC80-47-12-1.20mm	Column	0,813053	PMM	0.9G+1.0EXP	0
1544	CC80-47-12-1.20mm	Column	0,681303	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1545	CC80-47-12-1.20mm	Column	0,687346	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1546	CC80-47-12-1.20mm	Column	0,685483	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1547	CC80-47-12-1.20mm	Column	0,694183	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1548	CC80-47-12-1.20mm	Column	0,881938	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1549	CC80-47-12-1.00mm	Column	0,706775	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,2
1550	CC80-47-12-1.00mm	Column	0,717881	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,2
1551	CC80-47-12-1.00mm	Column	0,652958	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,2
1552	CC80-47-12-1.00mm	Column	0,69408	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,2
1553	CC80-47-12-1.00mm	Column	0,711669	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,2
1554	CC80-47-12-1.00mm	Column	0,712147	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,2
1555	CC80-47-12-1.20mm	Beam	0,926419	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1556	CC80-47-12-1.20mm	Beam	0,638588	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,6
1557	CC80-47-12-1.20mm	Beam	0,627005	PMM	0.9G+1.0EXP	0
1558	CC80-47-12-1.20mm	Beam	0,628236	PMM	0.9G+1.0EXP	0,6
1559	CC80-47-12-1.20mm	Beam	0,635567	PMM	0.9G+1.0EXP	0,6
1560	CC80-47-12-1.20mm	Beam	0,639673	PMM	0.9G+1.0EXP	0
1562	CC80-47-12-1.20mm	Beam	0,586532	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1563	CC80-47-12-1.20mm	Beam	0,526745	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1564	CC80-47-12-1.20mm	Beam	0,43306	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1565	CC80-47-12-1.20mm	Beam	0,460949	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,6
1566	CC80-47-12-1.20mm	Beam	0,520466	PMM	0.9G+1.0EXN	0,6
1567	CC80-47-12-1.20mm	Beam	0,742114	PMM	0.9G+1.0EXN	0,6
1569	CC80-47-12-1.20mm	Beam	0,830793	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1570	CC80-47-12-1.20mm	Beam	0,321485	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,6
1571	CC80-47-12-1.20mm	Beam	0,356999	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1572	CC80-47-12-1.20mm	Beam	0,340391	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1573	CC80-47-12-1.20mm	Beam	0,349126	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,6
1574	CC80-47-12-1.20mm	Beam	0,333231	PMM	1.2G+1.0Q+0.2S+1.0EXN	0

1575	CC80-47-12-1.20mm	Beam	0,548457	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,448
1576	CC80-47-12-1.20mm	Beam	0,590808	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1577	CC80-47-12-1.20mm	Beam	0,351855	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1578	CC80-47-12-1.20mm	Beam	0,261493	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1579	CC80-47-12-1.20mm	Beam	0,215512	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1580	CC80-47-12-1.20mm	Beam	0,184048	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,6
1581	CC80-47-12-1.20mm	Beam	0,274999	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,6
1582	CC80-47-12-1.20mm	Beam	0,245354	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,448
1584	CC80-47-12-1.00mm	Beam	0,433241	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1585	CC80-47-12-1.00mm	Beam	0,612339	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1586	CC80-47-12-1.00mm	Beam	0,546255	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,6
1587	CC80-47-12-1.00mm	Beam	0,485592	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,6
1588	CC80-47-12-1.00mm	Beam	0,545351	PMM	0.9G+1.0EXP	0,6
1589	CC80-47-12-1.00mm	Beam	0,761266	PMM	0.9G+1.0EXP	0,6
1591	CC80-47-12-1.00mm	Beam	0,751562	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1592	CC80-47-12-1.00mm	Beam	0,764646	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1593	CC80-47-12-1.00mm	Beam	0,710527	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,6
1594	CC80-47-12-1.00mm	Beam	0,63878	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,6
1595	CC80-47-12-1.00mm	Beam	0,683534	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1596	CC80-47-12-1.00mm	Beam	0,721723	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,6
1598	CC140-47-12-1.20mm	Beam	0,483003	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1599	CC140-47-12-1.20mm	Beam	0,694928	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1600	CC140-47-12-1.20mm	Beam	0,423848	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,105
1601	CC140-47-12-1.20mm	Beam	0,549247	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1602	CC140-47-12-1.20mm	Column	0,717156	PMM	1.2G+1.0Q+0.2S+1.0EYN	2,4
1605	CC140-47-12-1.00mm	Beam	0,595422	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,105
1606	CC140-47-12-1.00mm	Beam	0,911553	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1607	CC140-47-12-1.00mm	Beam	0,368283	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1608	CC140-47-12-1.00mm	Beam	0,764733	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1609	CC140-47-12-1.00mm	Column	0,731976	PMM	1.2G+1.0Q+0.2S+1.0EYP	2,4
1627	CC140-47-12-1.00mm	Beam	0,631989	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,12
1629	CC140-47-12-1.00mm	Beam	0,742795	PMM	0.9G+1.0EXP	0
1630	CC140-47-12-1.00mm	Beam	0,495084	PMM	0.9G+1.0EXP	0
1631	CC140-47-12-1.00mm	Beam	0,404084	PMM	0.9G+1.0EXP	0
1634	CC140-47-12-1.00mm	Beam	0,439451	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1635	CC140-47-12-1.00mm	Beam	0,826956	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,16
1637	CC140-47-12-1.00mm	Beam	0,618339	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1638	CC140-47-12-1.00mm	Beam	0,650642	PMM	0.9G+1.0EXN	0,12
1640	CC140-47-12-1.00mm	Beam	0,66282	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1641	CC140-47-12-1.00mm	Beam	0,426488	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1642	CC140-47-12-1.00mm	Beam	0,354224	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1645	CC140-47-12-1.00mm	Beam	0,46586	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1646	CC140-47-12-1.00mm	Beam	0,840084	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,16
1648	CC140-47-12-1.00mm	Beam	0,531206	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1649	CC140-47-12-1.00mm	Beam	0,493973	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1651	CC140-47-12-1.00mm	Beam	0,417227	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1654	CC140-47-12-1.00mm	Beam	0,276403	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,125
1656	CC140-47-12-1.00mm	Beam	0,474363	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,1

1666	CC140-47-12-1.00mm	Beam	0,361215	PMM	0.9G+1.0EXN	0,12
1680	CC140-47-12-1.00mm	Beam	0,279658	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1685	CC140-47-12-1.00mm	Beam	0,177694	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1687	CC140-47-12-1.00mm	Beam	0,282903	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1688	CC140-47-12-1.00mm	Beam	0,358182	PMM	0.9G+1.0EXP	0,12
1692	CC140-47-12-1.00mm	Beam	0,464911	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,576
1696	CC140-47-12-1.00mm	Beam	0,399258	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1697	CC140-47-12-1.00mm	Beam	0,878533	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,53
1700	CC140-47-12-1.00mm	Beam	0,848489	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,105
1701	CC140-47-12-1.00mm	Beam	0,913499	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1703	CC140-47-12-1.00mm	Beam	0,509261	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,243
1705	CC140-47-12-1.00mm	Beam	0,870334	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,525
1708	CC140-47-12-1.00mm	Beam	0,491348	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1709	CC140-47-12-1.00mm	Beam	0,525757	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,576
1713	CC140-47-12-1.00mm	Beam	0,692145	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,53
1716	CC140-47-12-1.00mm	Beam	0,831608	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,602
1718	CC140-47-12-1.00mm	Beam	0,469451	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,243
1720	CC140-47-12-1.00mm	Beam	0,898078	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,525
1723	CC140-47-12-1.00mm	Beam	0,58827	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
1724	CC140-47-12-1.00mm	Beam	0,85913	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1726	CC140-47-12-1.00mm	Beam	0,59255	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,27
1727	CC80-47-12-1.00mm	Beam	0,718333	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1729	CC80-47-12-1.00mm	Beam	0,801364	PMM	1.2G+1.0Q+0.5S+1.6RYN	0,6
1732	CC80-47-12-1.00mm	Beam	0,790004	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,6
1735	CC80-47-12-1.00mm	Beam	0,735355	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
1736	CC80-47-12-1.00mm	Beam	0,526047	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,23
1737	CC80-47-12-1.00mm	Beam	0,660396	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1739	CC80-47-12-1.00mm	Beam	0,812344	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,6
1742	CC80-47-12-1.00mm	Beam	0,822869	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1745	CC80-47-12-1.00mm	Beam	0,761968	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
1746	CC80-47-12-1.00mm	Beam	0,566083	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,23
1747	CC140-47-12-1.00mm	Beam	0,897211	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1749	CC140-47-12-1.00mm	Beam	0,613529	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,27
1853	ARAKAT 1.20mm	Beam	0,537877	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,697
1873	ARAKAT 1.20mm	Beam	0,596473	PMM	1.2G+1.0Q+0.2S+1.0EYN	3,91
1893	ARAKAT 1.20mm	Brace	0,559796	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1894	ARAKAT 1.20mm	Brace	0,308442	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
1895	ARAKAT 1.20mm	Brace	0,335751	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1896	ARAKAT 1.20mm	Brace	0,239517	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1897	ARAKAT 1.20mm	Brace	0,318112	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
1898	ARAKAT 1.20mm	Brace	0,184836	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
1899	ARAKAT 1.20mm	Brace	0,2004	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
1900	ARAKAT 1.20mm	Brace	0,112325	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
1901	ARAKAT 1.20mm	Brace	0,140903	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
1902	ARAKAT 1.20mm	Brace	0,102645	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1903	ARAKAT 1.20mm	Brace	0,110433	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
1904	ARAKAT 1.20mm	Brace	0,127781	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1905	ARAKAT 1.20mm	Brace	0,124393	PMM	1.2G+1.0Q+0.2S+1.0EXP	0

1906	ARAKAT 1.20mm	Brace	0,18815	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1907	ARAKAT 1.20mm	Brace	0,139263	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1908	ARAKAT 1.20mm	Brace	0,293539	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
1909	ARAKAT 1.20mm	Brace	0,261574	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1910	ARAKAT 1.20mm	Brace	0,475045	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
1911	ARAKAT 1.20mm	Brace	0,445094	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1912	ARAKAT 1.20mm	Brace	0,304463	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
1913	ARAKAT 1.20mm	Brace	0,305163	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1914	ARAKAT 1.20mm	Brace	0,411609	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,44829
1915	ARAKAT 1.20mm	Brace	0,429519	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1916	ARAKAT 1.20mm	Brace	0,247407	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
1917	ARAKAT 1.20mm	Brace	0,259392	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
1918	ARAKAT 1.20mm	Brace	0,178233	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
1919	ARAKAT 1.20mm	Brace	0,186827	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
1920	ARAKAT 1.20mm	Brace	0,118702	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
1921	ARAKAT 1.20mm	Brace	0,130751	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
1922	ARAKAT 1.20mm	Brace	0,103565	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1923	ARAKAT 1.20mm	Brace	0,113399	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
1924	ARAKAT 1.20mm	Brace	0,135333	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1925	ARAKAT 1.20mm	Brace	0,117159	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1926	ARAKAT 1.20mm	Brace	0,202097	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1927	ARAKAT 1.20mm	Brace	0,151122	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1928	ARAKAT 1.20mm	Brace	0,315867	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
1929	ARAKAT 1.20mm	Brace	0,269273	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1930	ARAKAT 1.20mm	Brace	0,367188	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
1931	ARAKAT 1.20mm	Brace	0,31109	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1932	ARAKAT 1.20mm	Brace	0,636877	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
1933	ARAKAT 1.20mm	Column	0,558522	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1934	ARAKAT 1.20mm	Column	0,487848	PMM	0.9G+1.6RYP	0,4
1936	ARAKAT 1.20mm	Column	0,635758	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1937	ARAKAT 1.20mm	Column	0,477236	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4
1971	ARAKAT 1.20mm	Brace	0,343809	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1972	ARAKAT 1.20mm	Brace	0,415364	PMM	0.9G+1.0EXN	0,44182
1973	ARAKAT 1.20mm	Brace	0,37601	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1974	ARAKAT 1.20mm	Brace	0,611224	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44182
1975	ARAKAT 1.20mm	Brace	0,442253	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1976	ARAKAT 1.20mm	Brace	0,225625	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1977	ARAKAT 1.20mm	Brace	0,147998	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1978	ARAKAT 1.20mm	Brace	0,168851	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1979	ARAKAT 1.20mm	Brace	0,263227	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44182
1980	ARAKAT 1.20mm	Brace	0,388783	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44214
1981	ARAKAT 1.20mm	Brace	0,462487	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1982	ARAKAT 1.20mm	Brace	0,159962	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
1983	ARAKAT 1.20mm	Brace	0,13738	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
1984	ARAKAT 1.20mm	Brace	0,087498	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1985	ARAKAT 1.20mm	Brace	0,096585	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
1986	ARAKAT 1.20mm	Brace	0,215141	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
1987	ARAKAT 1.20mm	Column	0,563366	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4

1988	ARAKAT 1.20mm	Column	0,567993	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4
1993	ARAKAT 1.20mm	Brace	0,316203	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
1994	ARAKAT 1.20mm	Brace	0,123353	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
1995	ARAKAT 1.20mm	Brace	0,228368	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
1996	ARAKAT 1.20mm	Brace	0,084411	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
1997	ARAKAT 1.20mm	Brace	0,148425	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
1998	ARAKAT 1.20mm	Brace	0,075489	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
1999	ARAKAT 1.20mm	Brace	0,095919	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2000	ARAKAT 1.20mm	Brace	0,064944	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
2001	ARAKAT 1.20mm	Brace	0,07547	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
2002	ARAKAT 1.20mm	Brace	0,05422	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2003	ARAKAT 1.20mm	Brace	0,062839	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
2004	ARAKAT 1.20mm	Brace	0,088028	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2005	ARAKAT 1.20mm	Brace	0,079335	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,44829
2006	ARAKAT 1.20mm	Brace	0,123762	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2007	ARAKAT 1.20mm	Brace	0,104974	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,44829
2008	ARAKAT 1.20mm	Brace	0,159443	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2009	ARAKAT 1.20mm	Brace	0,12846	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2010	ARAKAT 1.20mm	Brace	0,208874	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2011	ARAKAT 1.20mm	Brace	0,207166	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,44829
2012	ARAKAT 1.20mm	Brace	0,240831	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2013	ARAKAT 1.20mm	Brace	0,250001	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2014	ARAKAT 1.20mm	Brace	0,196877	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2015	ARAKAT 1.20mm	Brace	0,203031	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2016	ARAKAT 1.20mm	Brace	0,131801	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2017	ARAKAT 1.20mm	Brace	0,148283	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2018	ARAKAT 1.20mm	Brace	0,09103	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
2019	ARAKAT 1.20mm	Brace	0,106385	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2020	ARAKAT 1.20mm	Brace	0,076235	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2021	ARAKAT 1.20mm	Brace	0,072173	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
2022	ARAKAT 1.20mm	Brace	0,065583	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2023	ARAKAT 1.20mm	Brace	0,05394	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,44829
2024	ARAKAT 1.20mm	Brace	0,073692	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2025	ARAKAT 1.20mm	Brace	0,057193	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,44829
2026	ARAKAT 1.20mm	Brace	0,101913	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2027	ARAKAT 1.20mm	Brace	0,0716	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2028	ARAKAT 1.20mm	Brace	0,155397	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2029	ARAKAT 1.20mm	Brace	0,090354	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2030	ARAKAT 1.20mm	Brace	0,237596	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2031	ARAKAT 1.20mm	Brace	0,129626	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2032	ARAKAT 1.20mm	Brace	0,330503	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2033	ARAKAT 1.20mm	Column	0,280348	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2035	ARAKAT 1.20mm	Column	0,276333	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2053	ARAKAT 1.20mm	Beam	0,536935	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2069	ARAKAT 1.20mm	Brace	0,216288	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2070	ARAKAT 1.20mm	Brace	0,115175	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182
2071	ARAKAT 1.20mm	Brace	0,16496	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182
2072	ARAKAT 1.20mm	Brace	0,084482	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182

2073	ARAKAT 1.20mm	Brace	0,099566	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182
2074	ARAKAT 1.20mm	Brace	0,045918	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182
2075	ARAKAT 1.20mm	Brace	0,048359	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182
2076	ARAKAT 1.20mm	Brace	0,027946	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2077	ARAKAT 1.20mm	Brace	0,025352	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44182
2078	ARAKAT 1.20mm	Brace	0,03729	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2079	ARAKAT 1.20mm	Brace	0,044476	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,4415
2080	ARAKAT 1.20mm	Brace	0,085937	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2081	ARAKAT 1.20mm	Brace	0,074442	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2082	ARAKAT 1.20mm	Brace	0,150737	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2083	ARAKAT 1.20mm	Brace	0,109892	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2084	ARAKAT 1.20mm	Brace	0,199184	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182
2085	ARAKAT 1.20mm	Column	0,26666	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,4
2086	ARAKAT 1.20mm	Column	0,265831	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,4
2091	ARAKAT 1.20mm	Brace	0,245603	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2092	ARAKAT 1.20mm	Brace	0,114429	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2093	ARAKAT 1.20mm	Brace	0,192743	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
2094	ARAKAT 1.20mm	Brace	0,072578	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2095	ARAKAT 1.20mm	Brace	0,1365	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
2096	ARAKAT 1.20mm	Brace	0,069686	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2097	ARAKAT 1.20mm	Brace	0,093156	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2098	ARAKAT 1.20mm	Brace	0,053698	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2099	ARAKAT 1.20mm	Brace	0,07147	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2100	ARAKAT 1.20mm	Brace	0,046757	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2101	ARAKAT 1.20mm	Brace	0,071885	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2102	ARAKAT 1.20mm	Brace	0,054296	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2103	ARAKAT 1.20mm	Brace	0,079725	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2104	ARAKAT 1.20mm	Brace	0,082672	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2105	ARAKAT 1.20mm	Brace	0,092282	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,44829
2106	ARAKAT 1.20mm	Brace	0,114867	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2107	ARAKAT 1.20mm	Brace	0,114686	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2108	ARAKAT 1.20mm	Brace	0,172571	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2109	ARAKAT 1.20mm	Brace	0,156866	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2110	ARAKAT 1.20mm	Brace	0,225275	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2111	ARAKAT 1.20mm	Brace	0,236515	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2112	ARAKAT 1.20mm	Brace	0,142615	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2113	ARAKAT 1.20mm	Brace	0,156273	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2114	ARAKAT 1.20mm	Brace	0,111468	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2115	ARAKAT 1.20mm	Brace	0,110967	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2116	ARAKAT 1.20mm	Brace	0,083037	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2117	ARAKAT 1.20mm	Brace	0,084044	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2118	ARAKAT 1.20mm	Brace	0,072317	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2119	ARAKAT 1.20mm	Brace	0,05695	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2120	ARAKAT 1.20mm	Brace	0,071374	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2121	ARAKAT 1.20mm	Brace	0,052499	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2122	ARAKAT 1.20mm	Brace	0,077053	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2123	ARAKAT 1.20mm	Brace	0,058354	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2124	ARAKAT 1.20mm	Brace	0,099365	PMM	1.2G+1.0Q+0.2S+1.0EYP	0

2125	ARAKAT 1.20mm	Brace	0,069803	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
2126	ARAKAT 1.20mm	Brace	0,127353	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2127	ARAKAT 1.20mm	Brace	0,080536	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
2128	ARAKAT 1.20mm	Brace	0,178862	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2129	ARAKAT 1.20mm	Brace	0,114837	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2130	ARAKAT 1.20mm	Brace	0,266163	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2131	ARAKAT 1.20mm	Column	0,188549	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4
2132	ARAKAT 1.20mm	Column	0,2185	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4
2149	ARAKAT 1.20mm	Beam	0,563698	PMM	1.2G+1.0Q+0.2S+1.0EYP	11,098
2165	ARAKAT 1.20mm	Brace	0,218481	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182
2166	ARAKAT 1.20mm	Brace	0,114025	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182
2167	ARAKAT 1.20mm	Brace	0,170602	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182
2168	ARAKAT 1.20mm	Brace	0,080108	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182
2169	ARAKAT 1.20mm	Brace	0,100514	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182
2170	ARAKAT 1.20mm	Brace	0,038939	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182
2171	ARAKAT 1.20mm	Brace	0,047289	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182
2172	ARAKAT 1.20mm	Brace	0,018288	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
2173	ARAKAT 1.20mm	Brace	0,019857	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,44182
2174	ARAKAT 1.20mm	Brace	0,051372	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2175	ARAKAT 1.20mm	Brace	0,03858	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2176	ARAKAT 1.20mm	Brace	0,103238	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2177	ARAKAT 1.20mm	Brace	0,07786	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2178	ARAKAT 1.20mm	Brace	0,170542	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2179	ARAKAT 1.20mm	Brace	0,109811	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2180	ARAKAT 1.20mm	Brace	0,216172	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2181	ARAKAT 1.20mm	Column	0,231895	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,4
2182	ARAKAT 1.20mm	Column	0,235014	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,4
2187	ARAKAT 1.20mm	Brace	0,347923	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2188	ARAKAT 1.20mm	Brace	0,133493	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
2189	ARAKAT 1.20mm	Brace	0,234132	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2190	ARAKAT 1.20mm	Brace	0,084015	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2191	ARAKAT 1.20mm	Brace	0,14065	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2192	ARAKAT 1.20mm	Brace	0,067144	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2193	ARAKAT 1.20mm	Brace	0,091291	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2194	ARAKAT 1.20mm	Brace	0,049954	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2195	ARAKAT 1.20mm	Brace	0,066764	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
2196	ARAKAT 1.20mm	Brace	0,043597	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2197	ARAKAT 1.20mm	Brace	0,06948	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2198	ARAKAT 1.20mm	Brace	0,063889	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2199	ARAKAT 1.20mm	Brace	0,078076	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2200	ARAKAT 1.20mm	Brace	0,092714	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2201	ARAKAT 1.20mm	Brace	0,08695	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2202	ARAKAT 1.20mm	Brace	0,125379	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2203	ARAKAT 1.20mm	Brace	0,118823	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2204	ARAKAT 1.20mm	Brace	0,190273	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2205	ARAKAT 1.20mm	Brace	0,158531	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2206	ARAKAT 1.20mm	Brace	0,24258	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2207	ARAKAT 1.20mm	Brace	0,237913	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829

2208	ARAKAT 1.20mm	Brace	0,161334	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2209	ARAKAT 1.20mm	Brace	0,187295	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2210	ARAKAT 1.20mm	Brace	0,121092	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2211	ARAKAT 1.20mm	Brace	0,128052	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2212	ARAKAT 1.20mm	Brace	0,086232	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2213	ARAKAT 1.20mm	Brace	0,094718	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2214	ARAKAT 1.20mm	Brace	0,078003	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2215	ARAKAT 1.20mm	Brace	0,064461	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2216	ARAKAT 1.20mm	Brace	0,070891	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2217	ARAKAT 1.20mm	Brace	0,046569	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
2218	ARAKAT 1.20mm	Brace	0,070002	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2219	ARAKAT 1.20mm	Brace	0,051789	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
2220	ARAKAT 1.20mm	Brace	0,098914	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2221	ARAKAT 1.20mm	Brace	0,069507	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2222	ARAKAT 1.20mm	Brace	0,153284	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2223	ARAKAT 1.20mm	Brace	0,090681	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2224	ARAKAT 1.20mm	Brace	0,246433	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2225	ARAKAT 1.20mm	Brace	0,131928	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2226	ARAKAT 1.20mm	Brace	0,349494	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2227	ARAKAT 1.20mm	Column	0,287246	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2228	ARAKAT 1.20mm	Column	0,27497	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2261	ARAKAT 1.20mm	Brace	0,254033	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2262	ARAKAT 1.20mm	Brace	0,114814	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
2263	ARAKAT 1.20mm	Brace	0,120826	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
2264	ARAKAT 1.20mm	Brace	0,108642	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2265	ARAKAT 1.20mm	Brace	0,167527	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44182
2266	ARAKAT 1.20mm	Brace	0,133953	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2267	ARAKAT 1.20mm	Brace	0,141219	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44182
2268	ARAKAT 1.20mm	Brace	0,099154	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2269	ARAKAT 1.20mm	Brace	0,067154	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
2270	ARAKAT 1.20mm	Brace	0,103158	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2271	ARAKAT 1.20mm	Brace	0,0677	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,4415
2272	ARAKAT 1.20mm	Brace	0,10463	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2273	ARAKAT 1.20mm	Brace	0,107186	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44182
2274	ARAKAT 1.20mm	Brace	0,126453	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2275	ARAKAT 1.20mm	Brace	0,092361	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
2276	ARAKAT 1.20mm	Brace	0,214038	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
2277	ARAKAT 1.20mm	Column	0,603101	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4
2278	ARAKAT 1.20mm	Column	0,585923	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4
2283	ARAKAT 1.20mm	Brace	0,455267	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,44829
2284	ARAKAT 1.20mm	Brace	0,628413	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,44829
2285	ARAKAT 1.20mm	Brace	0,582057	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2286	ARAKAT 1.20mm	Brace	0,471001	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,44829
2287	ARAKAT 1.20mm	Brace	0,751628	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
2288	ARAKAT 1.20mm	Brace	0,501297	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2289	ARAKAT 1.20mm	Brace	0,285434	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
2290	ARAKAT 1.20mm	Brace	0,159612	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,44829
2291	ARAKAT 1.20mm	Brace	0,29135	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829

2292	ARAKAT 1.20mm	Brace	0,198887	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2293	ARAKAT 1.20mm	Brace	0,155432	PMM	0.9G+1.0EXP	0,44829
2294	ARAKAT 1.20mm	Brace	0,202629	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2295	ARAKAT 1.20mm	Brace	0,085008	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
2296	ARAKAT 1.20mm	Brace	0,15455	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2297	ARAKAT 1.20mm	Brace	0,107474	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
2298	ARAKAT 1.20mm	Brace	0,142573	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2299	ARAKAT 1.20mm	Brace	0,120425	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
2300	ARAKAT 1.20mm	Brace	0,198705	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2301	ARAKAT 1.20mm	Brace	0,163835	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2302	ARAKAT 1.20mm	Brace	0,258146	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
2303	ARAKAT 1.20mm	Brace	0,221498	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2304	ARAKAT 1.20mm	Brace	0,192698	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
2305	ARAKAT 1.20mm	Brace	0,192123	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
2306	ARAKAT 1.20mm	Brace	0,114207	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,44829
2307	ARAKAT 1.20mm	Brace	0,13036	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
2308	ARAKAT 1.20mm	Brace	0,097229	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,44829
2309	ARAKAT 1.20mm	Brace	0,12952	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
2310	ARAKAT 1.20mm	Brace	0,08934	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2311	ARAKAT 1.20mm	Brace	0,130127	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
2312	ARAKAT 1.20mm	Brace	0,137175	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2313	ARAKAT 1.20mm	Brace	0,144944	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
2314	ARAKAT 1.20mm	Brace	0,164835	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2315	ARAKAT 1.20mm	Brace	0,211924	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
2316	ARAKAT 1.20mm	Brace	0,456906	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,44829
2317	ARAKAT 1.20mm	Brace	0,736301	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
2318	ARAKAT 1.20mm	Brace	0,470852	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2319	ARAKAT 1.20mm	Brace	0,523053	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
2320	ARAKAT 1.20mm	Brace	0,770575	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
2321	ARAKAT 1.20mm	Brace	0,431651	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
2322	ARAKAT 1.20mm	Brace	0,652042	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
2323	ARAKAT 1.20mm	Column	0,409829	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,4
2324	ARAKAT 1.20mm	Column	0,652141	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2344	ARAKAT 1.20mm	Beam	0,378522	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
2347	ARAKAT 1.20mm	Beam	0,180263	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,37525
2348	ARAKAT 1.20mm	Beam	0,917737	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,18838
2350	ARAKAT 1.20mm	Beam	0,237608	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,37525
2351	ARAKAT 1.20mm	Beam	0,337275	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,37525
2354	ARAKAT 1.20mm	Beam	0,728661	PMM	1.2G+1.0Q+0.2S+1.0EXP	4,048
2355	ARAKAT 1.20mm	Beam	0,297571	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,37525
2357	ARAKAT 1.20mm	Beam	0,413963	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
2358	ARAKAT 1.20mm	Beam	0,28751	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,12425
2359	ARAKAT 1.20mm	Beam	0,172296	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,376
2360	ARAKAT 1.20mm	Beam	0,190649	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2361	ARAKAT 1.20mm	Beam	0,211165	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,2005
2362	ARAKAT 1.20mm	Beam	0,354481	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,27525
2363	ARAKAT 1.20mm	Beam	0,524722	PMM	1.2G+1.0Q+0.2S+1.0EYN	4,048
2366	ARAKAT 1.20mm	Brace	0,235806	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182

2367	ARAKAT 1.20mm	Brace	0,148611	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182
2368	ARAKAT 1.20mm	Brace	0,171812	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182
2369	ARAKAT 1.20mm	Brace	0,105734	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182
2370	ARAKAT 1.20mm	Brace	0,132906	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44182
2371	ARAKAT 1.20mm	Brace	0,068549	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44182
2372	ARAKAT 1.20mm	Brace	0,088466	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44182
2373	ARAKAT 1.20mm	Brace	0,054256	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
2374	ARAKAT 1.20mm	Brace	0,053998	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,44182
2375	ARAKAT 1.20mm	Brace	0,092444	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2376	ARAKAT 1.20mm	Brace	0,068087	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2377	ARAKAT 1.20mm	Brace	0,13621	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2378	ARAKAT 1.20mm	Brace	0,106778	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2379	ARAKAT 1.20mm	Brace	0,177398	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2380	ARAKAT 1.20mm	Brace	0,154433	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2381	ARAKAT 1.20mm	Brace	0,241985	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2382	ARAKAT 1.20mm	Beam	0,290865	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
2383	ARAKAT 1.20mm	Beam	0,166587	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2384	ARAKAT 1.20mm	Beam	0,123971	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2385	ARAKAT 1.20mm	Beam	0,109099	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,37525
2386	ARAKAT 1.20mm	Beam	0,112786	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2387	ARAKAT 1.20mm	Beam	0,127102	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,18688
2388	ARAKAT 1.20mm	Beam	0,170951	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,37525
2389	ARAKAT 1.20mm	Beam	0,277481	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,37525
2390	ARAKAT 1.20mm	Beam	0,56436	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,18762
2391	ARAKAT 1.20mm	Beam	0,513397	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
2392	ARAKAT 1.20mm	Beam	0,22787	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
2393	ARAKAT 1.20mm	Beam	0,201128	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,37525
2394	ARAKAT 1.20mm	Beam	0,198483	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,37525
2395	ARAKAT 1.20mm	Beam	0,201054	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2396	ARAKAT 1.20mm	Beam	0,205586	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2397	ARAKAT 1.20mm	Beam	0,234162	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,37525
2398	ARAKAT 1.20mm	Beam	0,548788	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,37525
2399	ARAKAT 1.20mm	Beam	0,580398	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
2536	MAKAS 1.00mm	Beam	0,231054	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2537	MAKAS 1.00mm	Beam	0,245835	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,74362
2538	MAKAS 1.00mm	Beam	0,360505	PMM	0.9G+1.0EXN	0
2539	MAKAS 1.00mm	Beam	0,533417	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
2546	MAKAS 1.00mm	Beam	0,500579	PMM	0.9G+1.0EXP	0
2547	MAKAS 1.00mm	Beam	0,346562	PMM	0.9G+1.0EXP	0,74363
2548	MAKAS 1.00mm	Beam	0,24643	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2549	MAKAS 1.00mm	Beam	0,2319	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,74363
2551	MAKAS 1.00mm	Brace	0,515629	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2552	MAKAS 1.00mm	Brace	0,656228	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2553	MAKAS 1.00mm	Brace	0,483461	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,78063
2554	MAKAS 1.00mm	Brace	0,395551	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,39032
2555	MAKAS 1.00mm	Brace	0,265883	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,41934
2556	MAKAS 1.00mm	Brace	0,434859	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,33399
2557	MAKAS 1.00mm	Brace	0,363525	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,78063

2558	MAKAS 1.00mm	Brace	0,617411	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,78063
2559	MAKAS 1.00mm	Brace	0,614103	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2560	MAKAS 1.00mm	Brace	0,361487	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2561	MAKAS 1.00mm	Brace	0,375396	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,39032
2562	MAKAS 1.00mm	Brace	0,242946	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2563	MAKAS 1.00mm	Brace	0,384029	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,39032
2564	MAKAS 1.00mm	Brace	0,471414	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2565	MAKAS 1.00mm	Brace	0,64836	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,78063
2566	MAKAS 1.00mm	Brace	0,468886	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,78063
2567	MAKAS 1.00mm	Brace	0,487681	PMM	1.2G+1.0Q+0.2S+1.0EYN	1,81964
2568	MAKAS 1.00mm	Brace	0,475518	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2569	MAKAS 1.00mm	Brace	0,460946	PMM	1.2G+1.0Q+0.2S+1.0EYN	1,58789
2570	MAKAS 1.00mm	Brace	0,854698	PMM	1.2G+1.0Q+0.2S+1.0EYN	1,59117
2572	MAKAS 1.00mm	Brace	0,342535	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2573	MAKAS 1.00mm	Brace	0,503776	PMM	1.2G+1.0Q+0.2S+1.0EYN	1,13158
2574	MAKAS 1.00mm	Brace	0,250579	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2575	MAKAS 1.00mm	Brace	0,245838	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,91062
2576	MAKAS 1.00mm	Brace	0,131744	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2577	MAKAS 1.00mm	Brace	0,104852	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2578	MAKAS 1.00mm	Brace	0,146521	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2579	MAKAS 1.00mm	Brace	0,084056	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
2580	MAKAS 1.00mm	Brace	0,274245	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2581	MAKAS 1.00mm	Column	0,730557	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,2375
2582	MAKAS 1.00mm	Brace	0,488054	PMM	1.2G+1.0Q+0.2S+1.0EYN	1,81964
2583	MAKAS 1.00mm	Brace	0,465218	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2584	MAKAS 1.00mm	Brace	0,461859	PMM	1.2G+1.0Q+0.2S+1.0EYN	1,58789
2585	MAKAS 1.00mm	Brace	0,352336	PMM	1.2G+1.0Q+0.2S+1.0EYN	1,59117
2587	MAKAS 1.00mm	Brace	0,339932	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2588	MAKAS 1.00mm	Brace	0,508333	PMM	1.2G+1.0Q+0.2S+1.0EYN	1,13121
2589	MAKAS 1.00mm	Brace	0,247406	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2590	MAKAS 1.00mm	Brace	0,237481	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,91062
2591	MAKAS 1.00mm	Brace	0,129809	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2592	MAKAS 1.00mm	Brace	0,104745	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2593	MAKAS 1.00mm	Brace	0,14769	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2594	MAKAS 1.00mm	Brace	0,082775	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2595	MAKAS 1.00mm	Brace	0,28771	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2596	MAKAS 1.00mm	Column	0,779948	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,2375
2598	MAKAS 1.00mm	Beam	0,540397	PMM	0.9G+1.0EXP	0
2599	MAKAS 1.00mm	Beam	0,457739	PMM	0.9G+1.0EXP	0
2600	MAKAS 1.00mm	Beam	0,499735	PMM	0.9G+1.0EXP	0
2601	MAKAS 1.00mm	Beam	0,606961	PMM	0.9G+1.0EXP	0,74363
2603	MAKAS 1.00mm	Beam	0,64103	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2604	MAKAS 1.00mm	Beam	0,39704	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,74363
2605	MAKAS 1.00mm	Beam	0,347138	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,74363
2606	MAKAS 1.00mm	Beam	0,642631	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,74363
2608	MAKAS 1.00mm	Beam	0,409147	PMM	0.9G+1.0EYN	0,74363
2609	MAKAS 1.00mm	Beam	0,298137	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,74363
2610	MAKAS 1.00mm	Beam	0,21289	PMM	1.2G+1.0Q+0.2S+1.0EYN	0

2611	MAKAS 1.00mm	Beam	0,175876	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,74363
2613	MAKAS 1.00mm	Brace	0,536261	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2615	MAKAS 1.00mm	Brace	0,801065	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,39032
2616	MAKAS 1.00mm	Brace	0,65149	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,39032
2617	MAKAS 1.00mm	Brace	0,44465	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,41934
2618	MAKAS 1.00mm	Brace	0,614561	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,33399
2619	MAKAS 1.00mm	Brace	0,555379	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,78063
2620	MAKAS 1.00mm	Brace	0,495052	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,78063
2621	MAKAS 1.00mm	Brace	0,48678	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2622	MAKAS 1.00mm	Brace	0,545964	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2623	MAKAS 1.00mm	Brace	0,552752	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,39032
2624	MAKAS 1.00mm	Brace	0,414912	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,39032
2625	MAKAS 1.00mm	Brace	0,633687	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,39032
2626	MAKAS 1.00mm	Brace	0,784986	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,39032
2628	MAKAS 1.00mm	Brace	0,523798	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,78063
2629	MAKAS 1.00mm	Brace	0,429406	PMM	1.2G+1.0Q+0.2S+1.0EYN	1,81964
2630	MAKAS 1.00mm	Brace	0,448435	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2631	MAKAS 1.00mm	Brace	0,523963	PMM	1.2G+1.0Q+0.2S+1.0EYN	1,58789
2634	MAKAS 1.00mm	Brace	0,44431	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2635	MAKAS 1.00mm	Brace	0,513941	PMM	1.2G+1.0Q+0.2S+1.0EYN	1,13158
2636	MAKAS 1.00mm	Brace	0,308651	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2637	MAKAS 1.00mm	Brace	0,21343	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2638	MAKAS 1.00mm	Brace	0,1827	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2639	MAKAS 1.00mm	Brace	0,120475	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2640	MAKAS 1.00mm	Brace	0,215186	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2641	MAKAS 1.00mm	Brace	0,132381	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,51494
2642	MAKAS 1.00mm	Brace	0,318393	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2643	MAKAS 1.00mm	Column	0,854907	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,2375
2644	MAKAS 1.00mm	Brace	0,429803	PMM	1.2G+1.0Q+0.2S+1.0EYN	1,81964
2645	MAKAS 1.00mm	Brace	0,449769	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2646	MAKAS 1.00mm	Brace	0,521749	PMM	1.2G+1.0Q+0.2S+1.0EYN	1,58789
2649	MAKAS 1.00mm	Brace	0,440049	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2650	MAKAS 1.00mm	Brace	0,514797	PMM	1.2G+1.0Q+0.2S+1.0EYN	1,13121
2651	MAKAS 1.00mm	Brace	0,305475	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2652	MAKAS 1.00mm	Brace	0,215235	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2653	MAKAS 1.00mm	Brace	0,180412	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2654	MAKAS 1.00mm	Brace	0,121614	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2655	MAKAS 1.00mm	Brace	0,219168	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2656	MAKAS 1.00mm	Brace	0,134182	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,51494
2657	MAKAS 1.00mm	Brace	0,322565	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2658	MAKAS 1.00mm	Column	0,872597	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,2375
2660	MAKAS 1.00mm	Beam	0,250782	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2661	MAKAS 1.00mm	Beam	0,247924	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,74362
2662	MAKAS 1.00mm	Beam	0,324926	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2663	MAKAS 1.00mm	Beam	0,440722	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2665	MAKAS 1.00mm	Beam	0,587944	PMM	0.9G+1.0EYN	0
2666	MAKAS 1.00mm	Beam	0,283479	PMM	0.9G+1.0EYN	0,74363
2667	MAKAS 1.00mm	Beam	0,28338	PMM	0.9G+1.0EYN	0

2668	MAKAS 1.00mm	Beam	0,566494	PMM	0.9G+1.0EYN	0,74363
2670	MAKAS 1.00mm	Beam	0,442919	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,74363
2671	MAKAS 1.00mm	Beam	0,333561	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,74363
2672	MAKAS 1.00mm	Beam	0,252147	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2673	MAKAS 1.00mm	Beam	0,240958	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,74363
2675	MAKAS 1.00mm	Brace	0,529205	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2677	MAKAS 1.00mm	Brace	0,812991	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,78063
2678	MAKAS 1.00mm	Brace	0,660665	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,39032
2679	MAKAS 1.00mm	Brace	0,473488	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,41934
2680	MAKAS 1.00mm	Brace	0,583607	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,33399
2681	MAKAS 1.00mm	Brace	0,566624	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,78063
2682	MAKAS 1.00mm	Brace	0,441587	PMM	0.9G+1.0EYN	0,78063
2683	MAKAS 1.00mm	Brace	0,429594	PMM	0.9G+1.0EYN	0
2684	MAKAS 1.00mm	Brace	0,56117	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2685	MAKAS 1.00mm	Brace	0,525654	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,39032
2686	MAKAS 1.00mm	Brace	0,44875	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,39032
2687	MAKAS 1.00mm	Brace	0,648744	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,39032
2688	MAKAS 1.00mm	Brace	0,801248	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2690	MAKAS 1.00mm	Brace	0,52642	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,78063
2691	MAKAS 1.00mm	Brace	0,429089	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,81964
2692	MAKAS 1.00mm	Brace	0,423895	PMM	0.9G+1.0EYN	0
2693	MAKAS 1.00mm	Brace	0,517628	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,58789
2696	MAKAS 1.00mm	Brace	0,439565	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2697	MAKAS 1.00mm	Brace	0,523068	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,13158
2698	MAKAS 1.00mm	Brace	0,299133	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2699	MAKAS 1.00mm	Brace	0,219058	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2700	MAKAS 1.00mm	Brace	0,481783	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2701	MAKAS 1.00mm	Brace	0,12048	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2702	MAKAS 1.00mm	Brace	0,227094	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2703	MAKAS 1.00mm	Brace	0,129558	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,51494
2704	MAKAS 1.00mm	Brace	0,358755	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2705	MAKAS 1.00mm	Column	0,924632	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,2375
2706	MAKAS 1.00mm	Brace	0,430096	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,81964
2707	MAKAS 1.00mm	Brace	0,425782	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2708	MAKAS 1.00mm	Brace	0,520174	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,58789
2711	MAKAS 1.00mm	Brace	0,431558	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2712	MAKAS 1.00mm	Brace	0,51895	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,13121
2713	MAKAS 1.00mm	Brace	0,291655	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2714	MAKAS 1.00mm	Brace	0,216745	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2715	MAKAS 1.00mm	Brace	0,18134	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2716	MAKAS 1.00mm	Brace	0,116407	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2717	MAKAS 1.00mm	Brace	0,235648	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2718	MAKAS 1.00mm	Brace	0,132316	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,51494
2719	MAKAS 1.00mm	Brace	0,358412	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2720	MAKAS 1.00mm	Column	0,916767	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,2375
2737	MAKAS 1.00mm	Brace	0,463346	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2738	MAKAS 1.00mm	Brace	0,642306	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2739	MAKAS 1.00mm	Brace	0,501801	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,78063

2740	MAKAS 1.00mm	Brace	0,377189	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,78063
2741	MAKAS 1.00mm	Brace	0,306468	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,78063
2742	MAKAS 1.00mm	Brace	0,418759	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,33399
2743	MAKAS 1.00mm	Brace	0,365127	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,78063
2744	MAKAS 1.00mm	Brace	0,619521	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,78063
2745	MAKAS 1.00mm	Brace	0,615785	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2746	MAKAS 1.00mm	Brace	0,354425	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2747	MAKAS 1.00mm	Brace	0,371083	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,39032
2748	MAKAS 1.00mm	Brace	0,303949	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,39032
2749	MAKAS 1.00mm	Brace	0,381533	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2750	MAKAS 1.00mm	Brace	0,493714	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2751	MAKAS 1.00mm	Brace	0,583745	PMM	0.9G+1.0EYN	0,78063
2752	MAKAS 1.00mm	Brace	0,404349	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,78063
2753	MAKAS 1.00mm	Brace	0,518964	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,81964
2754	MAKAS 1.00mm	Brace	0,466572	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2755	MAKAS 1.00mm	Brace	0,476249	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,58789
2756	MAKAS 1.00mm	Brace	0,83577	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,59117
2758	MAKAS 1.00mm	Brace	0,404143	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2759	MAKAS 1.00mm	Brace	0,61181	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,13158
2760	MAKAS 1.00mm	Brace	0,468388	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2761	MAKAS 1.00mm	Brace	0,564562	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,91062
2762	MAKAS 1.00mm	Brace	0,45171	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2763	MAKAS 1.00mm	Brace	0,571084	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,70056
2764	MAKAS 1.00mm	Brace	0,473957	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2765	MAKAS 1.00mm	Brace	0,513972	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,51494
2766	MAKAS 1.00mm	Brace	0,376134	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2767	MAKAS 1.00mm	Column	0,322008	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,2375
2768	MAKAS 1.00mm	Brace	0,526628	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,81964
2769	MAKAS 1.00mm	Brace	0,491474	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2770	MAKAS 1.00mm	Brace	0,494767	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,58789
2771	MAKAS 1.00mm	Brace	0,854104	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,59117
2772	MAKAS 1.00mm	Brace	0,927513	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,35326
2773	MAKAS 1.00mm	Brace	0,389261	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2774	MAKAS 1.00mm	Brace	0,602732	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,13121
2775	MAKAS 1.00mm	Brace	0,457464	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2776	MAKAS 1.00mm	Brace	0,56392	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,91062
2777	MAKAS 1.00mm	Brace	0,471263	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2778	MAKAS 1.00mm	Brace	0,576642	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,70056
2779	MAKAS 1.00mm	Brace	0,468423	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2780	MAKAS 1.00mm	Brace	0,486956	PMM	1.2G+1.0Q+0.5S+1.6RYN	0,51494
2781	MAKAS 1.00mm	Brace	0,36093	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2782	MAKAS 1.00mm	Column	0,818712	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,2375
2814	CATI PANEL 1.00mm	Beam	0,462315	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,864
2815	CATI PANEL 1.00mm	Beam	0,287894	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2816	CATI PANEL 1.00mm	Beam	0,627113	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
2817	CATI PANEL 1.00mm	Beam	0,888873	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2818	CATI PANEL 1.00mm	Beam	0,800386	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2819	CATI PANEL 1.00mm	Beam	0,875181	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,86

2821	CATI PANEL 1.00mm	Beam	0,925055	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2823	CATI PANEL 1.00mm	Beam	0,849236	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2824	CATI PANEL 1.00mm	Beam	0,867386	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2825	CATI PANEL 1.00mm	Beam	0,813692	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,86
2826	CATI PANEL 1.00mm	Beam	0,826758	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2827	CATI PANEL 1.00mm	Beam	0,788283	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2829	CATI PANEL 1.00mm	Beam	0,657522	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2830	CATI PANEL 1.00mm	Beam	0,692846	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2831	CATI PANEL 1.00mm	Beam	0,637512	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,86
2832	CATI PANEL 1.00mm	Beam	0,641862	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2833	CATI PANEL 1.00mm	Beam	0,584572	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2834	CATI PANEL 1.00mm	Beam	0,806787	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,86
2835	CATI PANEL 1.00mm	Beam	0,444231	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2836	CATI PANEL 1.00mm	Beam	0,49556	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2837	CATI PANEL 1.00mm	Beam	0,555157	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,86
2838	CATI PANEL 1.00mm	Beam	0,557701	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2839	CATI PANEL 1.00mm	Beam	0,474952	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2840	CATI PANEL 1.00mm	Beam	0,647876	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,86
2841	CATI PANEL 1.00mm	Beam	0,390176	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
2842	CATI PANEL 1.00mm	Beam	0,367274	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2843	CATI PANEL 1.00mm	Beam	0,56247	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,86
2844	CATI PANEL 1.00mm	Beam	0,708254	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2845	CATI PANEL 1.00mm	Beam	0,567104	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2846	CATI PANEL 1.00mm	Beam	0,709502	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,86
2847	CATI PANEL 1.00mm	Beam	0,426806	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2848	CATI PANEL 1.00mm	Beam	0,462686	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2849	CATI PANEL 1.00mm	Beam	0,555994	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,86
2850	CATI PANEL 1.00mm	Beam	0,846117	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2851	CATI PANEL 1.00mm	Beam	0,693395	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2852	CATI PANEL 1.00mm	Beam	0,84009	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,86
2853	CATI PANEL 1.00mm	Beam	0,425527	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2854	CATI PANEL 1.00mm	Beam	0,450575	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2855	CATI PANEL 1.00mm	Beam	0,545653	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,86
2856	CATI PANEL 1.00mm	Beam	0,547916	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2857	CATI PANEL 1.00mm	Beam	0,41192	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2858	CATI PANEL 1.00mm	Beam	0,581383	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,86
2859	CATI PANEL 1.00mm	Beam	0,387952	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,864
2860	CATI PANEL 1.00mm	Beam	0,125631	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2861	CATI PANEL 1.00mm	Beam	0,523542	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
2862	CATI PANEL 1.00mm	Beam	0,554686	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2863	CATI PANEL 1.00mm	Beam	0,412994	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2864	CATI PANEL 1.00mm	Beam	0,567614	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,86
2865	CATI PANEL 1.00mm	Beam	0,433153	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2866	CATI PANEL 1.00mm	Beam	0,452415	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2867	CATI PANEL 1.00mm	Beam	0,53466	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
2868	CATI PANEL 1.00mm	Beam	0,855442	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2869	CATI PANEL 1.00mm	Beam	0,699935	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2870	CATI PANEL 1.00mm	Beam	0,85615	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,86

2871	CATI PANEL 1.00mm	Beam	0,455318	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2872	CATI PANEL 1.00mm	Beam	0,480855	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2873	CATI PANEL 1.00mm	Beam	0,543819	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,86
2874	CATI PANEL 1.00mm	Beam	0,70542	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2875	CATI PANEL 1.00mm	Beam	0,559032	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2876	CATI PANEL 1.00mm	Beam	0,708758	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,86
2877	CATI PANEL 1.00mm	Beam	0,368019	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2878	CATI PANEL 1.00mm	Beam	0,365581	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2879	CATI PANEL 1.00mm	Beam	0,558819	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,86
2880	CATI PANEL 1.00mm	Beam	0,576055	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2881	CATI PANEL 1.00mm	Beam	0,482383	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2882	CATI PANEL 1.00mm	Beam	0,663699	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,86
2883	CATI PANEL 1.00mm	Beam	0,470799	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2884	CATI PANEL 1.00mm	Beam	0,510705	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2885	CATI PANEL 1.00mm	Beam	0,562524	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,86
2886	CATI PANEL 1.00mm	Beam	0,66136	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2887	CATI PANEL 1.00mm	Beam	0,60136	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2888	CATI PANEL 1.00mm	Beam	0,827708	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,86
2889	CATI PANEL 1.00mm	Beam	0,678619	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2890	CATI PANEL 1.00mm	Beam	0,701316	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2891	CATI PANEL 1.00mm	Beam	0,656984	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,86
2892	CATI PANEL 1.00mm	Beam	0,847826	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2893	CATI PANEL 1.00mm	Beam	0,807263	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2895	CATI PANEL 1.00mm	Beam	0,82	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2896	CATI PANEL 1.00mm	Beam	0,874863	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2897	CATI PANEL 1.00mm	Beam	0,833764	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,86
2899	CATI PANEL 1.00mm	Beam	0,931734	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2901	CATI PANEL 1.00mm	Beam	0,923719	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2902	CATI PANEL 1.00mm	Beam	0,796896	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2903	CATI PANEL 1.00mm	Beam	0,883874	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,86
2904	CATI PANEL 1.00mm	Beam	0,466804	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,864
2905	CATI PANEL 1.00mm	Beam	0,280795	PMM	1.2G+1.0Q+0.2S+1.0EYP	1,807
2906	CATI PANEL 1.00mm	Beam	0,598635	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2909	ARAKAT 1.20mm	Beam	0,559827	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2910	ARAKAT 1.20mm	Beam	0,56239	PMM	1.2G+1.0Q+0.2S+1.0EYN	4,048
2911	ARAKAT 1.20mm	Brace	0,347966	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2912	ARAKAT 1.20mm	Brace	0,152277	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2913	ARAKAT 1.20mm	Brace	0,228614	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2914	ARAKAT 1.20mm	Brace	0,083251	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2915	ARAKAT 1.20mm	Brace	0,149749	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2916	ARAKAT 1.20mm	Brace	0,070168	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2917	ARAKAT 1.20mm	Brace	0,106812	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2918	ARAKAT 1.20mm	Brace	0,050695	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
2919	ARAKAT 1.20mm	Brace	0,079221	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2920	ARAKAT 1.20mm	Brace	0,057118	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2921	ARAKAT 1.20mm	Brace	0,070103	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,44829
2922	ARAKAT 1.20mm	Brace	0,078942	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2923	ARAKAT 1.20mm	Brace	0,078012	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,44829

2924	ARAKAT 1.20mm	Brace	0,097369	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2925	ARAKAT 1.20mm	Brace	0,082586	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,44829
2926	ARAKAT 1.20mm	Brace	0,097968	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2927	ARAKAT 1.20mm	Brace	0,093417	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2928	ARAKAT 1.20mm	Brace	0,141687	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2929	ARAKAT 1.20mm	Brace	0,130392	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
2930	ARAKAT 1.20mm	Brace	0,243211	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2931	ARAKAT 1.20mm	Brace	0,25157	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
2932	ARAKAT 1.20mm	Brace	0,132444	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
2933	ARAKAT 1.20mm	Brace	0,141041	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
2934	ARAKAT 1.20mm	Brace	0,093088	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2935	ARAKAT 1.20mm	Brace	0,106658	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
2936	ARAKAT 1.20mm	Brace	0,08281	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
2937	ARAKAT 1.20mm	Brace	0,091953	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
2938	ARAKAT 1.20mm	Brace	0,074838	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2939	ARAKAT 1.20mm	Brace	0,068022	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,44829
2940	ARAKAT 1.20mm	Brace	0,067111	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2941	ARAKAT 1.20mm	Brace	0,052979	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,44829
2942	ARAKAT 1.20mm	Brace	0,080654	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2943	ARAKAT 1.20mm	Brace	0,049518	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2944	ARAKAT 1.20mm	Brace	0,109876	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2945	ARAKAT 1.20mm	Brace	0,070446	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2946	ARAKAT 1.20mm	Brace	0,154221	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2947	ARAKAT 1.20mm	Brace	0,08667	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2948	ARAKAT 1.20mm	Brace	0,235436	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2949	ARAKAT 1.20mm	Brace	0,154681	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2950	ARAKAT 1.20mm	Brace	0,35839	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2951	ARAKAT 1.20mm	Column	0,646129	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4
2952	ARAKAT 1.20mm	Column	0,266836	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4
2953	ARAKAT 1.20mm	Column	0,422625	PMM	0.9G+1.0EYP	0,4
2954	ARAKAT 1.20mm	Column	0,276796	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4
2955	ARAKAT 1.20mm	Brace	0,232926	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182
2956	ARAKAT 1.20mm	Brace	0,13543	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182
2957	ARAKAT 1.20mm	Brace	0,177313	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182
2958	ARAKAT 1.20mm	Brace	0,089485	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182
2959	ARAKAT 1.20mm	Brace	0,104955	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182
2960	ARAKAT 1.20mm	Brace	0,046294	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44182
2961	ARAKAT 1.20mm	Brace	0,062919	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44182
2962	ARAKAT 1.20mm	Brace	0,03004	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2963	ARAKAT 1.20mm	Brace	0,031156	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44182
2964	ARAKAT 1.20mm	Brace	0,057731	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2965	ARAKAT 1.20mm	Brace	0,047616	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,4415
2966	ARAKAT 1.20mm	Brace	0,112658	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2967	ARAKAT 1.20mm	Brace	0,085325	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2968	ARAKAT 1.20mm	Brace	0,18346	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2969	ARAKAT 1.20mm	Brace	0,133548	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2970	ARAKAT 1.20mm	Brace	0,239433	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2971	ARAKAT 1.20mm	Column	0,215495	PMM	1.2G+1.0Q+0.2S+1.0EYP	0

2972	ARAKAT 1.20mm	Column	0,217763	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
2973	ARAKAT 1.20mm	Brace	0,285612	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2974	ARAKAT 1.20mm	Brace	0,11988	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2975	ARAKAT 1.20mm	Brace	0,208624	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2976	ARAKAT 1.20mm	Brace	0,0776	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2977	ARAKAT 1.20mm	Brace	0,134955	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2978	ARAKAT 1.20mm	Brace	0,069642	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2979	ARAKAT 1.20mm	Brace	0,09267	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
2980	ARAKAT 1.20mm	Brace	0,051014	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2981	ARAKAT 1.20mm	Brace	0,069302	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2982	ARAKAT 1.20mm	Brace	0,046495	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2983	ARAKAT 1.20mm	Brace	0,073324	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
2984	ARAKAT 1.20mm	Brace	0,061973	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
2985	ARAKAT 1.20mm	Brace	0,081182	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
2986	ARAKAT 1.20mm	Brace	0,087424	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
2987	ARAKAT 1.20mm	Brace	0,092621	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
2988	ARAKAT 1.20mm	Brace	0,126338	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2989	ARAKAT 1.20mm	Brace	0,120638	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2990	ARAKAT 1.20mm	Brace	0,191689	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2991	ARAKAT 1.20mm	Brace	0,171572	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2992	ARAKAT 1.20mm	Brace	0,250645	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2993	ARAKAT 1.20mm	Brace	0,242626	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2994	ARAKAT 1.20mm	Brace	0,167797	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2995	ARAKAT 1.20mm	Brace	0,183001	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2996	ARAKAT 1.20mm	Brace	0,117089	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
2997	ARAKAT 1.20mm	Brace	0,118304	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
2998	ARAKAT 1.20mm	Brace	0,090053	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
2999	ARAKAT 1.20mm	Brace	0,088374	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3000	ARAKAT 1.20mm	Brace	0,078492	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3001	ARAKAT 1.20mm	Brace	0,062519	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3002	ARAKAT 1.20mm	Brace	0,071238	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3003	ARAKAT 1.20mm	Brace	0,047805	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
3004	ARAKAT 1.20mm	Brace	0,069216	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3005	ARAKAT 1.20mm	Brace	0,051354	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
3006	ARAKAT 1.20mm	Brace	0,095263	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3007	ARAKAT 1.20mm	Brace	0,067291	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3008	ARAKAT 1.20mm	Brace	0,138944	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3009	ARAKAT 1.20mm	Brace	0,07754	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3010	ARAKAT 1.20mm	Brace	0,217661	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3011	ARAKAT 1.20mm	Brace	0,118584	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3012	ARAKAT 1.20mm	Brace	0,300883	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3013	ARAKAT 1.20mm	Column	0,171386	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4
3014	ARAKAT 1.20mm	Column	0,221559	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4
3016	ARAKAT 1.20mm	Beam	0,548537	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3017	ARAKAT 1.20mm	Brace	0,199778	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
3018	ARAKAT 1.20mm	Brace	0,127277	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
3019	ARAKAT 1.20mm	Brace	0,167527	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
3020	ARAKAT 1.20mm	Brace	0,087425	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182

3021	ARAKAT 1.20mm	Brace	0,099832	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
3022	ARAKAT 1.20mm	Brace	0,045524	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
3023	ARAKAT 1.20mm	Brace	0,047754	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
3024	ARAKAT 1.20mm	Brace	0,015396	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3025	ARAKAT 1.20mm	Brace	0,016712	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
3026	ARAKAT 1.20mm	Brace	0,038488	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3027	ARAKAT 1.20mm	Brace	0,038487	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3028	ARAKAT 1.20mm	Brace	0,089035	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3029	ARAKAT 1.20mm	Brace	0,080163	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3030	ARAKAT 1.20mm	Brace	0,155801	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3031	ARAKAT 1.20mm	Brace	0,123095	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3032	ARAKAT 1.20mm	Brace	0,19099	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3033	ARAKAT 1.20mm	Column	0,132062	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4
3034	ARAKAT 1.20mm	Column	0,134219	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4
3035	ARAKAT 1.20mm	Brace	0,314738	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3036	ARAKAT 1.20mm	Brace	0,132476	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3037	ARAKAT 1.20mm	Brace	0,228042	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3038	ARAKAT 1.20mm	Brace	0,083736	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3039	ARAKAT 1.20mm	Brace	0,145436	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3040	ARAKAT 1.20mm	Brace	0,074478	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3041	ARAKAT 1.20mm	Brace	0,097045	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3042	ARAKAT 1.20mm	Brace	0,056743	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3043	ARAKAT 1.20mm	Brace	0,075015	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
3044	ARAKAT 1.20mm	Brace	0,051674	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3045	ARAKAT 1.20mm	Brace	0,078982	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
3046	ARAKAT 1.20mm	Brace	0,06229	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,44829
3047	ARAKAT 1.20mm	Brace	0,087677	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
3048	ARAKAT 1.20mm	Brace	0,09149	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3049	ARAKAT 1.20mm	Brace	0,097602	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
3050	ARAKAT 1.20mm	Brace	0,124608	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3051	ARAKAT 1.20mm	Brace	0,12253	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3052	ARAKAT 1.20mm	Brace	0,180353	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3053	ARAKAT 1.20mm	Brace	0,171491	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3054	ARAKAT 1.20mm	Brace	0,219021	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3055	ARAKAT 1.20mm	Brace	0,243546	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3056	ARAKAT 1.20mm	Brace	0,164062	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3057	ARAKAT 1.20mm	Brace	0,169962	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3058	ARAKAT 1.20mm	Brace	0,115814	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
3059	ARAKAT 1.20mm	Brace	0,118347	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3060	ARAKAT 1.20mm	Brace	0,089135	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3061	ARAKAT 1.20mm	Brace	0,087325	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3062	ARAKAT 1.20mm	Brace	0,082815	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3063	ARAKAT 1.20mm	Brace	0,058154	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3064	ARAKAT 1.20mm	Brace	0,082666	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3065	ARAKAT 1.20mm	Brace	0,052416	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3066	ARAKAT 1.20mm	Brace	0,084998	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3067	ARAKAT 1.20mm	Brace	0,058229	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3068	ARAKAT 1.20mm	Brace	0,103438	PMM	1.2G+1.0Q+0.2S+1.0EYN	0

3069	ARAKAT 1.20mm	Brace	0,077898	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
3070	ARAKAT 1.20mm	Brace	0,132352	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3071	ARAKAT 1.20mm	Brace	0,091037	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
3072	ARAKAT 1.20mm	Brace	0,217588	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3073	ARAKAT 1.20mm	Brace	0,125435	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3074	ARAKAT 1.20mm	Brace	0,329287	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3075	ARAKAT 1.20mm	Column	0,225419	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4
3076	ARAKAT 1.20mm	Column	0,270741	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4
3078	ARAKAT 1.20mm	Beam	0,671653	PMM	1.2G+1.0Q+0.2S+1.0EYP	11,098
3079	ARAKAT 1.20mm	Brace	0,249241	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
3080	ARAKAT 1.20mm	Brace	0,140947	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
3081	ARAKAT 1.20mm	Brace	0,186868	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
3082	ARAKAT 1.20mm	Brace	0,09002	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
3083	ARAKAT 1.20mm	Brace	0,108682	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
3084	ARAKAT 1.20mm	Brace	0,042606	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
3085	ARAKAT 1.20mm	Brace	0,052678	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44182
3086	ARAKAT 1.20mm	Brace	0,029027	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3087	ARAKAT 1.20mm	Brace	0,029177	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44182
3088	ARAKAT 1.20mm	Brace	0,055994	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3089	ARAKAT 1.20mm	Brace	0,041225	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,4415
3090	ARAKAT 1.20mm	Brace	0,115074	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3091	ARAKAT 1.20mm	Brace	0,087121	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3092	ARAKAT 1.20mm	Brace	0,190861	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3093	ARAKAT 1.20mm	Brace	0,124949	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3094	ARAKAT 1.20mm	Brace	0,248896	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3095	ARAKAT 1.20mm	Column	0,127733	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3096	ARAKAT 1.20mm	Column	0,12943	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3097	ARAKAT 1.20mm	Brace	0,360031	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3098	ARAKAT 1.20mm	Brace	0,183921	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3099	ARAKAT 1.20mm	Brace	0,260485	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3100	ARAKAT 1.20mm	Brace	0,124451	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3101	ARAKAT 1.20mm	Brace	0,192338	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3102	ARAKAT 1.20mm	Brace	0,091906	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3103	ARAKAT 1.20mm	Brace	0,139343	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3104	ARAKAT 1.20mm	Brace	0,056952	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3105	ARAKAT 1.20mm	Brace	0,09999	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3106	ARAKAT 1.20mm	Brace	0,047131	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3107	ARAKAT 1.20mm	Brace	0,083313	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3108	ARAKAT 1.20mm	Brace	0,059645	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3109	ARAKAT 1.20mm	Brace	0,075529	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
3110	ARAKAT 1.20mm	Brace	0,097007	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3111	ARAKAT 1.20mm	Brace	0,089938	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
3112	ARAKAT 1.20mm	Brace	0,141383	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3113	ARAKAT 1.20mm	Brace	0,135808	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3114	ARAKAT 1.20mm	Brace	0,224922	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3115	ARAKAT 1.20mm	Brace	0,19223	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3116	ARAKAT 1.20mm	Brace	0,286419	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3117	ARAKAT 1.20mm	Brace	0,276151	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829

3118	ARAKAT 1.20mm	Brace	0,191478	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3119	ARAKAT 1.20mm	Brace	0,215623	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3120	ARAKAT 1.20mm	Brace	0,135452	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3121	ARAKAT 1.20mm	Brace	0,140289	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3122	ARAKAT 1.20mm	Brace	0,092692	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3123	ARAKAT 1.20mm	Brace	0,098789	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
3124	ARAKAT 1.20mm	Brace	0,077266	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3125	ARAKAT 1.20mm	Brace	0,061771	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44829
3126	ARAKAT 1.20mm	Brace	0,081643	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3127	ARAKAT 1.20mm	Brace	0,05	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,44829
3128	ARAKAT 1.20mm	Brace	0,102547	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3129	ARAKAT 1.20mm	Brace	0,059117	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3130	ARAKAT 1.20mm	Brace	0,145918	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3131	ARAKAT 1.20mm	Brace	0,090882	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3132	ARAKAT 1.20mm	Brace	0,20672	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3133	ARAKAT 1.20mm	Brace	0,130371	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3134	ARAKAT 1.20mm	Brace	0,28579	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3135	ARAKAT 1.20mm	Brace	0,180655	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3136	ARAKAT 1.20mm	Brace	0,376168	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44829
3137	ARAKAT 1.20mm	Column	0,449271	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4
3138	ARAKAT 1.20mm	Column	0,41489	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4
3139	ARAKAT 1.20mm	Beam	0,236713	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3140	ARAKAT 1.20mm	Beam	0,152624	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3141	ARAKAT 1.20mm	Beam	0,106258	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3142	ARAKAT 1.20mm	Beam	0,086093	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3143	ARAKAT 1.20mm	Beam	0,091383	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3144	ARAKAT 1.20mm	Beam	0,109244	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,18688
3145	ARAKAT 1.20mm	Beam	0,157151	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,37525
3146	ARAKAT 1.20mm	Beam	0,249309	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,37525
3147	ARAKAT 1.20mm	Beam	0,34746	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,18763
3149	ARAKAT 1.20mm	Beam	0,53114	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3150	ARAKAT 1.20mm	Beam	0,327306	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3151	ARAKAT 1.20mm	Beam	0,137577	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,37525
3152	ARAKAT 1.20mm	Beam	0,122565	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,37525
3153	ARAKAT 1.20mm	Beam	0,106208	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,37525
3154	ARAKAT 1.20mm	Beam	0,106808	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,376
3155	ARAKAT 1.20mm	Beam	0,129501	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3156	ARAKAT 1.20mm	Beam	0,14075	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3157	ARAKAT 1.20mm	Beam	0,333817	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,37525
3158	ARAKAT 1.20mm	Beam	0,56136	PMM	1.2G+1.0Q+0.2S+1.0EYN	4,048
3160	ARAKAT 1.20mm	Beam	0,352096	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3161	ARAKAT 1.20mm	Brace	0,234399	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
3162	ARAKAT 1.20mm	Brace	0,106587	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
3163	ARAKAT 1.20mm	Brace	0,176543	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
3164	ARAKAT 1.20mm	Brace	0,072633	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
3165	ARAKAT 1.20mm	Brace	0,109501	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182
3166	ARAKAT 1.20mm	Brace	0,038087	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,44182
3167	ARAKAT 1.20mm	Brace	0,056919	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,44182

3168	ARAKAT 1.20mm	Brace	0,047914	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3169	ARAKAT 1.20mm	Brace	0,057428	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,44182
3170	ARAKAT 1.20mm	Brace	0,071431	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3171	ARAKAT 1.20mm	Brace	0,039739	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,4415
3172	ARAKAT 1.20mm	Brace	0,123181	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3173	ARAKAT 1.20mm	Brace	0,069863	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3174	ARAKAT 1.20mm	Brace	0,186963	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3175	ARAKAT 1.20mm	Brace	0,103188	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3176	ARAKAT 1.20mm	Brace	0,241369	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3177	ARAKAT 1.20mm	Beam	0,273875	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3178	ARAKAT 1.20mm	Beam	0,178104	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3179	ARAKAT 1.20mm	Beam	0,128712	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3180	ARAKAT 1.20mm	Beam	0,100821	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3181	ARAKAT 1.20mm	Beam	0,10667	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3182	ARAKAT 1.20mm	Beam	0,105281	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,18688
3183	ARAKAT 1.20mm	Beam	0,160167	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,37525
3184	ARAKAT 1.20mm	Beam	0,260129	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,37525
3185	ARAKAT 1.20mm	Beam	0,345258	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,18762
3186	ARAKAT 1.20mm	Beam	0,350452	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3187	ARAKAT 1.20mm	Beam	0,14544	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,37525
3188	ARAKAT 1.20mm	Beam	0,137244	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,37525
3189	ARAKAT 1.20mm	Beam	0,13506	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,37525
3190	ARAKAT 1.20mm	Beam	0,135106	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3191	ARAKAT 1.20mm	Beam	0,15078	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3192	ARAKAT 1.20mm	Beam	0,151001	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,37525
3193	ARAKAT 1.20mm	Beam	0,393396	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,37525
3194	ARAKAT 1.20mm	Beam	0,363286	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3195	CC140-47-12-1.00mm	Beam	0,541953	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,0824
3196	CC140-47-12-1.00mm	Beam	0,372384	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3197	CC140-47-12-1.00mm	Beam	0,592474	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3198	CC140-47-12-1.00mm	Beam	0,455171	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,039
3199	CC140-47-12-1.00mm	Beam	0,249389	PMM	0.9G+1.0EYN	0
3200	CC140-47-12-1.00mm	Beam	0,121633	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3201	CC140-47-12-1.00mm	Beam	0,126744	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3202	CC140-47-12-1.00mm	Beam	0,153067	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3203	CC140-47-12-1.00mm	Beam	0,286327	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,3418
3204	CC140-47-12-1.00mm	Beam	0,34615	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,063
3205	CC140-47-12-1.00mm	Beam	0,342412	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3206	CC140-47-12-1.00mm	Beam	0,617805	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,1078
3207	CC140-47-12-1.00mm	Beam	0,25714	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,4048
3208	CC140-47-12-1.00mm	Beam	0,526022	PMM	0.9G+1.0EXP	0
3209	CC140-47-12-1.00mm	Beam	0,52215	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,0824
3210	CC140-47-12-1.00mm	Beam	0,267845	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3211	CC140-47-12-1.00mm	Beam	0,568034	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3212	CC140-47-12-1.00mm	Beam	0,343616	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3213	CC140-47-12-1.00mm	Beam	0,218345	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3214	CC140-47-12-1.00mm	Beam	0,132749	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3215	CC140-47-12-1.00mm	Beam	0,122171	PMM	0.9G+1.0EYP	0

3216	CC140-47-12-1.00mm	Beam	0,126524	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3217	CC140-47-12-1.00mm	Beam	0,298714	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,3418
3218	CC140-47-12-1.00mm	Beam	0,375034	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,063
3219	CC140-47-12-1.00mm	Beam	0,47319	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3220	CC140-47-12-1.00mm	Beam	0,569044	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3221	CC140-47-12-1.00mm	Beam	0,376978	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3222	CC140-47-12-1.00mm	Beam	0,497109	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3223	CC140-47-12-1.00mm	Beam	0,829201	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3225	CC140-47-12-1.00mm	Beam	0,802044	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,06013
3226	CC140-47-12-1.00mm	Beam	0,773821	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,00162
3227	CC140-47-12-1.00mm	Beam	0,554428	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3228	CC140-47-12-1.00mm	Beam	0,609008	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3231	CC140-47-12-1.00mm	Beam	0,700261	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3234	CC140-47-12-1.00mm	Beam	0,826954	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,08763
3235	CC80-47-12-1.00mm	Beam	0,877828	PMM	0.9G+1.0EXP	0
3236	CC80-47-12-1.00mm	Beam	0,906209	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,2456
3237	CC80-47-12-1.00mm	Beam	0,853402	PMM	0.9G+1.0EXP	0
3238	CC80-47-12-1.00mm	Beam	0,757223	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,4048
3239	CC80-47-12-1.00mm	Beam	0,868251	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,036
3240	CC80-47-12-1.00mm	Beam	0,916193	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3241	CC80-47-12-1.00mm	Beam	0,817402	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,2312
3242	CC80-47-12-1.00mm	Beam	0,895021	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3243	CC80-47-12-1.00mm	Beam	0,732317	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,4048
3244	CC80-47-12-1.00mm	Beam	0,803029	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,0216
3245	CC80-47-12-1.00mm	Beam	0,800052	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3246	CC80-47-12-1.00mm	Beam	0,94273	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,2168
3247	CC80-47-12-1.00mm	Beam	0,82094	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3248	CC80-47-12-1.00mm	Beam	0,840746	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,4048
3249	CC80-47-12-1.00mm	Beam	0,83296	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,0072
3250	CC80-47-12-1.00mm	Beam	0,932868	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3251	CC80-47-12-1.00mm	Beam	0,803374	PMM	0.9G+1.0EXN	0,2024
3252	CC140-47-12-1.00mm	Beam	0,486079	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3253	CC140-47-12-1.00mm	Beam	0,508379	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3255	CC140-47-12-1.00mm	Beam	0,907243	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3256	CC140-47-12-1.00mm	Beam	0,774405	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,211
3257	CC140-47-12-1.00mm	Beam	0,432935	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,0738
3258	CC140-47-12-1.00mm	Beam	0,166695	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,1962
3259	CC140-47-12-1.00mm	Beam	0,561716	PMM	0.9G+1.0EXP	0
3260	CC140-47-12-1.00mm	Beam	0,448326	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,3314
3261	CC140-47-12-1.00mm	Beam	0,363563	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,0734
3262	CC140-47-12-1.00mm	Beam	0,285174	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,1966
3263	CC140-47-12-1.00mm	Beam	0,405413	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3264	CC140-47-12-1.00mm	Beam	0,418889	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3265	CC140-47-12-1.00mm	Beam	0,3551	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3266	CC140-47-12-1.00mm	Beam	0,273377	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,173
3267	CC140-47-12-1.00mm	Beam	0,351511	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3268	CC140-47-12-1.00mm	Beam	0,364285	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,3452
3269	CC140-47-12-1.00mm	Beam	0,3916	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,0596

3270	CC140-47-12-1.00mm	Beam	0,323184	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,2024
3271	CC140-47-12-1.00mm	Beam	0,31778	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3272	CC140-47-12-1.00mm	Beam	0,239435	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,16338
3273	CC140-47-12-1.00mm	Beam	0,394576	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3274	CC140-47-12-1.00mm	Beam	0,174049	PMM	0.9G+1.0EXN	0,37525
3275	CC140-47-12-1.00mm	Beam	0,333786	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,01288
3276	CC140-47-12-1.00mm	Beam	0,200578	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3277	CC140-47-12-1.00mm	Beam	0,351784	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,21762
3278	CC140-47-12-1.00mm	Beam	0,250124	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3279	CC140-47-12-1.00mm	Beam	0,378565	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,20438
3280	CC140-47-12-1.00mm	Beam	0,212013	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3281	CC140-47-12-1.00mm	Beam	0,386427	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,18612
3282	CC140-47-12-1.00mm	Beam	0,154752	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3283	CC140-47-12-1.00mm	Beam	0,221224	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,08438
3284	CC140-47-12-1.00mm	Beam	0,355415	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3285	CC140-47-12-1.00mm	Beam	0,341417	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,18763
3286	CC140-47-12-1.00mm	Beam	0,330138	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3287	CC140-47-12-1.00mm	Beam	0,246357	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,2996
3288	CC140-47-12-1.00mm	Beam	0,258087	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3289	CC140-47-12-1.00mm	Beam	0,129105	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,4048
3290	CC140-47-12-1.00mm	Beam	0,31567	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,07
3291	CC140-47-12-1.00mm	Beam	0,167439	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,3348
3292	CC140-47-12-1.00mm	Beam	0,263374	PMM	0.9G+1.0EXN	0,0272
3293	CC140-47-12-1.00mm	Beam	0,420578	PMM	0.9G+1.0EXP	0
3294	CC140-47-12-1.00mm	Beam	0,140271	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,4048
3295	CC140-47-12-1.00mm	Beam	0,337024	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,0051
3296	CC140-47-12-1.00mm	Beam	0,240608	Minor Shear	1.2G+1.0Q+0.2S+1.0EXP	0,0172
3297	CC140-47-12-1.00mm	Beam	0,349085	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,4048
3300	CC140-47-12-1.00mm	Beam	0,40216	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3301	CC140-47-12-1.00mm	Beam	0,802529	Minor Shear	1.2G+1.0Q+0.2S+1.0EXP	0,0316
3302	CC140-47-12-1.00mm	Beam	0,58269	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,2024
3304	CC140-47-12-1.00mm	Beam	0,215439	PMM	1.2G+1.0Q+0.5S+1.6RYN	0
3305	CC140-47-12-1.00mm	Beam	0,904521	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3306	CC140-47-12-1.00mm	Beam	0,622812	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3307	CC140-47-12-1.00mm	Beam	0,874037	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,052
3309	CC140-47-12-1.00mm	Beam	0,788401	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,286
3312	CC140-47-12-1.00mm	Beam	0,93799	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3313	CC140-47-12-1.00mm	Beam	0,499147	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,028
3314	CC140-47-12-1.00mm	Beam	0,734979	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3315	CC140-47-12-1.00mm	Beam	0,582313	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,2405
3318	CC140-47-12-1.00mm	Beam	0,702956	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3319	CC140-47-12-1.00mm	Beam	0,309393	Minor Shear	1.2G+1.0Q+0.5S+1.6RYP	0,032
3320	CC140-47-12-1.00mm	Beam	0,678883	PMM	0.9G+1.0EYN	0
3321	CC140-47-12-1.00mm	Beam	0,701139	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,052
3322	CC140-47-12-1.00mm	Beam	0,912612	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3323	CC140-47-12-1.00mm	Beam	0,720001	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,286
3324	CC140-47-12-1.00mm	Beam	0,821548	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3325	CC140-47-12-1.00mm	Beam	0,670542	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,066

3326	CC140-47-12-1.00mm	Beam	0,893032	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3327	CC140-47-12-1.00mm	Beam	0,545408	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,028
3328	CC140-47-12-1.00mm	Beam	0,675048	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3329	CC140-47-12-1.00mm	Beam	0,515186	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,2405
3331	CC140-47-12-1.00mm	Beam	0,70693	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4
3332	CC140-47-12-1.00mm	Beam	0,740998	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3333	CC80-47-12-1.00mm	Beam	0,78008	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,499
3334	CC80-47-12-1.00mm	Beam	0,927391	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
3336	CC80-47-12-1.00mm	Beam	0,906569	PMM	1.2G+1.0Q+0.5S+1.6RYN	0
3337	CC80-47-12-1.00mm	Beam	0,922685	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,563
3340	CC80-47-12-1.00mm	Beam	0,756523	PMM	1.2G+1.0Q+0.5S+1.6RYN	0
3341	CC80-47-12-1.00mm	Beam	0,796285	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,57
3342	CC80-47-12-1.00mm	Beam	0,55911	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3343	CC80-47-12-1.00mm	Beam	0,815224	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,499
3344	CC80-47-12-1.00mm	Beam	0,931981	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
3347	CC80-47-12-1.00mm	Beam	0,841648	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,563
3350	CC80-47-12-1.00mm	Beam	0,790898	PMM	1.2G+1.0Q+0.5S+1.6RYN	0
3351	CC80-47-12-1.00mm	Beam	0,858163	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,57
3352	CC80-47-12-1.00mm	Beam	0,582424	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3353	CC140-47-12-1.00mm	Beam	0,752223	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4
3354	CC140-47-12-1.00mm	Beam	0,770787	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3397	ARAKAT 1.20mm	Beam	0,349799	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3398	ARAKAT 1.20mm	Beam	0,371582	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3399	ARAKAT 1.20mm	Beam	0,252333	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3400	ARAKAT 1.20mm	Beam	0,217339	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3401	ARAKAT 1.20mm	Beam	0,265132	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,4048
3402	ARAKAT 1.20mm	Beam	0,266108	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3403	ARAKAT 1.20mm	Beam	0,223789	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3404	ARAKAT 1.20mm	Beam	0,198838	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3405	ARAKAT 1.20mm	Beam	0,179053	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3406	ARAKAT 1.20mm	Beam	0,230098	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,4048
3407	ARAKAT 1.20mm	Beam	0,353705	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,2024
3408	ARAKAT 1.20mm	Beam	0,334503	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3409	ARAKAT 1.20mm	Beam	0,183431	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3410	ARAKAT 1.20mm	Beam	0,134916	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3411	ARAKAT 1.20mm	Beam	0,098433	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3412	ARAKAT 1.20mm	Beam	0,073363	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3413	ARAKAT 1.20mm	Beam	0,093143	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,37525
3414	ARAKAT 1.20mm	Beam	0,133704	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,37525
3415	ARAKAT 1.20mm	Beam	0,20775	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,37525
3416	ARAKAT 1.20mm	Beam	0,397716	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,18763
3417	ARAKAT 1.20mm	Beam	0,296493	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3418	ARAKAT 1.20mm	Beam	0,202294	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
3419	ARAKAT 1.20mm	Beam	0,184249	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3420	ARAKAT 1.20mm	Beam	0,199843	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3421	ARAKAT 1.20mm	Beam	0,217093	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3422	ARAKAT 1.20mm	Beam	0,230097	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3423	ARAKAT 1.20mm	Beam	0,221013	PMM	1.2G+1.0Q+0.2S+1.0EYN	0

3424	ARAKAT 1.20mm	Beam	0,205593	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3425	ARAKAT 1.20mm	Beam	0,244738	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3426	ARAKAT 1.20mm	Beam	0,319969	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3427	ARAKAT 1.20mm	Beam	0,283261	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3428	ARAKAT 1.20mm	Beam	0,348649	PMM	0.9G+1.0EYN	0,2024
3429	ARAKAT 1.20mm	Beam	0,342786	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3430	ARAKAT 1.20mm	Beam	0,242493	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3431	ARAKAT 1.20mm	Beam	0,222489	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3432	ARAKAT 1.20mm	Beam	0,337791	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3433	ARAKAT 1.20mm	Beam	0,255263	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3434	ARAKAT 1.20mm	Beam	0,228049	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3435	ARAKAT 1.20mm	Beam	0,203431	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3436	ARAKAT 1.20mm	Beam	0,183309	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3437	ARAKAT 1.20mm	Beam	0,211986	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,4048
3438	ARAKAT 1.20mm	Beam	0,27346	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,2024
3439	ARAKAT 1.20mm	Beam	0,240337	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3440	ARAKAT 1.20mm	Beam	0,166009	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3441	ARAKAT 1.20mm	Beam	0,083942	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,37525
3442	ARAKAT 1.20mm	Beam	0,073533	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,37525
3443	ARAKAT 1.20mm	Beam	0,06719	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3444	ARAKAT 1.20mm	Beam	0,083827	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3445	ARAKAT 1.20mm	Beam	0,09325	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3446	ARAKAT 1.20mm	Beam	0,16354	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,37525
3447	ARAKAT 1.20mm	Beam	0,220968	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,18763
3448	ARAKAT 1.20mm	Beam	0,293956	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3449	ARAKAT 1.20mm	Beam	0,218961	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3450	ARAKAT 1.20mm	Beam	0,190125	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3451	ARAKAT 1.20mm	Beam	0,204787	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3452	ARAKAT 1.20mm	Beam	0,225285	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3453	ARAKAT 1.20mm	Beam	0,250512	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3454	ARAKAT 1.20mm	Beam	0,335646	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3455	ARAKAT 1.20mm	Beam	0,218447	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3456	ARAKAT 1.20mm	Beam	0,234136	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3457	ARAKAT 1.20mm	Beam	0,350704	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3458	ARAKAT 1.20mm	Beam	0,347809	PMM	0.9G+1.0EYN	0
3524	ARAKAT 1.20mm	Beam	0,72578	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3525	ARAKAT 1.20mm	Beam	0,274125	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3526	ARAKAT 1.20mm	Beam	0,205078	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3527	ARAKAT 1.20mm	Beam	0,22039	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3528	ARAKAT 1.20mm	Beam	0,243151	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3529	ARAKAT 1.20mm	Beam	0,257667	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3530	ARAKAT 1.20mm	Beam	0,291626	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3531	ARAKAT 1.20mm	Beam	0,225864	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3532	ARAKAT 1.20mm	Beam	0,252016	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3533	ARAKAT 1.20mm	Beam	0,316197	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,4048
3534	ARAKAT 1.20mm	Beam	0,337832	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,2024
3535	ARAKAT 1.20mm	Beam	0,348157	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3536	ARAKAT 1.20mm	Beam	0,329964	PMM	1.2G+1.0Q+0.2S+1.0EXP	0

3537	ARAKAT 1.20mm	Beam	0,252372	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3538	ARAKAT 1.20mm	Beam	0,22373	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3539	ARAKAT 1.20mm	Beam	0,251057	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3540	ARAKAT 1.20mm	Beam	0,264945	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3541	ARAKAT 1.20mm	Beam	0,249527	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3542	ARAKAT 1.20mm	Beam	0,224167	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3543	ARAKAT 1.20mm	Beam	0,204711	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3544	ARAKAT 1.20mm	Beam	0,257544	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,4048
3545	ARAKAT 1.20mm	Beam	0,867396	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,2024
3553	CC80-47-12-1.00mm	Beam	0,526264	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3554	CC80-47-12-1.00mm	Beam	0,792621	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3555	CC80-47-12-1.00mm	Beam	0,622208	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3556	CC80-47-12-1.00mm	Beam	0,808328	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3557	CC80-47-12-1.00mm	Beam	0,648907	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3558	CC80-47-12-1.00mm	Beam	0,704582	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3559	CC80-47-12-1.00mm	Beam	0,759417	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3560	CC80-47-12-1.00mm	Beam	0,802894	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,563
3561	CC80-47-12-1.00mm	Beam	0,688287	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,807
3562	CC80-47-12-1.00mm	Beam	0,682573	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3563	CC80-47-12-1.00mm	Beam	0,689966	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,86
3564	CC80-47-12-1.00mm	Beam	0,649181	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3565	CC80-47-12-1.00mm	Beam	0,716317	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3566	CC80-47-12-1.00mm	Beam	0,669246	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3567	CC80-47-12-1.00mm	Beam	0,770845	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,563
3568	CC80-47-12-1.00mm	Beam	0,676104	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,807
3569	CC80-47-12-1.00mm	Beam	0,708846	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3570	CC80-47-12-1.00mm	Beam	0,551275	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,86
3571	CC80-47-12-1.00mm	Beam	0,376196	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3572	CC80-47-12-1.00mm	Beam	0,716863	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3573	CC80-47-12-1.00mm	Beam	0,558292	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3574	CC80-47-12-1.00mm	Beam	0,630033	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3575	CC80-47-12-1.00mm	Beam	0,50366	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,437
3576	CC80-47-12-1.00mm	Beam	0,657995	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,563
3577	CC80-47-12-1.00mm	Beam	0,564889	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,807
3578	CC80-47-12-1.00mm	Beam	0,671608	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3579	CC80-47-12-1.00mm	Beam	0,472555	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,86
3580	CC80-47-12-1.00mm	Beam	0,646854	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3581	CC80-47-12-1.00mm	Beam	0,780366	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3582	CC80-47-12-1.00mm	Beam	0,629487	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3583	CC80-47-12-1.00mm	Beam	0,659712	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3584	CC80-47-12-1.00mm	Beam	0,7366	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3585	CC80-47-12-1.00mm	Beam	0,761523	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,563
3586	CC80-47-12-1.00mm	Beam	0,667571	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3587	CC80-47-12-1.00mm	Beam	0,624117	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3588	CC80-47-12-1.00mm	Beam	0,710082	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,86
3589	CC80-47-12-1.00mm	Beam	0,619277	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3590	CC80-47-12-1.00mm	Beam	0,733992	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,47
3591	CC80-47-12-1.00mm	Beam	0,597206	PMM	1.2G+1.0Q+0.2S+1.0EYN	0

3592	CC80-47-12-1.00mm	Beam	0,600659	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3593	CC80-47-12-1.00mm	Beam	0,658512	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3594	CC80-47-12-1.00mm	Beam	0,685341	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,563
3595	CC80-47-12-1.00mm	Beam	0,626156	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3596	CC80-47-12-1.00mm	Beam	0,566051	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3597	CC80-47-12-1.00mm	Beam	0,709711	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,86
3598	CC80-47-12-1.00mm	Beam	0,572435	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3599	CC80-47-12-1.00mm	Beam	0,67985	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,47
3600	CC80-47-12-1.00mm	Beam	0,561013	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3601	CC80-47-12-1.00mm	Beam	0,535889	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3602	CC80-47-12-1.00mm	Beam	0,59116	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3603	CC80-47-12-1.00mm	Beam	0,630255	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,563
3604	CC80-47-12-1.00mm	Beam	0,572962	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3605	CC80-47-12-1.00mm	Beam	0,509177	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3606	CC80-47-12-1.00mm	Beam	0,668162	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,86
3607	CC80-47-12-1.00mm	Beam	0,53625	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3608	CC80-47-12-1.00mm	Beam	0,613362	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,47
3609	CC80-47-12-1.00mm	Beam	0,587689	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3610	CC80-47-12-1.00mm	Beam	0,474406	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3611	CC80-47-12-1.00mm	Beam	0,51836	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3612	CC80-47-12-1.00mm	Beam	0,569174	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,563
3613	CC80-47-12-1.00mm	Beam	0,516172	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3614	CC80-47-12-1.00mm	Beam	0,456491	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3615	CC80-47-12-1.00mm	Beam	0,6049	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,86
3616	CC80-47-12-1.00mm	Beam	0,557024	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3617	CC80-47-12-1.00mm	Beam	0,547498	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,47
3618	CC80-47-12-1.00mm	Beam	0,614669	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3619	CC80-47-12-1.00mm	Beam	0,428109	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3620	CC80-47-12-1.00mm	Beam	0,496781	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3621	CC80-47-12-1.00mm	Beam	0,478701	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,563
3622	CC80-47-12-1.00mm	Beam	0,467392	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3623	CC80-47-12-1.00mm	Beam	0,430012	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3624	CC80-47-12-1.00mm	Beam	0,563687	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,86
3625	CC80-47-12-1.00mm	Beam	0,529699	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3626	CC80-47-12-1.00mm	Beam	0,482026	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,47
3627	CC80-47-12-1.00mm	Beam	0,626554	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3628	CC80-47-12-1.00mm	Beam	0,415287	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3629	CC80-47-12-1.00mm	Beam	0,441875	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,437
3630	CC80-47-12-1.00mm	Beam	0,419944	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,563
3631	CC80-47-12-1.00mm	Beam	0,441391	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3632	CC80-47-12-1.00mm	Beam	0,434457	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3633	CC80-47-12-1.00mm	Beam	0,570635	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,86
3634	CC80-47-12-1.00mm	Beam	0,576418	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3635	CC80-47-12-1.00mm	Beam	0,396114	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,47
3636	CC80-47-12-1.00mm	Beam	0,585534	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3637	CC80-47-12-1.00mm	Beam	0,431878	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3638	CC80-47-12-1.00mm	Beam	0,647774	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,437
3639	CC80-47-12-1.00mm	Beam	0,479216	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,563

3640	CC80-47-12-1.00mm	Beam	0,436762	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3641	CC80-47-12-1.00mm	Beam	0,46685	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3642	CC80-47-12-1.00mm	Beam	0,552151	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,86
3658	CC80-47-12-1.00mm	Beam	0,513426	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3659	CC80-47-12-1.00mm	Beam	0,380746	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,47
3660	CC80-47-12-1.00mm	Beam	0,611509	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3661	CC80-47-12-1.00mm	Beam	0,37936	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3662	CC80-47-12-1.00mm	Beam	0,297238	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3663	CC80-47-12-1.00mm	Beam	0,384791	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3664	CC80-47-12-1.00mm	Beam	0,423787	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3665	CC80-47-12-1.00mm	Beam	0,526184	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,86
3666	CC80-47-12-1.00mm	Beam	0,575246	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3667	CC80-47-12-1.00mm	Beam	0,482961	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,47
3668	CC80-47-12-1.00mm	Beam	0,662018	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3669	CC80-47-12-1.00mm	Beam	0,383751	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3670	CC80-47-12-1.00mm	Beam	0,235068	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3671	CC80-47-12-1.00mm	Beam	0,321353	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3672	CC80-47-12-1.00mm	Beam	0,418607	PMM	1.2G+1.0Q+0.2S+1.0EXP	1
3673	CC80-47-12-1.00mm	Beam	0,541486	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,86
3674	CC80-47-12-1.00mm	Beam	0,546352	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3675	CC80-47-12-1.00mm	Beam	0,488716	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,47
3676	CC80-47-12-1.00mm	Beam	0,68951	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3677	CC80-47-12-1.00mm	Beam	0,374056	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3678	CC80-47-12-1.00mm	Beam	0,21798	PMM	1.2G+1.0Q+0.2S+1.0EXP	1
3679	CC80-47-12-1.00mm	Beam	0,240619	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3680	CC80-47-12-1.00mm	Beam	0,382717	PMM	1.2G+1.0Q+0.2S+1.0EXP	1
3681	CC80-47-12-1.00mm	Beam	0,535017	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,86
3682	CC80-47-12-1.00mm	Beam	0,494248	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3683	CC80-47-12-1.00mm	Beam	0,475028	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,47
3684	CC80-47-12-1.00mm	Beam	0,690929	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3685	CC80-47-12-1.00mm	Beam	0,366925	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3686	CC80-47-12-1.00mm	Beam	0,213072	PMM	1.2G+1.0Q+0.2S+1.0EXP	1
3687	CC80-47-12-1.00mm	Beam	0,166449	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3688	CC80-47-12-1.00mm	Beam	0,350411	PMM	1.2G+1.0Q+0.2S+1.0EXP	1
3689	CC80-47-12-1.00mm	Beam	0,506524	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,86
3690	CC80-47-12-1.00mm	Beam	0,497471	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3691	CC80-47-12-1.00mm	Beam	0,533163	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,47
3692	CC80-47-12-1.00mm	Beam	0,705237	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3693	CC80-47-12-1.00mm	Beam	0,364245	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3694	CC80-47-12-1.00mm	Beam	0,227351	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3695	CC80-47-12-1.00mm	Beam	0,155735	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3696	CC80-47-12-1.00mm	Beam	0,353134	PMM	1.2G+1.0Q+0.2S+1.0EXN	1
3697	CC80-47-12-1.00mm	Beam	0,489088	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,86
3698	CC80-47-12-1.00mm	Beam	0,559664	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3699	CC80-47-12-1.00mm	Beam	0,588499	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,47
3700	CC80-47-12-1.00mm	Beam	0,709803	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3701	CC80-47-12-1.00mm	Beam	0,372411	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3702	CC80-47-12-1.00mm	Beam	0,286891	PMM	1.2G+1.0Q+0.2S+1.0EYP	1

3703	CC80-47-12-1.00mm	Beam	0,196747	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3704	CC80-47-12-1.00mm	Beam	0,38339	PMM	1.2G+1.0Q+0.2S+1.0EXN	1
3705	CC80-47-12-1.00mm	Beam	0,519256	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,86
3706	CC80-47-12-1.00mm	Beam	0,597276	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3707	CC80-47-12-1.00mm	Beam	0,569503	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,47
3708	CC80-47-12-1.00mm	Beam	0,64105	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3709	CC80-47-12-1.00mm	Beam	0,379438	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3710	CC80-47-12-1.00mm	Beam	0,356365	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3711	CC80-47-12-1.00mm	Beam	0,281335	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3712	CC80-47-12-1.00mm	Beam	0,414915	PMM	1.2G+1.0Q+0.2S+1.0EXN	1
3713	CC80-47-12-1.00mm	Beam	0,539509	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,86
3714	CC80-47-12-1.00mm	Beam	0,540208	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3715	CC80-47-12-1.00mm	Beam	0,387172	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,47
3716	CC80-47-12-1.00mm	Beam	0,654581	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3717	CC80-47-12-1.00mm	Beam	0,35601	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3718	CC80-47-12-1.00mm	Beam	0,418049	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3719	CC80-47-12-1.00mm	Beam	0,352949	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3720	CC80-47-12-1.00mm	Beam	0,400654	PMM	1.2G+1.0Q+0.2S+1.0EXN	1
3721	CC80-47-12-1.00mm	Beam	0,499502	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,86
3737	CC80-47-12-1.00mm	Beam	0,374131	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3738	CC80-47-12-1.00mm	Beam	0,717211	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3739	CC80-47-12-1.00mm	Beam	0,558347	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3740	CC80-47-12-1.00mm	Beam	0,56752	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3741	CC80-47-12-1.00mm	Beam	0,568411	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3742	CC80-47-12-1.00mm	Beam	0,533897	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3743	CC80-47-12-1.00mm	Beam	0,635323	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3744	CC80-47-12-1.00mm	Beam	0,408629	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,86
3767	CC80-47-12-1.00mm	Beam	0,52606	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3768	CC80-47-12-1.00mm	Beam	0,79605	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3769	CC80-47-12-1.00mm	Beam	0,652733	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3770	CC80-47-12-1.00mm	Beam	0,678656	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3771	CC80-47-12-1.00mm	Beam	0,680383	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3772	CC80-47-12-1.00mm	Beam	0,678773	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3773	CC80-47-12-1.00mm	Beam	0,662803	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3774	CC80-47-12-1.00mm	Beam	0,548589	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,86
3775	CC80-47-12-1.00mm	Beam	0,626807	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3776	CC80-47-12-1.00mm	Beam	0,814639	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3777	CC80-47-12-1.00mm	Beam	0,654723	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3778	CC80-47-12-1.00mm	Beam	0,692852	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3779	CC80-47-12-1.00mm	Beam	0,699873	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3780	CC80-47-12-1.00mm	Beam	0,712328	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3781	CC80-47-12-1.00mm	Beam	0,634417	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3782	CC80-47-12-1.00mm	Beam	0,627136	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,86
3783	CC80-47-12-1.00mm	Beam	0,651724	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3784	CC80-47-12-1.00mm	Beam	0,790472	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3785	CC80-47-12-1.00mm	Beam	0,62083	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3786	CC80-47-12-1.00mm	Beam	0,660088	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3787	CC80-47-12-1.00mm	Beam	0,675705	PMM	1.2G+1.0Q+0.2S+1.0EYP	1

3788	CC80-47-12-1.00mm	Beam	0,692364	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3789	CC80-47-12-1.00mm	Beam	0,587123	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3790	CC80-47-12-1.00mm	Beam	0,653701	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,86
3791	CC80-47-12-1.00mm	Beam	0,622689	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3792	CC80-47-12-1.00mm	Beam	0,741487	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,47
3793	CC80-47-12-1.00mm	Beam	0,618319	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3794	CC80-47-12-1.00mm	Beam	0,61186	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,864
3795	CC80-47-12-1.00mm	Beam	0,632187	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3796	CC80-47-12-1.00mm	Beam	0,644363	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3797	CC80-47-12-1.00mm	Beam	0,537311	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3798	CC80-47-12-1.00mm	Beam	0,65105	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,86
3799	CC80-47-12-1.00mm	Beam	0,571874	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3800	CC80-47-12-1.00mm	Beam	0,675068	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,47
3801	CC80-47-12-1.00mm	Beam	0,649466	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3802	CC80-47-12-1.00mm	Beam	0,550752	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,864
3803	CC80-47-12-1.00mm	Beam	0,579529	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3804	CC80-47-12-1.00mm	Beam	0,579116	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3805	CC80-47-12-1.00mm	Beam	0,47511	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3806	CC80-47-12-1.00mm	Beam	0,604764	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,86
3807	CC80-47-12-1.00mm	Beam	0,545486	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3808	CC80-47-12-1.00mm	Beam	0,591675	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,47
3809	CC80-47-12-1.00mm	Beam	0,686169	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3810	CC80-47-12-1.00mm	Beam	0,477705	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,864
3811	CC80-47-12-1.00mm	Beam	0,526572	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3812	CC80-47-12-1.00mm	Beam	0,506915	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3813	CC80-47-12-1.00mm	Beam	0,411096	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3814	CC80-47-12-1.00mm	Beam	0,542217	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,86
3815	CC80-47-12-1.00mm	Beam	0,562033	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3816	CC80-47-12-1.00mm	Beam	0,508155	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,47
3817	CC80-47-12-1.00mm	Beam	0,720789	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3818	CC80-47-12-1.00mm	Beam	0,411057	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3819	CC80-47-12-1.00mm	Beam	0,484422	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3820	CC80-47-12-1.00mm	Beam	0,442998	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3821	CC80-47-12-1.00mm	Beam	0,36998	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3822	CC80-47-12-1.00mm	Beam	0,534979	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,86
3823	CC80-47-12-1.00mm	Beam	0,519714	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3824	CC80-47-12-1.00mm	Beam	0,511853	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,47
3825	CC80-47-12-1.00mm	Beam	0,734767	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3826	CC80-47-12-1.00mm	Beam	0,383584	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3827	CC80-47-12-1.00mm	Beam	0,464265	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3828	CC80-47-12-1.00mm	Beam	0,405053	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3829	CC80-47-12-1.00mm	Beam	0,388989	PMM	1.2G+1.0Q+0.2S+1.0EXP	1
3830	CC80-47-12-1.00mm	Beam	0,542102	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,86
3831	CC80-47-12-1.00mm	Beam	0,547544	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3832	CC80-47-12-1.00mm	Beam	0,46573	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,47
3833	CC80-47-12-1.00mm	Beam	0,68154	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3834	CC80-47-12-1.00mm	Beam	0,396333	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3835	CC80-47-12-1.00mm	Beam	0,460227	PMM	1.2G+1.0Q+0.2S+1.0EYP	1

3836	CC80-47-12-1.00mm	Beam	0,394897	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3837	CC80-47-12-1.00mm	Beam	0,409692	PMM	1.2G+1.0Q+0.2S+1.0EYP	1
3838	CC80-47-12-1.00mm	Beam	0,524471	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,86
3839	ARAKAT 1.20mm	Beam	0,370944	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,2024
3840	ARAKAT 1.20mm	Beam	0,279602	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3841	ARAKAT 1.20mm	Beam	0,224618	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3842	ARAKAT 1.20mm	Beam	0,20215	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3843	ARAKAT 1.20mm	Beam	0,220991	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3844	ARAKAT 1.20mm	Beam	0,225705	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3845	ARAKAT 1.20mm	Beam	0,205774	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3846	ARAKAT 1.20mm	Beam	0,186457	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3847	ARAKAT 1.20mm	Beam	0,170972	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3848	ARAKAT 1.20mm	Beam	0,234832	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,4048
3849	ARAKAT 1.20mm	Beam	0,400456	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,2024
3850	ARAKAT 1.20mm	Beam	0,355978	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3851	ARAKAT 1.20mm	Beam	0,244322	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3852	ARAKAT 1.20mm	Beam	0,173832	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3853	ARAKAT 1.20mm	Beam	0,183482	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3854	ARAKAT 1.20mm	Beam	0,198886	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3855	ARAKAT 1.20mm	Beam	0,218396	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3856	ARAKAT 1.20mm	Beam	0,214895	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3857	ARAKAT 1.20mm	Beam	0,19581	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3858	ARAKAT 1.20mm	Beam	0,221457	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3859	ARAKAT 1.20mm	Beam	0,28699	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3860	ARAKAT 1.20mm	Beam	0,376298	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3861	ARAKAT 1.20mm	Beam	0,342691	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,2024
3862	ARAKAT 1.20mm	Beam	0,375635	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3863	ARAKAT 1.20mm	Beam	0,285168	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3864	ARAKAT 1.20mm	Beam	0,246305	PMM	1.2G+1.0Q+0.5S+1.6RXP	0,4048
3865	ARAKAT 1.20mm	Beam	0,34982	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3866	ARAKAT 1.20mm	Beam	0,315805	PMM	1.2G+1.0Q+0.5S+1.6RYN	0,4048
3867	ARAKAT 1.20mm	Beam	0,231881	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3868	ARAKAT 1.20mm	Beam	0,204575	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3869	ARAKAT 1.20mm	Beam	0,183964	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3870	ARAKAT 1.20mm	Beam	0,244766	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,4048
3871	ARAKAT 1.20mm	Beam	0,327753	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,2024
3872	ARAKAT 1.20mm	Beam	0,30241	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3873	ARAKAT 1.20mm	Beam	0,14043	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3874	ARAKAT 1.20mm	Beam	0,097429	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,37525
3875	ARAKAT 1.20mm	Beam	0,079246	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,37525
3876	ARAKAT 1.20mm	Beam	0,058981	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,37525
3877	ARAKAT 1.20mm	Beam	0,07196	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3878	ARAKAT 1.20mm	Beam	0,089482	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,37525
3879	ARAKAT 1.20mm	Beam	0,130917	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,37525
3880	ARAKAT 1.20mm	Beam	0,342869	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,18763
3881	ARAKAT 1.20mm	Beam	0,37453	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3882	ARAKAT 1.20mm	Beam	0,219671	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3883	ARAKAT 1.20mm	Beam	0,188057	PMM	1.2G+1.0Q+0.2S+1.0EYN	0

3884	ARAKAT 1.20mm	Beam	0,205797	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3885	ARAKAT 1.20mm	Beam	0,224679	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3886	ARAKAT 1.20mm	Beam	0,244314	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3887	ARAKAT 1.20mm	Beam	0,24214	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3888	ARAKAT 1.20mm	Beam	0,218079	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3889	ARAKAT 1.20mm	Beam	0,246843	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3890	ARAKAT 1.20mm	Beam	0,326491	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3891	ARAKAT 1.20mm	Beam	0,300944	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,2024
3892	ARAKAT 1.20mm	Beam	0,468624	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3893	ARAKAT 1.20mm	Beam	0,324372	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3894	ARAKAT 1.20mm	Beam	0,231589	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3895	ARAKAT 1.20mm	Beam	0,19958	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,4048
3896	ARAKAT 1.20mm	Beam	0,212023	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3897	ARAKAT 1.20mm	Beam	0,225461	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3898	ARAKAT 1.20mm	Beam	0,210518	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3899	ARAKAT 1.20mm	Beam	0,192924	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3900	ARAKAT 1.20mm	Beam	0,175181	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3901	ARAKAT 1.20mm	Beam	0,214235	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,4048
3902	ARAKAT 1.20mm	Beam	0,352375	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,2024
3903	ARAKAT 1.20mm	Beam	0,345114	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3904	ARAKAT 1.20mm	Beam	0,218616	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3905	ARAKAT 1.20mm	Beam	0,111895	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,37525
3906	ARAKAT 1.20mm	Beam	0,075221	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,37525
3907	ARAKAT 1.20mm	Beam	0,073354	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3908	ARAKAT 1.20mm	Beam	0,079201	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3909	ARAKAT 1.20mm	Beam	0,115741	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3910	ARAKAT 1.20mm	Beam	0,218653	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,37525
3911	ARAKAT 1.20mm	Beam	0,346858	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,18763
3912	ARAKAT 1.20mm	Beam	0,368364	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3913	ARAKAT 1.20mm	Beam	0,223827	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
3914	ARAKAT 1.20mm	Beam	0,182638	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3915	ARAKAT 1.20mm	Beam	0,196069	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3916	ARAKAT 1.20mm	Beam	0,210959	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3917	ARAKAT 1.20mm	Beam	0,221039	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3918	ARAKAT 1.20mm	Beam	0,21495	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3919	ARAKAT 1.20mm	Beam	0,200565	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3920	ARAKAT 1.20mm	Beam	0,235573	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3921	ARAKAT 1.20mm	Beam	0,342554	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3922	ARAKAT 1.20mm	Beam	0,486699	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,2024
3923	ARAKAT 1.20mm	Beam	0,348346	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3924	ARAKAT 1.20mm	Beam	0,231464	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3925	ARAKAT 1.20mm	Beam	0,177432	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3926	ARAKAT 1.20mm	Beam	0,193513	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3927	ARAKAT 1.20mm	Beam	0,215776	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3928	ARAKAT 1.20mm	Beam	0,243148	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3929	ARAKAT 1.20mm	Beam	0,293224	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3930	ARAKAT 1.20mm	Beam	0,218051	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
3931	ARAKAT 1.20mm	Beam	0,238326	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048

3932	ARAKAT 1.20mm	Beam	0,352786	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,4048
3933	ARAKAT 1.20mm	Beam	0,430383	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,2024
3934	ARAKAT 1.20mm	Beam	0,421885	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3935	ARAKAT 1.20mm	Beam	0,356009	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3936	ARAKAT 1.20mm	Beam	0,24781	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3937	ARAKAT 1.20mm	Beam	0,300631	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,4048
3938	ARAKAT 1.20mm	Beam	0,313941	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,4048
3939	ARAKAT 1.20mm	Beam	0,308829	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3940	ARAKAT 1.20mm	Beam	0,22313	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3941	ARAKAT 1.20mm	Beam	0,197322	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3942	ARAKAT 1.20mm	Beam	0,177304	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,4048
3943	ARAKAT 1.20mm	Beam	0,225488	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,4048
3944	ARAKAT 1.20mm	Beam	0,366101	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,2024
3949	CC140-47-12-1.00mm	Beam	0,523595	PMM	0.9G+1.6RYP	0
3951	CC140-47-12-1.00mm	Beam	0,574104	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3952	CC140-47-12-1.00mm	Beam	0,339906	PMM	0.9G+1.6RYP	0,092
3953	CC140-47-12-1.00mm	Beam	0,340919	PMM	0.9G+1.6RYP	0,092
3954	CC140-47-12-1.00mm	Beam	0,413209	PMM	0.9G+1.6RYP	0
3955	CC140-47-12-1.00mm	Beam	0,408055	PMM	0.9G+1.6RYP	0
3956	CC140-47-12-1.00mm	Beam	0,60207	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,16
3958	CC140-47-12-1.00mm	Beam	0,376791	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3963	CC140-47-12-1.00mm	Beam	0,395999	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,12
3965	CC140-47-12-1.00mm	Beam	0,556344	PMM	0.9G+1.0EXN	0
3966	CC140-47-12-1.00mm	Beam	0,368136	PMM	0.9G+1.6RYP	0,092
3967	CC140-47-12-1.00mm	Beam	0,378411	PMM	0.9G+1.6RYP	0,092
3968	CC140-47-12-1.00mm	Beam	0,351543	PMM	0.9G+1.6RYP	0,1
3969	CC140-47-12-1.00mm	Beam	0,367048	PMM	0.9G+1.6RYP	0
3970	CC140-47-12-1.00mm	Beam	0,564023	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,16
3972	CC140-47-12-1.00mm	Beam	0,550448	PMM	0.9G+1.6RYP	0,138
3973	CC140-47-12-1.00mm	Beam	0,564621	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,24263
3974	CC140-47-12-1.00mm	Beam	0,605696	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3975	CC140-47-12-1.00mm	Beam	0,7014	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,45
3976	CC140-47-12-1.00mm	Beam	0,856452	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,08625
3977	CC140-47-12-1.00mm	Beam	0,919464	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,01375
3978	CC140-47-12-1.00mm	Beam	0,719907	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3979	CC140-47-12-1.00mm	Beam	0,803557	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3980	CC140-47-12-1.00mm	Beam	0,510619	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,3135
3981	CC140-47-12-1.00mm	Beam	0,626455	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3982	CC140-47-12-1.00mm	Beam	0,513605	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
3983	CC140-47-12-1.00mm	Beam	0,703188	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3984	CC140-47-12-1.00mm	Beam	0,649341	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
3985	CC140-47-12-1.00mm	Beam	0,683933	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,523
3986	CC140-47-12-1.00mm	Beam	0,845717	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
3989	CC140-47-12-1.00mm	Beam	0,426709	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,13575
3990	CC140-47-12-1.00mm	Beam	0,322563	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,12
3991	CC140-47-12-1.00mm	Beam	0,542245	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,1515
3992	CC140-47-12-1.00mm	Beam	0,530243	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3993	CC140-47-12-1.00mm	Beam	0,357602	PMM	1.2G+1.0Q+0.2S+1.0EYP	0

3994	CC140-47-12-1.00mm	Beam	0,296277	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,10913
3995	CC140-47-12-1.00mm	Beam	0,255609	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,46787
3996	CC140-47-12-1.00mm	Beam	0,413429	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,262
3997	CC140-47-12-1.00mm	Beam	0,364591	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3998	CC140-47-12-1.00mm	Beam	0,35023	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
3999	CC140-47-12-1.00mm	Beam	0,165791	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
4000	CC140-47-12-1.00mm	Beam	0,219372	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,19362
4001	CC140-47-12-1.00mm	Beam	0,215431	PMM	1.2G+1.0Q+0.5S+1.6RYN	0,55
4002	CC140-47-12-1.00mm	Beam	0,225778	PMM	1.2G+1.0Q+0.5S+1.6RYN	0
4003	CC140-47-12-1.00mm	Beam	0,227189	PMM	0.9G+1.6RYN	0,362
4004	CC140-47-12-1.00mm	Beam	0,243351	PMM	1.2G+1.0Q+0.5S+1.6RYN	0
4005	CC140-47-12-1.00mm	Beam	0,212651	PMM	1.2G+1.0Q+0.5S+1.6RYN	0
4006	CC140-47-12-1.00mm	Beam	0,191327	PMM	1.2G+1.0Q+0.5S+1.6RYN	0
4007	CC140-47-12-1.00mm	Beam	0,302019	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,2735
4008	CC140-47-12-1.00mm	Beam	0,405701	PMM	0.9G+1.6RYN	0,19125
4009	CC140-47-12-1.00mm	Beam	0,424307	PMM	1.2G+1.0Q+0.5S+1.6RYN	0,01375
4010	CC140-47-12-1.00mm	Beam	0,412319	PMM	0.9G+1.6RYN	0
4011	CC140-47-12-1.00mm	Beam	0,273069	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,22788
4012	CC140-47-12-1.00mm	Beam	0,327062	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,35212
4013	CC140-47-12-1.00mm	Beam	0,336195	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,362
4014	CC140-47-12-1.00mm	Beam	0,386865	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,0295
4015	CC140-47-12-1.00mm	Beam	0,360727	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
4016	CC140-47-12-1.00mm	Beam	0,237637	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,51063
4017	CC140-47-12-1.00mm	Beam	0,347163	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
4018	CC140-47-12-1.00mm	Beam	0,338656	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
4019	CC140-47-12-1.00mm	Beam	0,410177	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,12
4020	CC140-47-12-1.00mm	Beam	0,4103	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
4023	CC140-47-12-1.00mm	Beam	0,705016	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4025	CC140-47-12-1.00mm	Beam	0,293668	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,27
4026	CC140-47-12-1.00mm	Beam	0,413929	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,21788
4027	CC140-47-12-1.00mm	Beam	0,342997	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
4028	CC140-47-12-1.00mm	Beam	0,38616	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,27
4030	CC140-47-12-1.00mm	Beam	0,526397	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,032
4031	CC140-47-12-1.00mm	Beam	0,308359	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
4032	CC140-47-12-1.00mm	Beam	0,524566	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,028
4033	CC140-47-12-1.00mm	Beam	0,764082	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4037	CC140-47-12-1.00mm	Beam	0,56178	PMM	1.2G+1.0Q+0.5S+1.6RYN	0,1555
4038	CC140-47-12-1.00mm	Beam	0,747793	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,028
4039	CC140-47-12-1.00mm	Beam	0,903982	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4042	CC140-47-12-1.00mm	Beam	0,760942	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,105
4044	CC140-47-12-1.00mm	Beam	0,794455	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
4045	CC140-47-12-1.00mm	Beam	0,546859	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
4047	CC80-47-12-1.00mm	Beam	0,926736	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,163
4050	CC80-47-12-1.00mm	Beam	0,947209	PMM	1.2G+1.0Q+0.2S+1.0EYP	0
4051	CC140-47-12-1.00mm	Beam	0,80594	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
4052	CC140-47-12-1.00mm	Beam	0,558317	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,6
4054	CC80-47-12-1.00mm	Beam	0,941068	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,163
4058	CC80-47-12-1.00mm	Beam	0,357523	PMM	0.9G+1.0EXP	0

4059	CC80-47-12-1.00mm	Beam	0,370731	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4060	CC80-47-12-1.00mm	Beam	0,590075	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,6
4061	CC80-47-12-1.00mm	Beam	0,883777	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,6
4085	MAKAS 1.00mm	Beam	0,466464	PMM	1.2G+1.0Q+0.5S+1.6RXN	0,4
4087	MAKAS 1.00mm	Beam	0,867553	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,72988
4088	MAKAS 1.00mm	Beam	0,654218	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
4089	MAKAS 1.00mm	Beam	0,655849	PMM	1.2G+1.0Q+0.2S+1.0EYN	0,01375
4090	MAKAS 1.00mm	Beam	0,841204	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
4092	MAKAS 1.00mm	Beam	0,815679	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4093	MAKAS 1.00mm	Beam	0,838861	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,4
4095	MAKAS 1.00mm	Beam	0,691328	PMM	0.9G+1.0EYN	0,72988
4096	MAKAS 1.00mm	Beam	0,600501	PMM	0.9G+1.0EYN	0
4097	MAKAS 1.00mm	Beam	0,57883	PMM	0.9G+1.0EYN	0,01375
4098	MAKAS 1.00mm	Beam	0,736208	PMM	0.9G+1.0EYN	0
4101	MAKAS 1.00mm	Beam	0,930324	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,4
4166	MAKAS 1.00mm	Brace	0,151812	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4167	MAKAS 1.00mm	Brace	0,260916	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,73989
4168	MAKAS 1.00mm	Brace	0,203641	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4169	MAKAS 1.00mm	Brace	0,351881	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,5425
4170	MAKAS 1.00mm	Brace	0,351083	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,5425
4171	MAKAS 1.00mm	Brace	0,378477	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,3774
4172	MAKAS 1.00mm	Column	0,369268	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4173	MAKAS 1.00mm	Brace	0,247251	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,32321
4174	MAKAS 1.00mm	Column	0,185901	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
4175	MAKAS 1.00mm	Brace	0,161582	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
4176	MAKAS 1.00mm	Brace	0,198501	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,73989
4177	MAKAS 1.00mm	Brace	0,215496	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4178	MAKAS 1.00mm	Brace	0,323155	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,5425
4179	MAKAS 1.00mm	Brace	0,34045	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,5425
4180	MAKAS 1.00mm	Brace	0,376312	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4181	MAKAS 1.00mm	Column	0,382232	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4182	MAKAS 1.00mm	Brace	0,212143	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,32321
4183	MAKAS 1.00mm	Column	0,155678	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4184	MAKAS 1.00mm	Beam	0,18152	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,303
4192	MAKAS 1.00mm	Beam	0,802721	PMM	0.9G+1.0EXP	0,303
4194	MAKAS 1.00mm	Beam	0,183516	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
4195	MAKAS 1.00mm	Brace	0,152764	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,32321
4196	MAKAS 1.00mm	Brace	0,270234	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4197	MAKAS 1.00mm	Brace	0,52629	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4198	MAKAS 1.00mm	Brace	0,464993	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4199	MAKAS 1.00mm	Brace	0,427633	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,64642
4200	MAKAS 1.00mm	Brace	0,434476	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4201	MAKAS 1.00mm	Brace	0,461524	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,64642
4202	MAKAS 1.00mm	Brace	0,530062	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,64642
4203	MAKAS 1.00mm	Brace	0,243301	PMM	0.9G+1.0EXP	0,32321
4204	MAKAS 1.00mm	Brace	0,18851	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
4205	MAKAS 1.00mm	Brace	0,167602	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
4206	MAKAS 1.00mm	Brace	0,191491	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,73989

4207	MAKAS 1.00mm	Brace	0,206733	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4208	MAKAS 1.00mm	Brace	0,30988	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,5425
4209	MAKAS 1.00mm	Brace	0,351593	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,5425
4210	MAKAS 1.00mm	Brace	0,369753	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4211	MAKAS 1.00mm	Column	0,374092	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4212	MAKAS 1.00mm	Brace	0,215122	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,32321
4213	MAKAS 1.00mm	Column	0,174592	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4214	MAKAS 1.00mm	Brace	0,148821	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4215	MAKAS 1.00mm	Brace	0,277264	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,73989
4216	MAKAS 1.00mm	Brace	0,207589	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4217	MAKAS 1.00mm	Brace	0,369059	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,5425
4218	MAKAS 1.00mm	Brace	0,319515	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,5425
4219	MAKAS 1.00mm	Brace	0,376244	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,3774
4220	MAKAS 1.00mm	Column	0,361	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4221	MAKAS 1.00mm	Brace	0,246961	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,32321
4222	MAKAS 1.00mm	Column	0,204857	PMM	1.2G+1.0Q+0.2S+1.0EYN	0
4223	MAKAS 1.00mm	Beam	0,195546	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,303
4225	MAKAS 1.00mm	Beam	0,806465	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4233	MAKAS 1.00mm	Beam	0,171997	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
4234	MAKAS 1.00mm	Brace	0,188948	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,32321
4235	MAKAS 1.00mm	Brace	0,230305	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4236	MAKAS 1.00mm	Brace	0,51066	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4237	MAKAS 1.00mm	Brace	0,465943	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4238	MAKAS 1.00mm	Brace	0,421686	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,64642
4239	MAKAS 1.00mm	Brace	0,417841	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4240	MAKAS 1.00mm	Brace	0,445643	PMM	0.9G+1.0EXP	0,64642
4241	MAKAS 1.00mm	Brace	0,516872	PMM	0.9G+1.0EXP	0,64642
4242	MAKAS 1.00mm	Brace	0,284947	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,32321
4243	MAKAS 1.00mm	Brace	0,155836	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
4244	MAKAS 1.00mm	Brace	0,090007	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4245	MAKAS 1.00mm	Brace	0,100962	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,73989
4246	MAKAS 1.00mm	Brace	0,135649	PMM	0.9G+1.0EXP	0
4247	MAKAS 1.00mm	Brace	0,061719	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,5425
4248	MAKAS 1.00mm	Brace	0,205856	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4249	MAKAS 1.00mm	Brace	0,14233	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,3774
4250	MAKAS 1.00mm	Column	0,308771	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
4251	MAKAS 1.00mm	Brace	0,196859	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4252	MAKAS 1.00mm	Column	0,189579	PMM	1.2G+1.0Q+0.5S+1.6RXP	0
4253	MAKAS 1.00mm	Brace	0,087014	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4254	MAKAS 1.00mm	Brace	0,106076	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,73989
4255	MAKAS 1.00mm	Brace	0,1354	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4256	MAKAS 1.00mm	Brace	0,065757	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,5425
4257	MAKAS 1.00mm	Brace	0,189573	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4258	MAKAS 1.00mm	Brace	0,153511	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,3774
4259	MAKAS 1.00mm	Column	0,228695	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4260	MAKAS 1.00mm	Brace	0,19222	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,32321
4261	MAKAS 1.00mm	Column	0,241468	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4262	MAKAS 1.00mm	Beam	0,210584	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,303

4264	MAKAS 1.00mm	Beam	0,449909	PMM	0.9G+1.0EXP	0
4265	MAKAS 1.00mm	Beam	0,231159	PMM	0.9G+1.0EXP	0
4266	MAKAS 1.00mm	Beam	0,118786	PMM	0.9G+1.0EXP	0
4267	MAKAS 1.00mm	Beam	0,113252	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,606
4268	MAKAS 1.00mm	Beam	0,12405	PMM	0.9G+1.0EXP	0,606
4269	MAKAS 1.00mm	Beam	0,193419	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,606
4270	MAKAS 1.00mm	Beam	0,27541	PMM	0.9G+1.0EXP	0
4272	MAKAS 1.00mm	Beam	0,216694	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
4273	MAKAS 1.00mm	Brace	0,135318	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,32321
4274	MAKAS 1.00mm	Brace	0,239043	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
4275	MAKAS 1.00mm	Brace	0,486508	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4276	MAKAS 1.00mm	Brace	0,417608	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4277	MAKAS 1.00mm	Brace	0,428845	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,64642
4278	MAKAS 1.00mm	Brace	0,416439	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4279	MAKAS 1.00mm	Brace	0,398778	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,64642
4280	MAKAS 1.00mm	Brace	0,472584	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,64642
4281	MAKAS 1.00mm	Brace	0,320756	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,32321
4282	MAKAS 1.00mm	Brace	0,119055	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4283	MAKAS 1.00mm	Brace	0,082762	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4284	MAKAS 1.00mm	Brace	0,106857	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,73989
4285	MAKAS 1.00mm	Brace	0,127322	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4286	MAKAS 1.00mm	Brace	0,070211	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,5425
4287	MAKAS 1.00mm	Brace	0,176522	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4288	MAKAS 1.00mm	Brace	0,15417	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,3774
4289	MAKAS 1.00mm	Column	0,214032	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
4290	MAKAS 1.00mm	Brace	0,226602	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,32321
4291	MAKAS 1.00mm	Column	0,268784	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4292	MAKAS 1.00mm	Brace	0,089616	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4293	MAKAS 1.00mm	Brace	0,09471	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,73989
4294	MAKAS 1.00mm	Brace	0,135478	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4295	MAKAS 1.00mm	Brace	0,054897	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,5425
4296	MAKAS 1.00mm	Brace	0,210738	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
4297	MAKAS 1.00mm	Brace	0,131573	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,3774
4298	MAKAS 1.00mm	Column	0,316609	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
4299	MAKAS 1.00mm	Brace	0,198765	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4300	MAKAS 1.00mm	Column	0,189541	PMM	1.2G+1.0Q+0.5S+1.6RXN	0
4301	MAKAS 1.00mm	Beam	0,242401	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,303
4303	MAKAS 1.00mm	Beam	0,249141	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,303
4304	MAKAS 1.00mm	Beam	0,170404	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4305	MAKAS 1.00mm	Beam	0,117459	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,606
4306	MAKAS 1.00mm	Beam	0,114944	PMM	0.9G+1.0EYP	0
4307	MAKAS 1.00mm	Beam	0,104747	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
4308	MAKAS 1.00mm	Beam	0,208514	PMM	0.9G+1.0EXN	0,606
4309	MAKAS 1.00mm	Beam	0,3641	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,303
4311	MAKAS 1.00mm	Beam	0,200095	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
4312	MAKAS 1.00mm	Brace	0,114445	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,32321
4313	MAKAS 1.00mm	Brace	0,320441	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
4314	MAKAS 1.00mm	Brace	0,468258	PMM	1.2G+1.0Q+0.2S+1.0EXN	0

4315	MAKAS 1.00mm	Brace	0,396199	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4316	MAKAS 1.00mm	Brace	0,413471	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,64642
4317	MAKAS 1.00mm	Brace	0,419724	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4318	MAKAS 1.00mm	Brace	0,406949	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,64642
4319	MAKAS 1.00mm	Brace	0,470336	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,64642
4320	MAKAS 1.00mm	Brace	0,240898	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,32321
4321	MAKAS 1.00mm	Brace	0,139968	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4322	CATI PANEL 1.00mm	Beam	0,121627	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,93333
4323	CATI PANEL 1.00mm	Beam	0,215008	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,4
4324	CATI PANEL 1.00mm	Beam	0,514969	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4325	CATI PANEL 1.00mm	Beam	0,832803	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,4
4326	CATI PANEL 1.00mm	Beam	0,866749	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4327	CATI PANEL 1.00mm	Beam	0,77661	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4328	CATI PANEL 1.00mm	Beam	0,884529	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,4
4329	CATI PANEL 1.00mm	Beam	0,850876	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,4
4330	CATI PANEL 1.00mm	Beam	0,514208	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4331	CATI PANEL 1.00mm	Beam	0,249582	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,4
4332	CATI PANEL 1.00mm	Beam	0,111024	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,93333
4333	CATI PANEL 1.00mm	Beam	0,124855	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4334	CATI PANEL 1.00mm	Beam	0,269105	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,4
4335	CATI PANEL 1.00mm	Beam	0,525398	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4336	CATI PANEL 1.00mm	Beam	0,828591	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,4
4337	CATI PANEL 1.00mm	Beam	0,860943	PMM	1.2G+1.0Q+0.2S+1.0EXP	1,4
4338	CATI PANEL 1.00mm	Beam	0,756226	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4339	CATI PANEL 1.00mm	Beam	0,854904	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,4
4340	CATI PANEL 1.00mm	Beam	0,82647	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,4
4341	CATI PANEL 1.00mm	Beam	0,496436	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4342	CATI PANEL 1.00mm	Beam	0,207881	PMM	1.2G+1.0Q+0.2S+1.0EXN	1,4
4343	CATI PANEL 1.00mm	Beam	0,121385	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,93333
4344	CC140-47-12-1.00mm	Beam	0,575285	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,142
4345	CC140-47-12-1.00mm	Beam	0,315096	PMM	0.9G+1.6RYP	0
4346	CC140-47-12-1.00mm	Beam	0,197148	PMM	0.9G+1.6RYP	0
4347	CC140-47-12-1.00mm	Beam	0,180583	PMM	0.9G+1.6RYP	0,252
4348	CC140-47-12-1.00mm	Beam	0,201222	PMM	0.9G+1.6RYP	0,354
4349	CC140-47-12-1.00mm	Beam	0,231612	PMM	0.9G+1.6RYP	0,31267
4350	CC140-47-12-1.00mm	Beam	0,367878	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,29333
4351	CC140-47-12-1.00mm	Beam	0,472352	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4352	CC140-47-12-1.00mm	Beam	0,401405	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,086
4354	CC140-47-12-1.00mm	Beam	0,763055	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,188
4355	CC140-47-12-1.00mm	Beam	0,732994	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4357	CC140-47-12-1.00mm	Beam	0,405593	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4358	CC140-47-12-1.00mm	Beam	0,566851	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,142
4359	CC140-47-12-1.00mm	Beam	0,377111	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
4360	CC140-47-12-1.00mm	Beam	0,239111	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
4361	CC140-47-12-1.00mm	Beam	0,190595	PMM	0.9G+1.6RYP	0
4362	CC140-47-12-1.00mm	Beam	0,186158	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,354
4363	CC140-47-12-1.00mm	Beam	0,203919	PMM	0.9G+1.6RYP	0,31267
4364	CC140-47-12-1.00mm	Beam	0,305292	PMM	0.9G+1.6RYP	0,29333

4365	CC140-47-12-1.00mm	Beam	0,468557	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4366	CC140-47-12-1.00mm	Beam	0,411115	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,086
4368	CC140-47-12-1.00mm	Beam	0,743016	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,188
4369	CC140-47-12-1.00mm	Beam	0,71041	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4371	CC140-47-12-1.00mm	Beam	0,377813	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4372	CC140-47-12-1.00mm	Beam	0,502764	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,2995
4373	CC140-47-12-1.00mm	Beam	0,47783	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4374	CC140-47-12-1.00mm	Beam	0,607276	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,2995
4375	CC140-47-12-1.00mm	Beam	0,676003	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,07
4376	CC140-47-12-1.00mm	Beam	0,464235	PMM	0.9G+1.0EXN	0,2
4377	CC140-47-12-1.00mm	Beam	0,615998	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,07
4378	CC140-47-12-1.00mm	Beam	0,593029	PMM	0.9G+1.0EXP	0,2
4379	CC140-47-12-1.00mm	Beam	0,700266	PMM	1.2G+1.0Q+0.2S+1.0EXN	0,07
4380	MAKAS 1.00mm	Beam	0,368632	PMM	0.9G+1.6RYP	0,097
4401	MAKAS 1.00mm	Beam	0,356337	PMM	0.9G+1.6RYP	0
4402	MAKAS 1.00mm	Beam	0,385804	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,097
4423	MAKAS 1.00mm	Beam	0,36052	PMM	0.9G+1.6RYP	0
4424	MAKAS 1.00mm	Beam	0,345119	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,097
4425	MAKAS 1.00mm	Beam	0,765432	PMM	1.2G+1.0Q+0.2S+1.0EXP	0
4426	MAKAS 1.00mm	Beam	0,529282	PMM	1.2G+1.0Q+0.5S+1.6RYP	0,206
4427	MAKAS 1.00mm	Beam	0,476381	PMM	1.2G+1.0Q+0.2S+1.0EXN	0
4428	MAKAS 1.00mm	Beam	0,555582	PMM	1.2G+1.0Q+0.2S+1.0EXP	0,097
4429	MAKAS 1.00mm	Beam	0,539693	PMM	1.2G+1.0Q+0.5S+1.6RYP	0
4430	MAKAS 1.00mm	Beam	0,722993	PMM	1.2G+1.0Q+0.2S+1.0EYP	0,206
4431	MAKAS 1.00mm	Beam	0,326744	PMM	1.2G+1.0Q+0.5S+1.6RYP	0

8. YAPI DİZAYN YÖNETMELİĞİ:

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

Set To Default Values

Reset To Previous Values

All Items Selected Items All Items Selected Items

OK Cancel

STAI

9. SEHİM DEFORMASYONU HESABI :

Sehim Kriterleri :

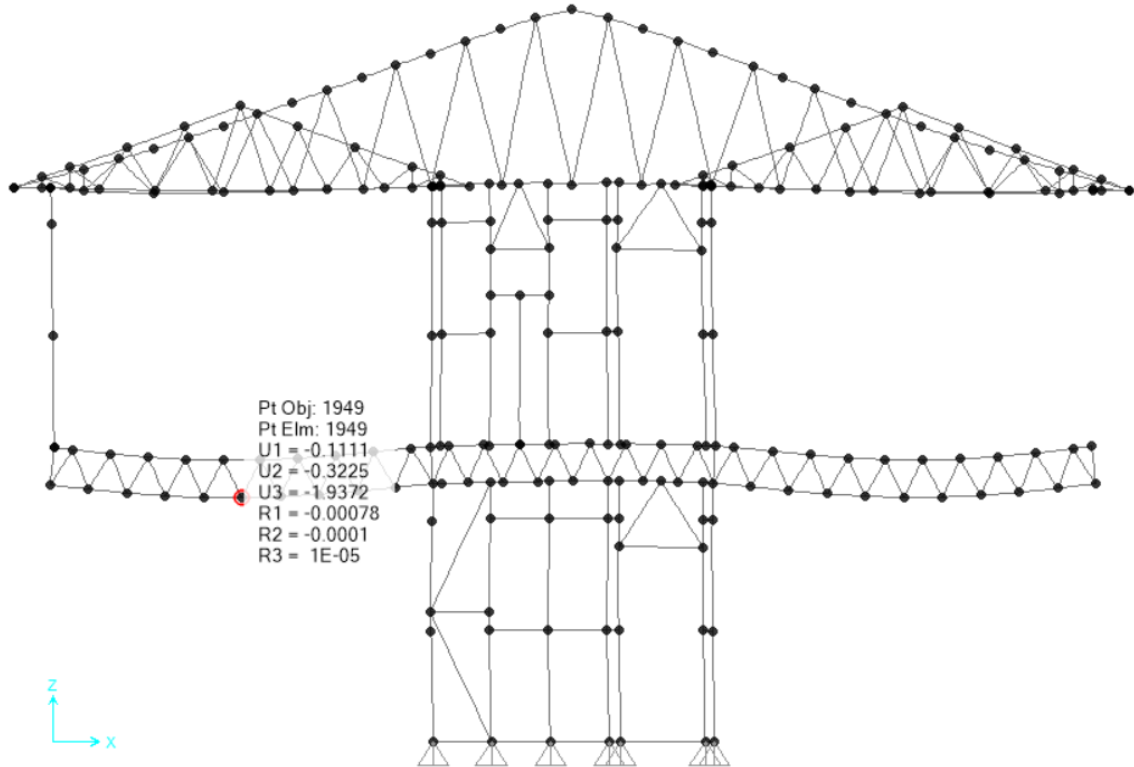
- Kolon başı (her iki yönde) hkolon/250
- Kiriş ve aşıklar (her iki yönde) lkiriş/300
- Konsol (düşeyde) lKonsol/200
- Konsol sonu (yatayda) lKonsol/100

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

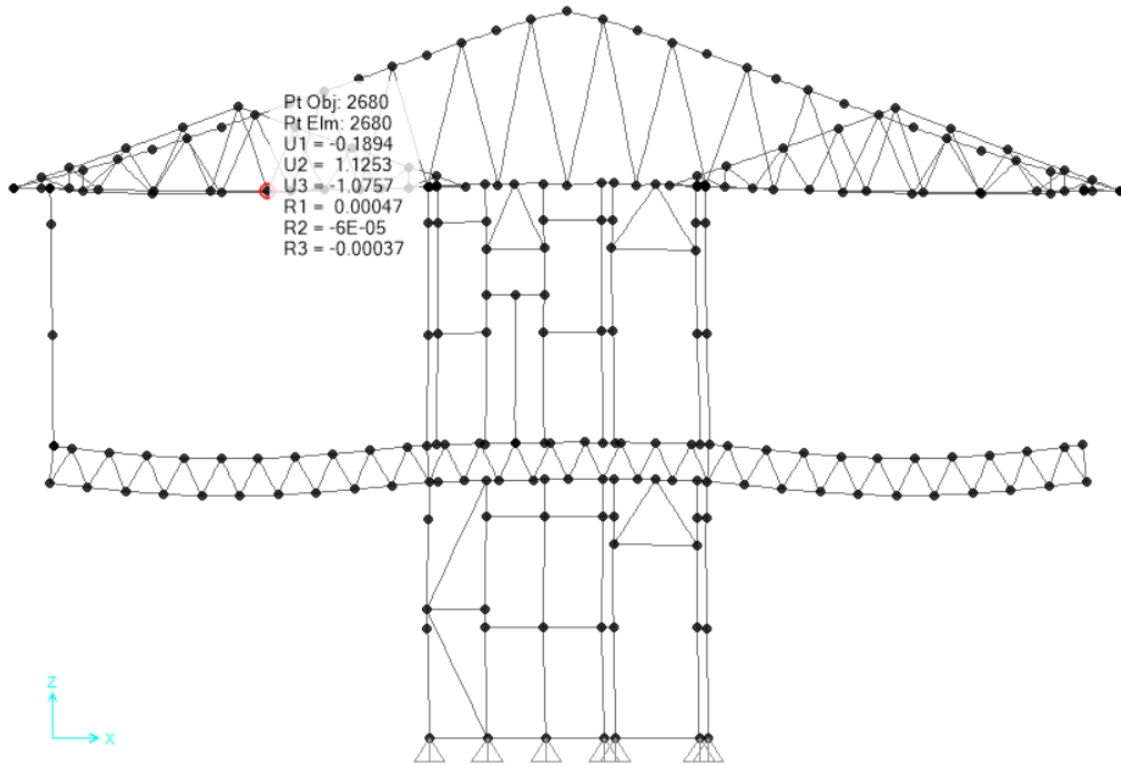
Arakat Elemanlarında Sehim Kontrolü

Deformed Shape (SEHİM)



$$4048\text{mm} / 300 = 13,49 \text{ mm} > 1,93\text{mm}$$

Makas Elemanlarında Sehim Kontrolü



$$4048\text{mm} / 300 = 13,49 \text{ mm} > 1,07 \text{ mm}$$

STATIK RAPOR

9. GÖRELİ KAT ÖTELEMESİ KONTROLÜ :

TBDY 2018 Deprem Yönetmeliğine göre Analiz Edilmiştir.

4.9. GÖRELİ KAT ÖTELEMELERİNİN SINIRLANDIRILMASI, İKİNCİ MERTEBE ETKİLERİ VE DEPREM DERZLERİ

4.9.1. Etkin Görelî Kat Ötelemelerinin Hesaplanması ve Sınırlandırılması

4.9.1.1 – (X) deprem doğrultusunda herhangi bir kolon veya perde için, ardışık iki kat arasındaki yerdeğiştirme farkını ifade eden *azaltılmış görelî kat ötelemesi*, $\Delta_i^{(X)}$, Denk.(4.32) ile elde edilecektir.

$$\Delta_i^{(X)} = u_i^{(X)} - u_{i-1}^{(X)} \quad (4.32)$$

Denk.(4.32)'de $u_i^{(X)}$ ve $u_{i-1}^{(X)}$, tipik (X) deprem doğrultusu için binanın i 'inci ve $(i-1)$ 'inci katlarında herhangi bir kolon veya perdenin uçlarında *azaltılmış deprem yükleri*'ne göre hesaplanan yatay yerdeğiştirmeleri göstermektedir. Ancak bu hesapta 4.7.3.2'de verilen koşul ve ayrıca Denk.(4.19)'da tanımlanan minimum eşdeğer deprem yükü koşulu gözönüne alınmayacaktır.

4.9.1.2 – Tipik (X) deprem doğrultusu için, binanın i 'inci katındaki kolon veya perdeler için *etkin görelî kat ötelemesi*, $\delta_i^{(X)}$, Denk.(4.33) ile elde edilecektir.

$$\delta_i^{(X)} = \frac{R}{I} \Delta_i^{(X)} \quad (4.33)$$

4.9.1.3 – Her bir deprem doğrultusu için, binanın herhangi bir i 'inci katındaki kolon veya perdelerde, Denk.(4.33) ile hesaplanan $\delta_i^{(X)}$ etkin görelî kat ötelemelerinin kat içindeki en büyük değeri $\delta_{i,max}^{(X)}$, aşağıda (a) veya (b)'de verilen koşulları sağlayacaktır.

(a) Gevrek malzemeden yapılmış boşluklu veya boşluksuz dolgu duvarlarının ve cephe elemanlarının çerçeve elemanlarına, aralarında herhangi bir esnek derz veya bağlantı olmaksızın, tamamen bitişik olması durumunda:

$$\lambda \frac{\delta_{i,max}^{(X)}}{h_i} \leq 0.008 \kappa \quad (4.34a)$$

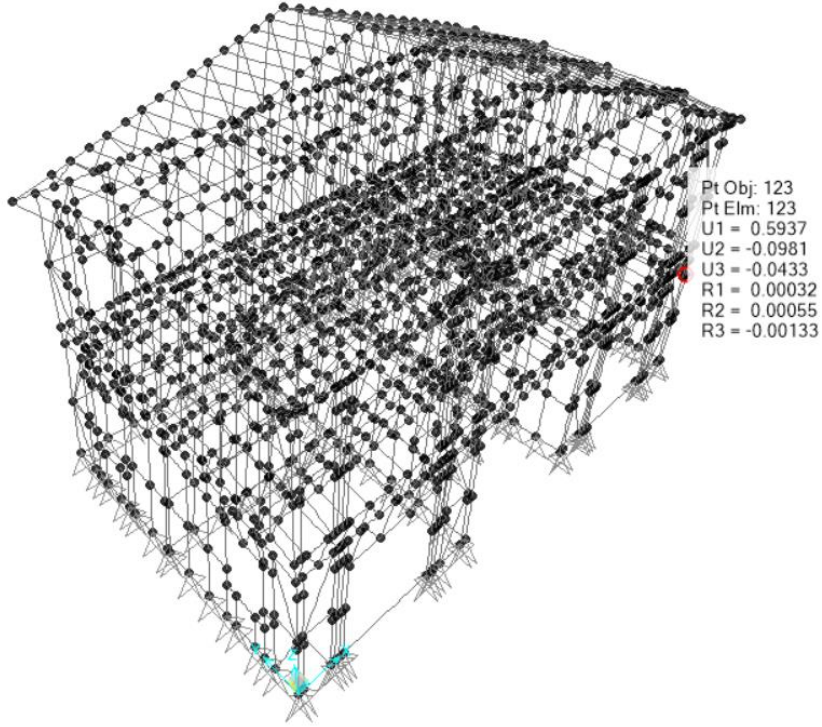
(b) Gevrek malzemeden yapılmış dolgu duvarları ile çerçeve elemanlarının aralarında esnek derzler yapılması, cephe elemanlarının dış çerçevelere esnek bağlantılarla bağlanması veya dolgu duvar elemanının çerçeveden bağımsız olması durumunda:

$$\lambda \frac{\delta_{i,max}^{(X)}}{h_i} \leq 0.016 \kappa \quad (4.34b)$$

STA

X Yönü Görelî Kat Ötelemesi Kontrolü

Deformed Shape (EX)

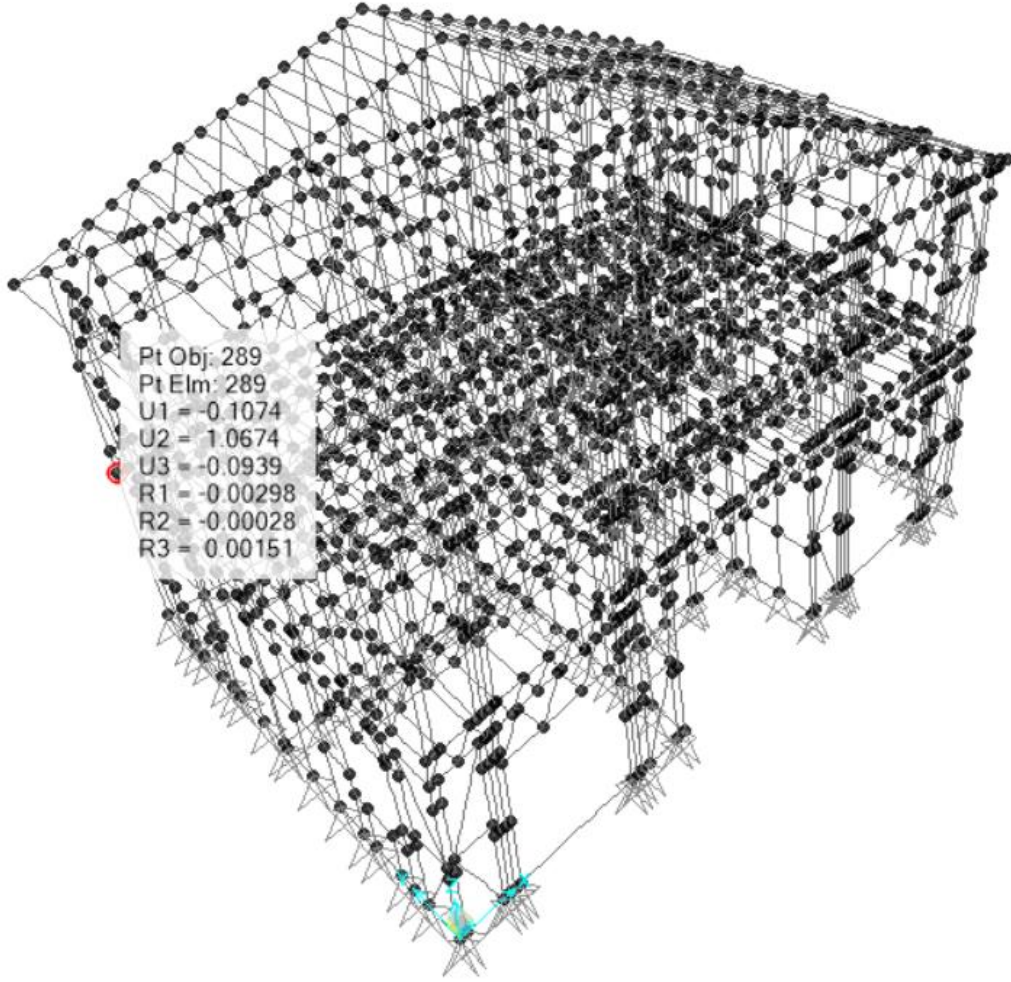


FK

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_{ix}	u_{i-1}	h_i	Δ_{ix}	$\delta_{ix} = (R/I) \cdot \Delta_{ix}$	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
		EX	0,098	0,280	0,10	0,29	0,001	0,425	0,00045	\checkmark	

STATİK RAPORU

Y Yönü Görelî Kat Ötelemesi Kontrolü



R	3	SDS (DD-3)	0,279								
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}	$\delta_{iy} = (R/I) \cdot \Delta_{iy}$	δ_{iy}/h_i	λ	$\lambda \frac{\delta_{i,max}^{(X)}}{h_i}$	$\lambda \frac{\delta_{i,max}^{(X)}}{h_i} \leq 0.016 \kappa$ < 0,008
			cm	cm	cm	cm	cm	cm		cm	
	EY		1,06	0	280	1,06	3,18	0,011	0,425	0,00483	v