

Kablo Taşıyıcı Sistemleri / Cable Chain Systems

# ÜRÜN KATALOĞU

## PRODUCT CATALOGUE



ORTAC®



# İÇİNDEKİLER

## INDEX



**PLASTİK HAFİF SERİ**  
*PLASTIC LIGHT SERIE*

4-41



**PLASTİK ORTA SERİ**  
*PLASTIC MEDIUM SERIE*

42-73



**PLASTİK AĞIR SERİ**  
*PLASTIC HEAVY SERIE*

74-101



**ÇELİK SERİ**  
*STEEL SERIE*

102-149



**PLASTİK & METAL SPIRAL  
BORULAR ve AKS.**

*PLASTIC & METAL FLEXIBLE CONDUITS and FITTINGS*

150-181



**UYGULAMALAR**  
*APPLICATIONS*

182-183

## Firma Profili

Firmamız 1969 yılında Türkiye'de ilk endüstriyel enjeksiyon makine kalıplarını üretenlerden biri olan Mehmet Ortaç tarafından kurulmuştur.

Bugün Ortac farklı sanayiler ve pazarlar için plastik, metal kablo rakorları ve spiral boru ve aksesuarları üretilen mekanik, sistem mühendisliği, otomotiv sanayi, raylı sistemler, elektrik ve tesisat mühendisliği, tehlikeli alanlar, aydınlatma endüstrisi ve daha fazla alanlara hizmet eder. Tüm Ortac ürünleri firmanın İstanbul'daki kendi üretim tesislerinde tasarlanır ve üretilir.

Ortac firması ve ürünleri şu an itibarıyla dünyanın farklı noktalarında 50'den fazla firma tarafından temsil edilmektedir. 15 enjeksiyon makinesi, 8 cnc ve diğer metal işleme makineleri, kalıphane, arge ve kalite departmanları ile 80'den fazla kişiye istihdam sağlamaktadır.

## Company Profile

*The company was founded in 1969 by Mr. ORTAC who is the first industrially produced injection machine tools in Turkey.*

*Today Ortac produces plastic & metal cable glands and protective spiral conduits with accessories for different industries and markets: mechanical conduits with accessories for different industries and markets: mechanical and system engineering, the automotive industry, railways, electrical and installations engineering, hazardous areas, lighting industry and more. Ortac products are primarily designed, moulding and produced in the Ortac's own production plants in Istanbul.*

*We currently supply hundreds of standard items from stock. We also develop and produce customer oriented products as based on special requirements.*

*Ortac has more than 50 representative companies in different part of the world, 15 injection machines, 8 cnc and other metal processing machines, tooling R&D and quality department employ over 80 people.*





Firma kurucumuz Mehmet Ortaç  
1980'den bir kare...  
*Mehmet Ortaç who is the founder of  
the company. (1980)*



Enjeksiyon Makineleri  
*Injection Machines*



CNC torna tezgahı  
*CNC Lathe*



Corrugated boru makinesi  
*Corrugated conduit machines*

## Sertifikalarımız *Certificates*



**OK07 F SERİSİ**

*OK07 F SERIE*

**OK10 F SERİSİ**

*OK10 F SERIE*

**OK15 A-B-F SERİSİ**

*OK15 A-B-F SERIE*

**OK18 B SERİSİ**

*OK18 B SERIE*

**OK20 F-Y SERİSİ**

*OK20 F-Y SERIE*

**OK24 A-B-F SERİSİ**

*OK24 A-B-F SERIE*



**PLASTİK HAFİF SERİ**  
*PLASTIC LIGHT SERIE*





**OK07 F SERİSİ**  
*OK07 F SERIE*

**MALZEME ÖZELLİKLERİ**

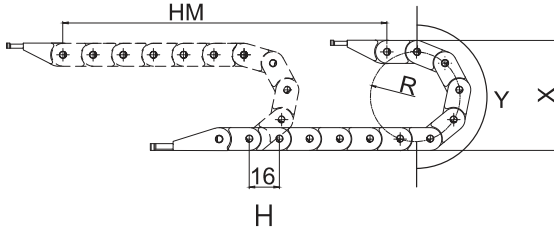
***MATERIAL FEATURES***

PA6 %30 Cam Elyaf  
*PA6 With %30 Fiber Glass*

**HIZ**  
***SPEED***

8 m/sn  
*8 m/sec*

**ÇALIŞMA SICAKLIĞI**  
***OPERATING TEMPERATURE***  
-30°C ~ + 130°C



- L** Kullanılacak Miktar  
Calculation of the Chain Length
- HM** Hareket Mesafesi  
Movement Distance
- X** Montaj Yüksekliği  
Mounting Height
- Y** Radüs Mesafesi  
Radius Distance
- H** Hatve  
Pitch

$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

## Kıvrılma Yarıçapı / Bending Radius

**18**

H (mm)

16

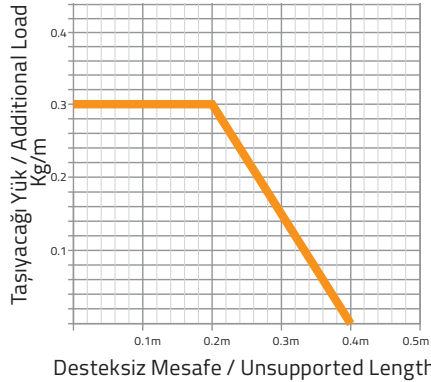
X (mm)

46

Y (mm)

57

## YÜK DİYAGRAMI LOAD DIAGRAM



# OK07 F SERİSİ

## OK07 F SERIE

Örnek Ürün Kodu  
 Product No. Example

**OK07**

İç Yükseklik  
 Inner Height

**F**

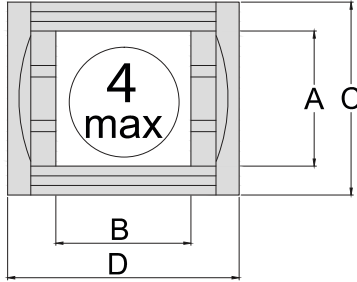
Açık Seri  
 Open Serie

**007**

İç Genişlik  
 Inner Width

**R018**

Kıvrılma Yarıçapı  
 Bending Radius



OK07 F	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK07 F 007 R018	7	7	10	12	18	0,07
OK07 F 016 R018	7	16	10	21	18	0,10

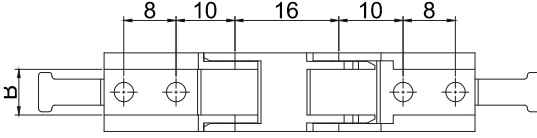


## Plastik Ayak Montaj Ölçüleri

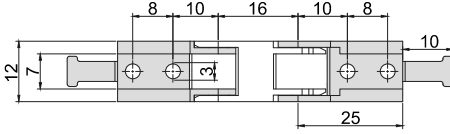
Plastic End Bracket Assembly Dimensions

### OK07 P

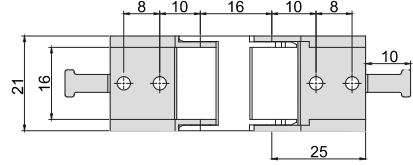
OK07 P



OK07 P07

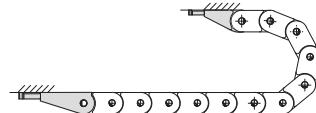
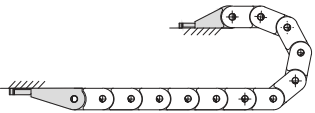
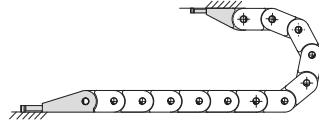
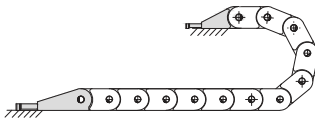


OK07 16



## Plastik Ayak Bağlantı Şekilleri

Plastic End Bracket Assembly







## **OK10 F SERİSİ**

### **OK10 F SERIE**

#### **MALZEME ÖZELLİKLERİ**

##### ***MATERIAL FEATURES***

PA6 %30 Cam Elyaf  
*PA6 With %30 Fiber Glass*

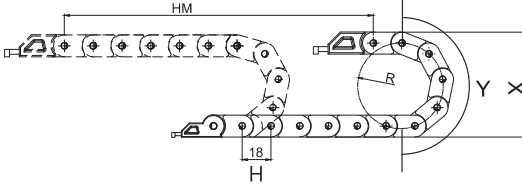
#### **HIZ**

##### ***SPEED***

8 m/sn  
*8 m/sec*

#### **ÇALIŞMA SICAKLIĞI**

***OPERATING TEMPERATURE***  
-30°C ~ + 130°C



- L** Kullanılacak Miktar  
*Calculation of the Chain Length*
- HM** Hareket Mesafesi  
*Movement Distance*
- X** Montaj Yüksekliği  
*Mounting Height*
- Y** Radyüs Mesafesi  
*Radius Distance*
- H** Hatve  
*Pitch*

$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

## Kıvrılma Yarıçapı / Bending Radius

**18**

H (mm)

18

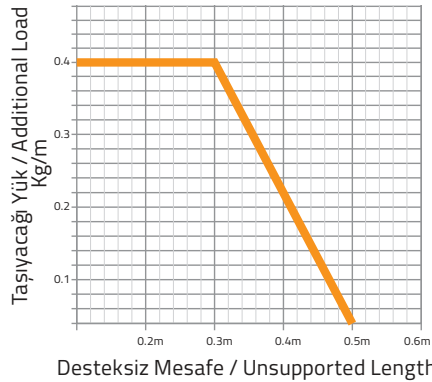
X (mm)

50

Y (mm)

57

## YÜK DİYAGRAMI LOAD DIAGRAM



# OK10 F SERİSİ

## OK10 F SERIE

Örnek Ürün Kodu  
 Product No. Example

**OK10**

İç Yükseklik  
 Inner Height

**F**

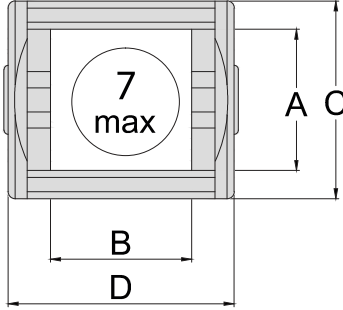
Açık Seri  
 Open Serie

**010**

İç Genişlik  
 Inner Width

**R018**

Kıvrılma Yarıçapı  
 Bending Radius



OK10 F	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK10 F 010 R018	10	10	14	16	18	0,123
OK10 F 020 R018	10	20	14	26	18	0,154
OK10 F 030 R018	10	30	14	36	18	0,183

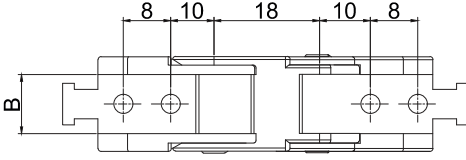


## Plastik Ayak Montaj Ölçüleri

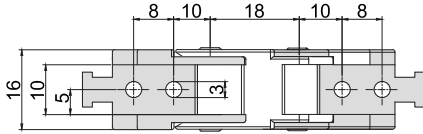
Plastic End Bracket Assembly Dimensions

### OK10 P

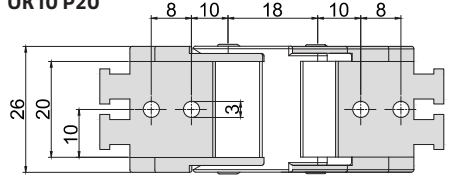
OK10 P



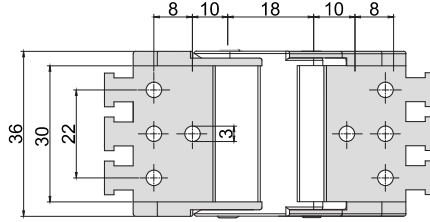
OK10 P10



OK10 P20

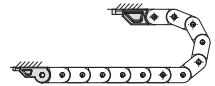
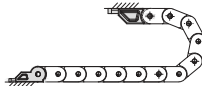
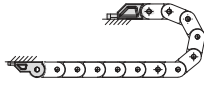
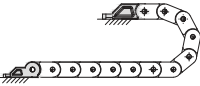


OK10 P30



## Plastik Ayak Bağlantı Şekilleri

Plastic End Bracket Assembly





**OK15 A SERİSİ**  
*OK15 A SERIE*

**OK15 B SERİSİ**  
*OK15 B SERIE*

**OK15 F SERİSİ**  
*OK15 F SERIE*

**MALZEME ÖZELLİKLERİ**

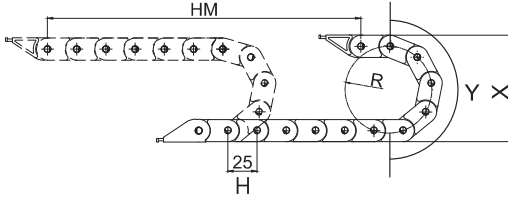
***MATERIAL FEATURES***

PA6 %30 Cam Elyaf  
*PA6 With %30 Fiber Glass*

**HIZ**  
***SPEED***

9 m/sn  
*9 m/sec*

**ÇALIŞMA SICAKLIĞI**  
***OPERATING TEMPERATURE***  
-30°C ~ + 130°C



- L** Kullanılacak Miktar  
Calculation of the Chain Length
- HM** Hareket Mesafesi  
Movement Distance
- X** Montaj Yüksekliği  
Mounting Height
- Y** Radüs Mesafesi  
Radius Distance
- H** Hatve  
Pitch

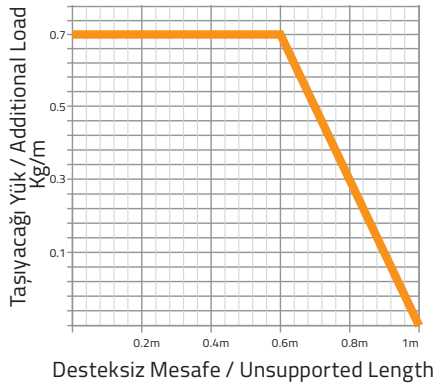
$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Kıvrılma Yarıçapı / Bending Radius	25	35
H (mm)	25	25
X (mm)	70	90
Y (mm)	78,5	110

## YÜK DİYAGRAMI LOAD DIAGRAM



# OK15 A SERİSİ

## OK15 A SERİ

**İçten Açılabilir Seri**  
*Openable From Inner Side*

Örnek Ürün Kodu  
 Product No. Example

**OK15**

İç Yükseklik  
 Inner Height

**A**

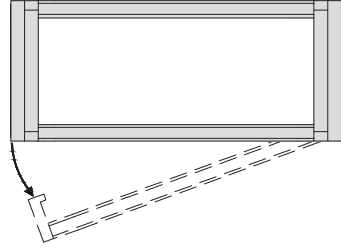
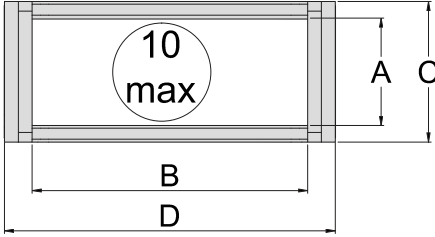
Açık Seri  
 Open Serie

**015**

İç Genişlik  
 Inner Width

**R025**

Kıvrılma Yarıçapı  
 Bending Radius



OK15 A	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK15 A 015 R ...	15	15	20	23	25 - 35	0,266
OK15 A 020 R ...	15	20	20	28	25-35	0,282
OK15 A 030 R ...	15	30	20	38	25-35	0,310
OK15 A 040 R ...	15	40	20	48	25-35	0,336





## OK15 B SERİSİ

### OK15 B SERİ

**Dıştan Açılabilir Seri**  
*Openable From Outside*

Örnek Ürün Kodu  
Product No. Example

## OK15

İç Yükseklik  
Inner Height

## B

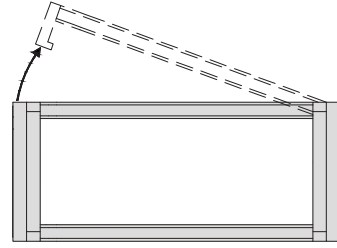
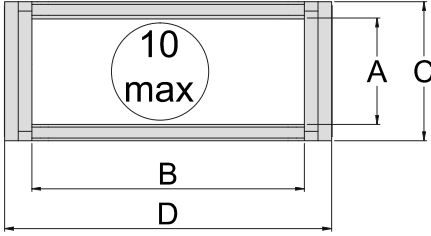
Açık Seri  
Open Serie

## 015

İç Genişlik  
Inner Width

## R025

Kıvrılma Yarıçapı  
Bending Radius



OK15 B	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK15 B 015 R ...	15	15	20	23	25 - 35	0,266
OK15 B 020 R ...	15	20	20	28	25-35	0,282
OK15 B 030 R ...	15	30	20	38	25-35	0,310
OK15 B 040 R ...	15	40	20	48	25-35	0,336



# OK15 F SERİSİ

## OK15 F SERI

**Sabit Çıta**  
*Fixed Frame*

Örnek Ürün Kodu  
 Product No. Example

**OK15**

İç Yükseklik  
*Inner Height*

**F**

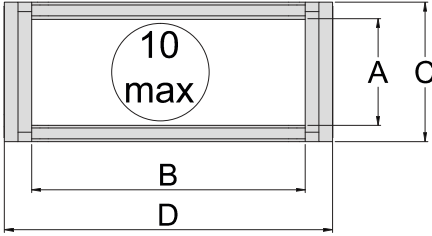
Açık Seri  
*Open Serie*

**015**

İç Genişlik  
*Inner Width*

**R025**

Kıvrılma Yarıçapı  
*Bending Radius*



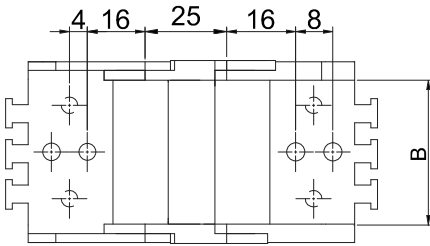
OK15 F	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK15 F 015 R ...	15	15	20	23	25 - 35	0,266
OK15 F 020 R ...	15	20	20	28	25-35	0,282
OK15 F 030 R ...	15	30	20	38	25-35	0,310
OK15 F 040 R ...	15	40	20	48	25-35	0,336



## Plastik Ayak Montaj Ölçüleri Plastic End Bracket Assembly Dimensions

## OK15 P

OK15 P



OK15 A



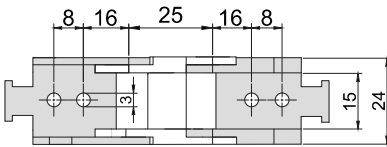
OK15 B



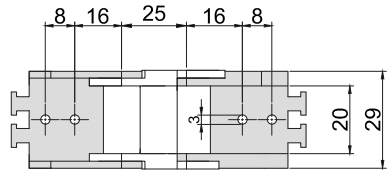
OK15 F



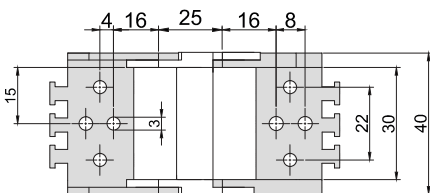
OK15 P15



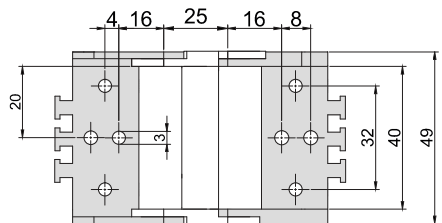
OK15 P20



OK15 P30

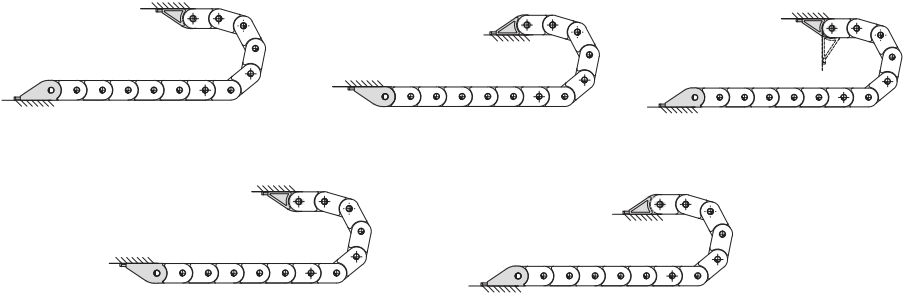


OK15 P40

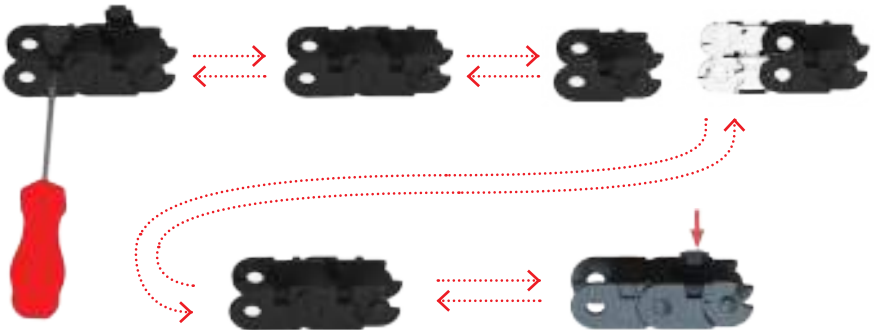


## Plastik Ayak Bağlantı Şekilleri Plastic End Bracket Assembly

**OK15 P**



## Montaj-Demontaj Uygulaması Assembly-Disassembly Application



**OK15**





## **OK18 B SERİSİ** *OK18 B SERIE*

### **MALZEME ÖZELLİKLERİ**

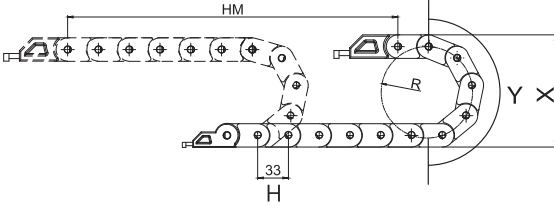
#### ***MATERIAL FEATURES***

PA6 %30 Cam Elyaf  
*PA6 With %30 Fiber Glass*

#### **HIZ** ***SPEED***

9 m/sn  
*9 m/sec*

**ÇALIŞMA SICAKLIĞI**  
***OPERATING TEMPERATURE***  
-30°C ~ + 130°C



- L** Kullanılacak Miktar  
*Calculation of the Chain Length*
- HM** Hareket Mesafesi  
*Movement Distance*
- X** Montaj Yüksekliği  
*Mounting Height*
- Y** Radyüs Mesafesi  
*Radius Distance*
- H** Hatve  
*Pitch*

$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

## Kıvrılma Yarıçapı / Bending Radius

**38**

H (mm)

33

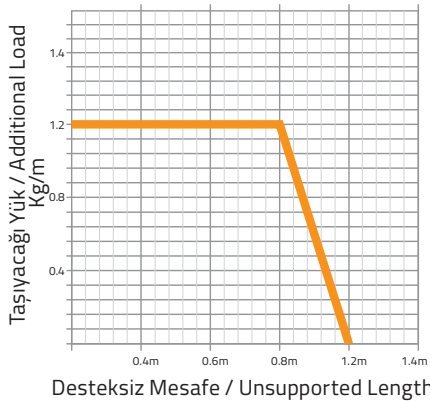
X (mm)

100

Y (mm)

120

## YÜK DİYAGRAMI LOAD DIAGRAM





# OK18 B SERİSİ

## OK18 B SERIE

**Dıştan Açılabilir Seri**  
*Openable From Outside*

Örnek Ürün Kodu  
 Product No. Example

**OK18**

İç Yükseklik  
 Inner Height

**B**

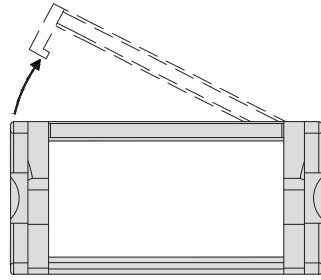
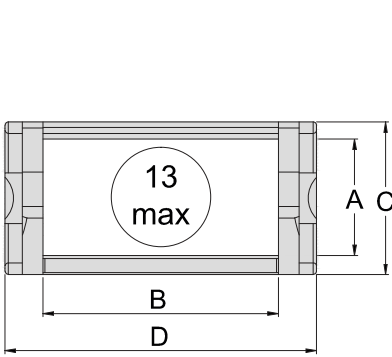
Açık Seri  
 Open Serie

**037**

İç Genişlik  
 Inner Width

**R038**

Kıvrılma Yarıçapı  
 Bending Radius



OK18 B	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK18 B 037 R 038	18	37	24	49	38	0,435

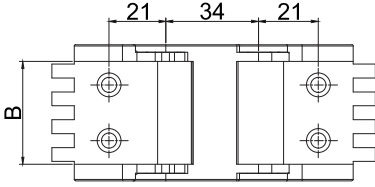


## Plastik Ayak Montaj Ölçüleri

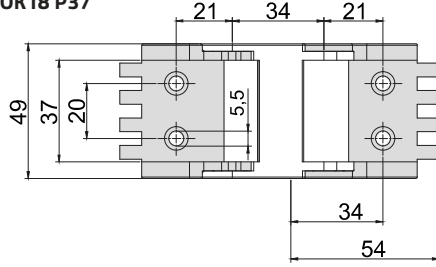
Plastic End Bracket Assembly Dimensions

## OK18 P

OK18 P

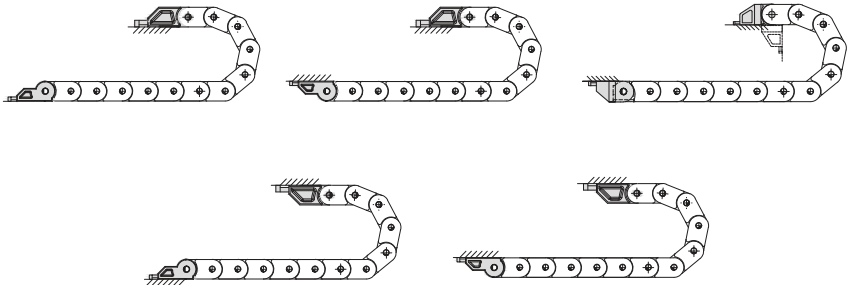


OK18 P37



## Plastik Ayak Bağlantı Şekilleri

Plastic End Bracket Assembly





**OK20 F SERİSİ**  
*OK20 F SERIE*

**OK20 Y SERİSİ**  
*OK20 Y SERIE*

**MALZEME ÖZELLİKLERİ**

***MATERIAL FEATURES***

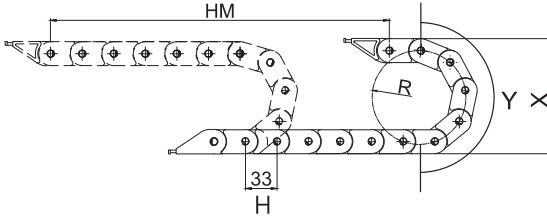
PA6 %30 Cam Elyaf  
*PA6 With %30 Fiber Glass*

**HIZ**  
***SPEED***

9 m/sn  
*9 m/sec*

**ÇALIŞMA SICAKLIĞI**  
***OPERATING TEMPERATURE***

-30°C ~ + 130°C



- L** Kullanılacak Miktar  
*Calculation of the Chain Length*
- HM** Hareket Mesafesi  
*Movement Distance*
- X** Montaj Yüksekliği  
*Mounting Height*
- Y** Radyüs Mesafesi  
*Radius Distance*
- H** Hatve  
*Pitch*

$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

## Kıvrılma Yarıçapı / Bending Radius

**40**

H (mm)

33

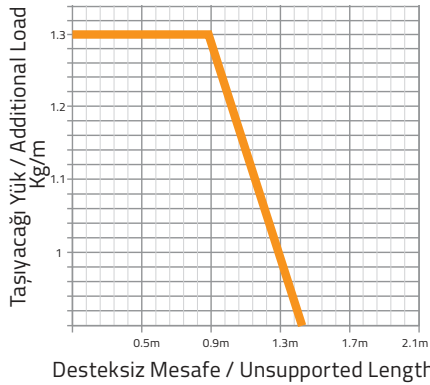
X (mm)

106

Y (mm)

126

## YÜK DİYAGRAMI LOAD DIAGRAM



# OK20 F SERİSİ

## OK20 F SERIE

**Sabit Çıta**  
*Fixed Frame*

Örnek Ürün Kodu  
 Product No. Example

**OK20**

İç Yükseklik  
 Inner Height

**F**

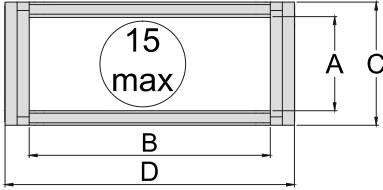
Açık Seri  
 Open Serie

**025**

İç Genişlik  
 Inner Width

**R040**

Kıvrılma Yarıçapı  
 Bending Radius



OK20 F	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK20 F 025 R 040	20	25	26	37	40	0,425



## OK20 Y SERİSİ

### OK20 Y SERIE

İçten Açılabilir Seri  
Openable From Inner Side

Örnek Ürün Kodu  
Product No. Example

## OK20

İç Yükseklik  
Inner Height

## Y

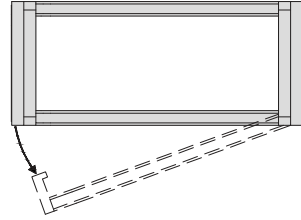
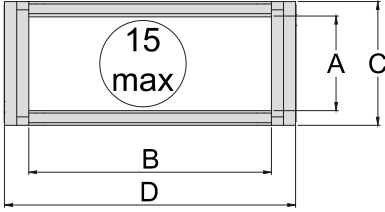
Yarı Açık Seri  
Half Covered Serie

## 040

İç Genişlik  
Inner Width

## R040

Kıvrılma Yarıçapı  
Bending Radius



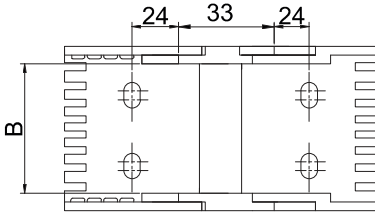
OK20 Y	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK20 Y 025 R 040	20	25	26	37	40	0,470
OK20 Y 040 R 040	20	40	26	52	40	0,543
OK20 Y 050 R 040	20	50	26	62	40	0,600
OK20 Y 060 R 040	20	60	26	72	40	0,634



**Plastik Ayak Montaj Ölçüleri**  
*Plastic End Bracket Assembly Dimensions*

**OK20 P**

**OK20 P**



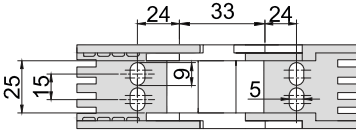
**OK20 F**



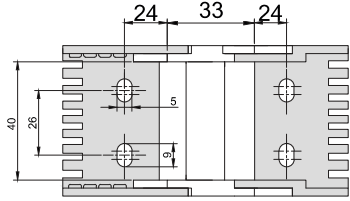
**OK20 Y**



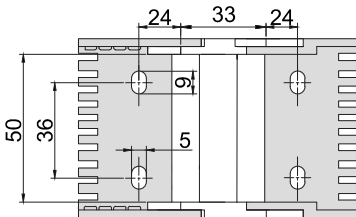
**OK20 P25**



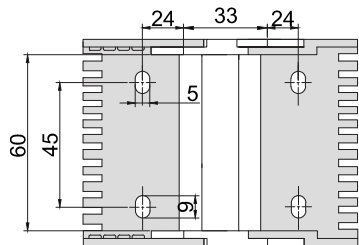
**OK20 P40**



**OK20 P50**



**OK20 P60**

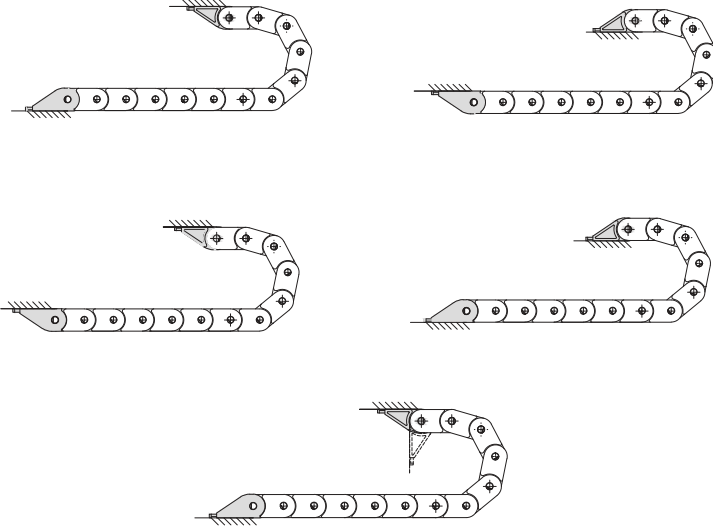




## Plastik Ayak Bağlantı Şekilleri

*Plastic End Bracket Assembly*

### OK20 P



## Montaj-Demontaj Uygulaması

*Assembly-Disassembly Application*





**OK24 A SERİSİ**  
*OK24 A SERIE*

**OK24 B SERİSİ**  
*OK24 B SERIE*

**OK24 F SERİSİ**  
*OK24 F SERIE*

**MALZEME ÖZELLİKLERİ**

***MATERIAL FEATURES***

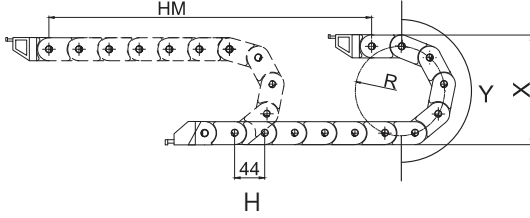
PA6 %30 Cam Elyaf  
*PA6 With %30 Fiber Glass*

**HIZ**  
***SPEED***

9 m/sn  
*9 m/sec*

**ÇALIŞMA SICAKLIĞI**  
***OPERATING TEMPERATURE***

-30°C ~ + 130°C



- L** Kullanılacak Miktar  
*Calculation of the Chain Length*
- HM** Hareket Mesafesi  
*Movement Distance*
- X** Montaj Yüksekliği  
*Mounting Height*
- Y** Radyüs Mesafesi  
*Radius Distance*
- H** Hatve  
*Pitch*

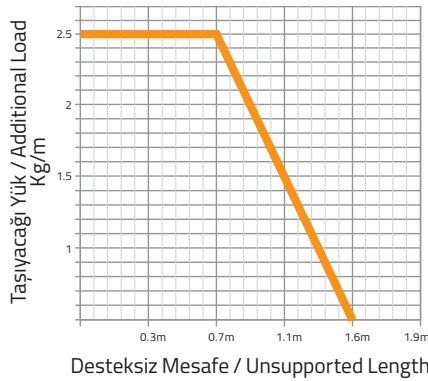
$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Kıvrılma Yarıçapı / <i>Bending Radius</i>	40	75	100	125
H (mm)	44	44	44	44
X (mm)	112	182	232	282
Y (mm)	126	236	314	393

## YÜK DİYAGRAMI LOAD DIAGRAM



# OK24 A SERİSİ

## OK24A SERİ

**İçten Açılabilir Seri**  
Openable From Innerside

Örnek Ürün Kodu  
Product No. Example

**OK24**

İç Yükseklik  
Inner Height

**A**

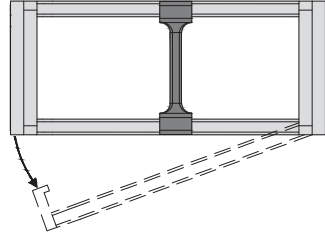
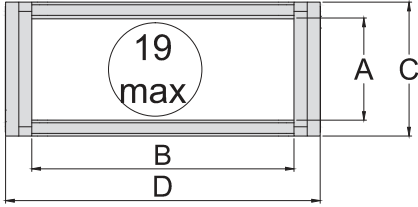
Açık Seri  
Open Serie

**025**

İç Genişlik  
Inner Width

**R040**

Kıvrılma Yarıçapı  
Bending Radius



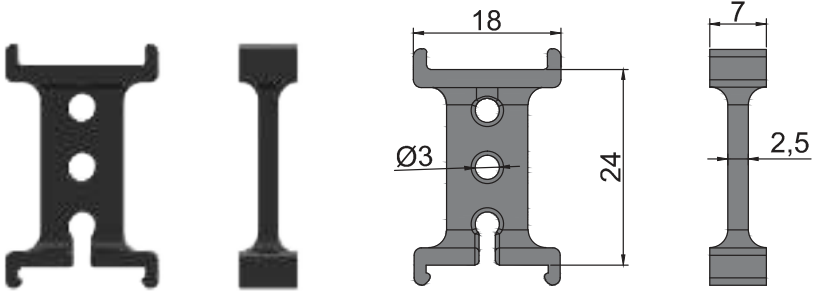
OK24 A	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK24 A 025 R ...	24	25	32	39	40, 75, 100, 125	0,582
OK24 A 040 R ...	24	40	32	54		0,621
OK24 A 050 R ...	24	50	32	64		0,658
OK24 A 060 R ...	24	60	32	74		0,668



## Plastik Dikey Seperator Ölçüleri

*Plastic Vertical Seperator Dimensions*

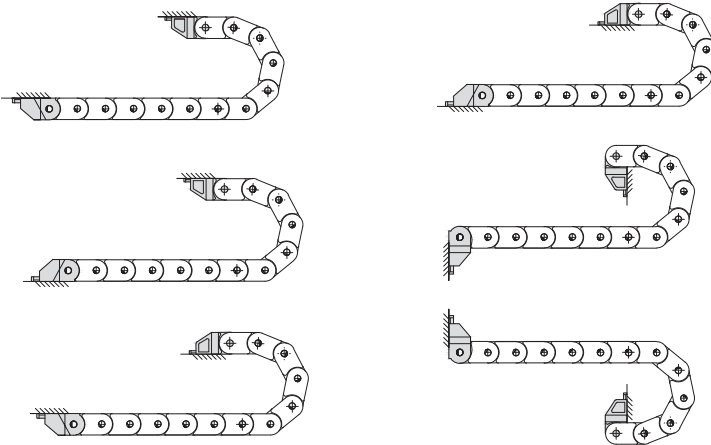
### OK24 SP



## Plastik Ayak Bağlantı Şekilleri

*Plastic End Bracket Assembly*

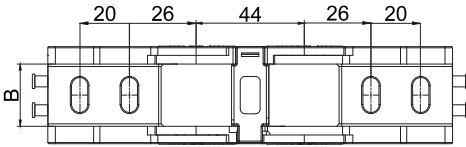
### OK24 P



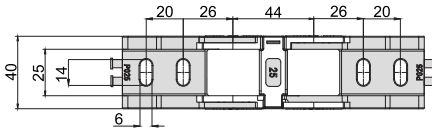
## Plastik Ayak Montaj Ölçüleri

Plastic End Bracket Assembly Dimensions

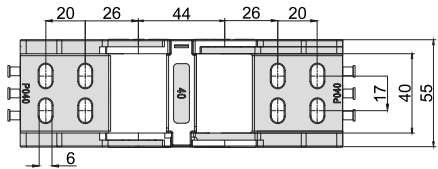
# OK24 P



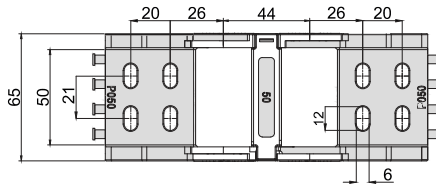
### OK24 P025



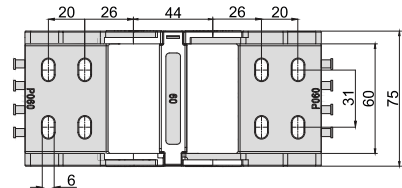
### OK24 P040

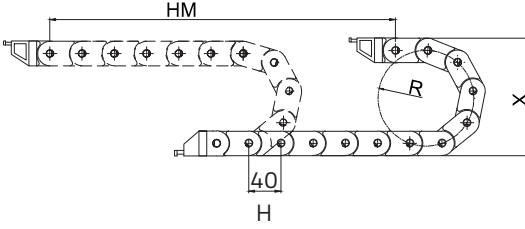


### OK24 P050



### OK24 P060





- L** Kullanılacak Miktar  
*Calculation of the Chain Length*
- HM** Hareket Mesafesi  
*Movement Distance*
- X** Montaj Yüksekliği  
*Mounting Height*
- Y** Radyus Mesafesi  
*Radius Distance*
- H** Hatve  
*Pitch*

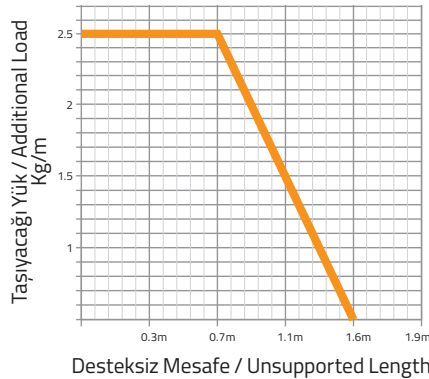
$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Kıvrılma Yarıçapı / <i>Bending Radius</i>	40	75	100
H (mm)	40	40	40
X (mm)	110	180	230
Y (mm)	126	236	314

## YÜK DİYAGRAMI LOAD DIAGRAM



# OK24 B SERİSİ

## OK24 B SERİ

**Dıştan Açılabilir Seri**  
Openable From Outside

Örnek Ürün Kodu  
Product No. Example

**OK24**

İç Yükseklik  
Inner Height

**B**

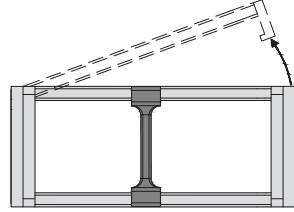
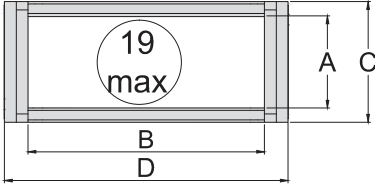
Açık Seri  
Open Serie

**040**

İç Genişlik  
Inner Width

**R075**

Kıvrılma Yarıçapı  
Bending Radius



OK24 B	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK24 B 025 R ...	24	25	30	37	40, 75, 100	0,495
OK24 B 040 R ...	24	40	30	52		0,545
OK24 B 048 R ...	24	48	30	60		0,573
OK24 B 060 R ...	24	60	30	72		0,627
OK24 B 080 R ...	24	80	30	92		0,711





## OK24 F SERİSİ

### OK24 F SERİ

Sabit Çıta  
Fixed Frame

Örnek Ürün Kodu  
Product No. Example

## OK24

İç Yükseklik  
Inner Height

## F

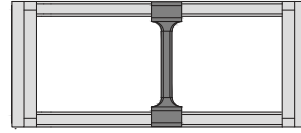
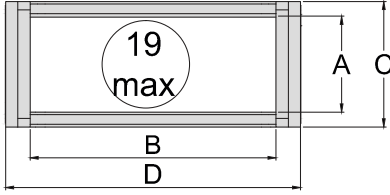
Açık Seri  
Open Serie

## 050

İç Genişlik  
Inner Width

## R075

Kıvrılma Yarıçapı  
Bending Radius



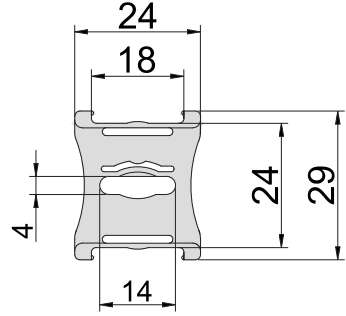
OK24 F	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK24 F 018 R ...	24	18	30	30	40, 75, 100	0,465
OK24 F 025 R ...	24	25	30	37		0,495
OK24 F 040 R ...	24	40	30	52		0,545
OK24 F 048 R ...	24	48	30	60		0,573
OK24 F 060 R ...	24	60	30	72		0,627
OK24 F 080 R ...	24	80	30	92		0,711



## Plastik Dikey Seperatör Ölçüleri

*Plastic Vertical Seperator Dimensions*

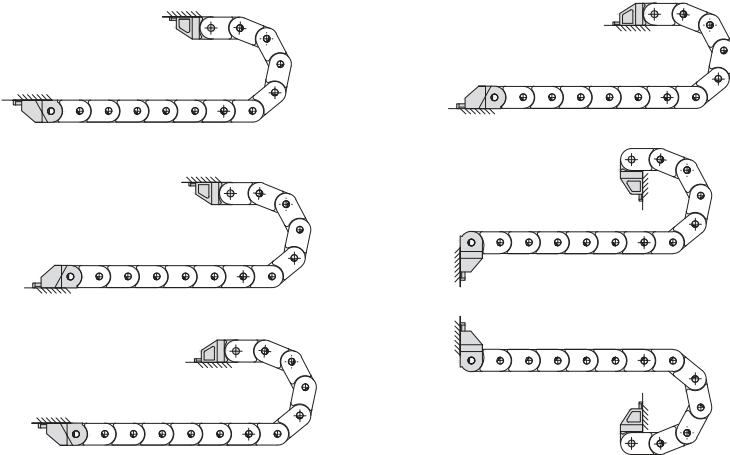
**OK24 SP**



## Plastik Ayak Bağlantı Şekilleri

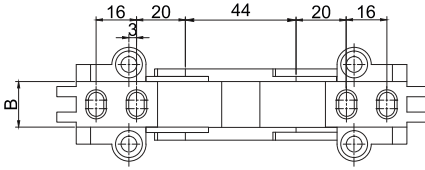
*Plastic End Bracket Assembly*

**OK24 P**

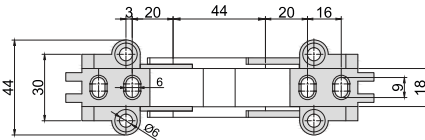


## Plastik Ayak Montaj Ölçüleri Plastic End Bracket Assembly Dimensions

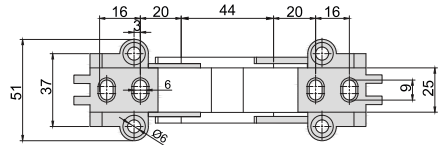
## OK24 P



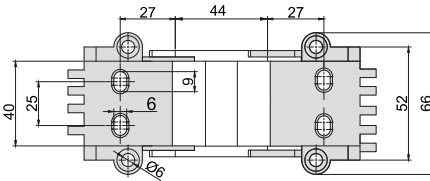
### OK24 P018



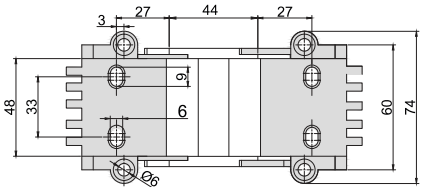
### OK24 P025



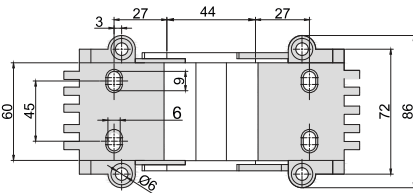
### OK24 P040



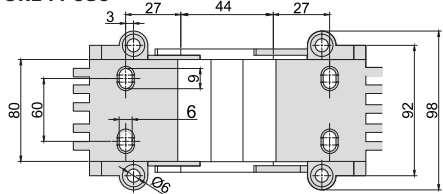
### OK24 P048



### OK24 P060



### OK24 P080





**OK25 A SERİSİ**

*OK25 A SERİE*

**OK30 A SERİSİ**

*OK30 A SERİE*

**OK35 A-K-Y SERİSİ**

*OK35 A-K-Y SERİE*

**OK42 A-K-Y SERİSİ**

*OK42 A-K-Y SERİE*



**PLASTİK ORTA SERİ**  
*PLASTIC MEDIUM SERIE*





**OK25 A SERİSİ**  
*OK25 A SERIE*

**MALZEME ÖZELLİKLERİ**

***MATERIAL FEATURES***

PA6 %30 Cam Elyaf  
*PA6 With %30 Fiber Glass*

**HIZ**

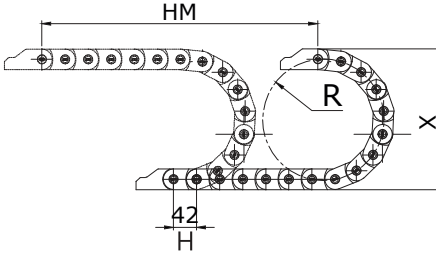
***SPEED***

7 m/sn  
*7 m/sec*

**ÇALIŞMA SICAKLIĞI**

***OPERATING TEMPERATURE***

-30°C ~ + 130°C



- L** Kullanılacak Miktar  
Calculation of the Chain Length
- HM** Hareket Mesafesi  
Movement Distance
- X** Montaj Yüksekliği  
Mounting Height
- Y** Radyüs Mesafesi  
Radius Distance
- H** Hatve  
Pitch

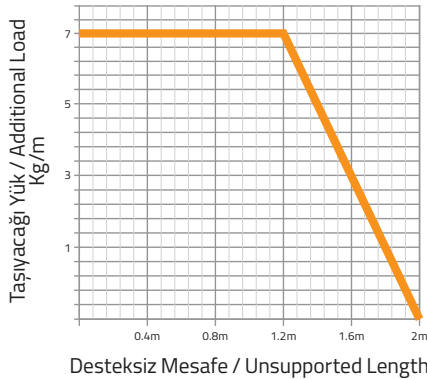
$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Kıvrılma Yarıçapı / Bending Radius	40	75	100	125
H (mm)	42	42	42	42
X (mm)	122	192	242	292
Y (mm)	126	236	314	393

## YÜK DİYAGRAMI LOAD DIAGRAM



# OK25 A SERİSİ

İçten ve Dıştan Açılabilir Seri  
Openable From Inner and Outside

## OK25 A SERIE

Örnek Ürün Kodu  
Product No. Example

### OK25

İç Yükseklik  
Inner Height

### A

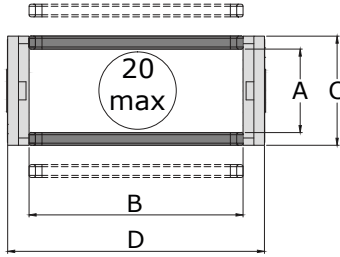
Açık Seri  
Open Serie

### 050

İç Genişlik  
Inner Width

### R075

Kıvrılma Yarıçapı  
Bending Radius



OK25 A	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK25 A 040 R ...	25	40	42	62	40, 75, 100, 125	1,044
OK25 A 050 R ...		50		72		1,092
OK25 A 060 R ...		60		82		1,140
OK25 A 080 R ...		80		102		1,236
OK25 A 100 R ...		100		122		1,332

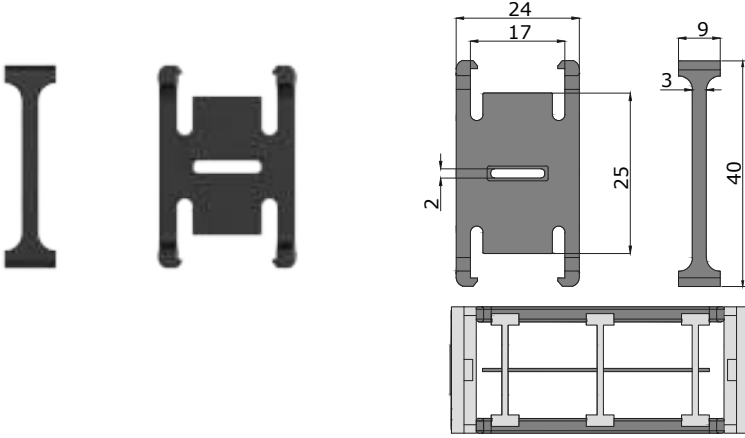




## Plastik Dikey Separatör Ölçüleri

*Plastic Vertical Separator Dimensions*

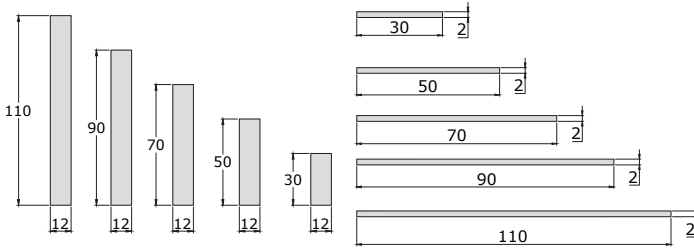
### OK25 SP



## Plastik Yatay Separatör Ölçüleri

*Plastic Horizontal Separator Dimensions*

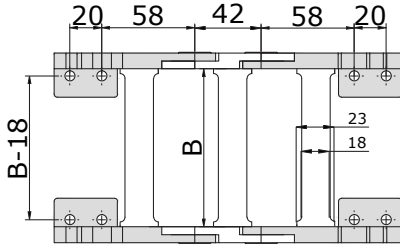
### OK25 YSP



## Plastik Ayak Montaj Ölçüleri

*Plastic End Bracket Assembly Dimensions*

**OK25 P**

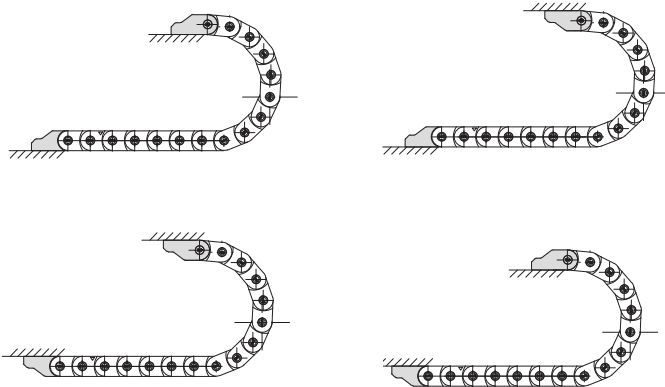


'B' ölçüsünü ölçü tablosundan bulabilirsiniz.  
 You will find the 'B' dimension from model table.



## Plastik Ayak Bağlantı Şekilleri

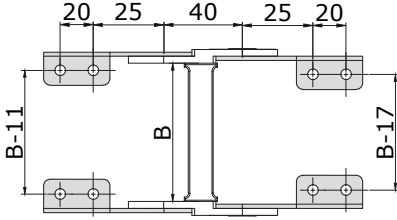
*Plastic End Bracket Assembly*



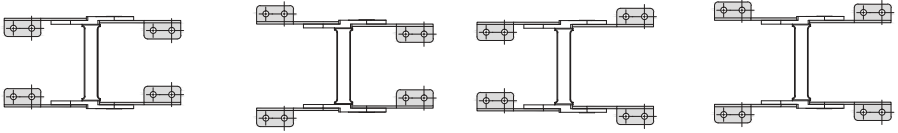
## Metal Ayak Montaj Ölçüleri

Steel End Bracket Assembly Dimensions

### OK25 M

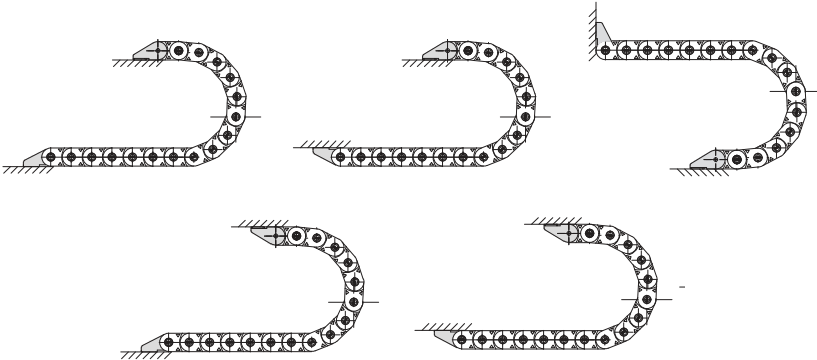


'B' ölçüsünü ölçü tablosundan bulabilirsiniz.  
You will find the 'B' dimension from model table.



## Metal Ayak Bağlantı Şekilleri

Steel End Bracket Assembly





**OK30 A SERİSİ**  
*OK30 A SERIE*

**MALZEME ÖZELLİKLERİ**

***MATERIAL FEATURES***

PA6 %30 Cam Elyaf  
*PA6 With %30 Fiber Glass*

**HIZ**

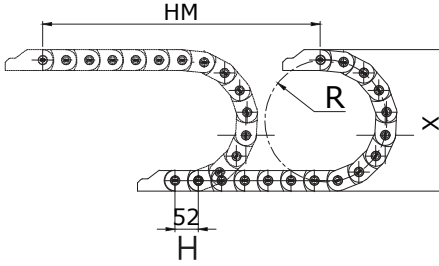
***SPEED***

7 m/sn  
*7 m/sec*

**ÇALIŞMA SICAKLIĞI**

***OPERATING TEMPERATURE***

-30°C ~ + 130°C



- L** Kullanılacak Miktar  
*Calculation of the Chain Length*
- HM** Hareket Mesafesi  
*Movement Distance*
- X** Montaj Yüksekliği  
*Mounting Height*
- Y** Radyüs Mesafesi  
*Radius Distance*
- H** Hatve  
*Pitch*

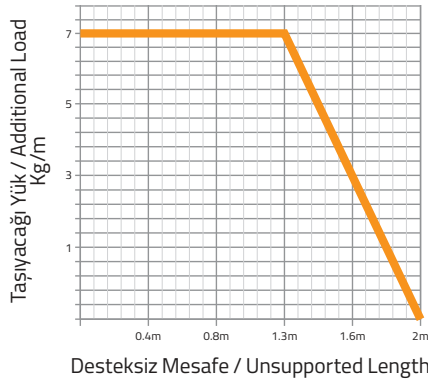
$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Kıvrılma Yarıçapı / <i>Bending Radius</i>	50	75	100	150
H (mm)	52	52	52	52
X (mm)	147	197	247	347
Y (mm)	157	236	314	471

## YÜK DİYAGRAMI LOAD DIAGRAM



# OK30 A SERİSİ

İçten ve Dıştan Açılabilir Seri  
 Openable From Inner and Outside

## OK30 A SERIE

Örnek Ürün Kodu  
 Product No. Example

**OK30**

İç Yükseklik  
 Inner Height

**A**

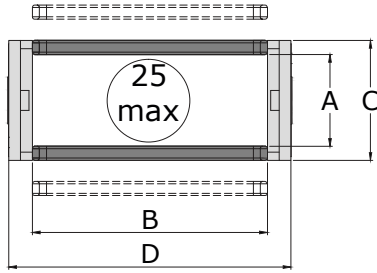
Açık Seri  
 Open Serie

**060**

İç Genişlik  
 Inner Width

**R100**

Kıvrılma Yarıçapı  
 Bending Radius



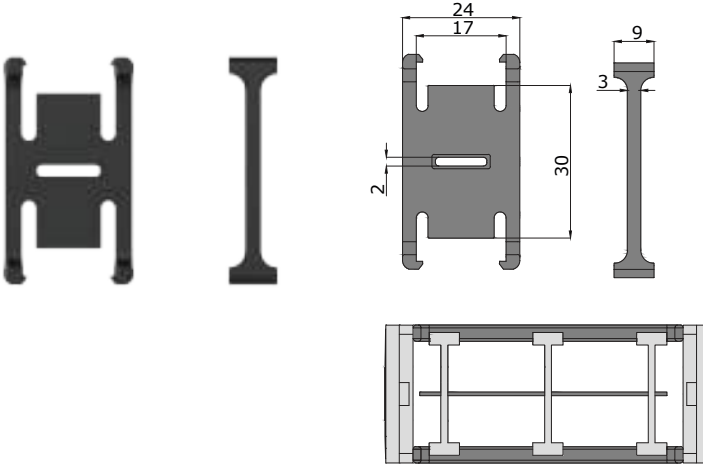
OK30 A	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK30 A 040 R ...	30	40	47	62	50, 75, 100, 150	1,152
OK30 A 050 R ...		50		72		1,190
OK30 A 060 R ...		60		82		1,228
OK30 A 080 R ...		80		102		1,304
OK30 A 100 R ...		100		122		1,380



## Plastik Dikey Seperatör Ölçüleri

*Plastic Vertical Seperator Dimensions*

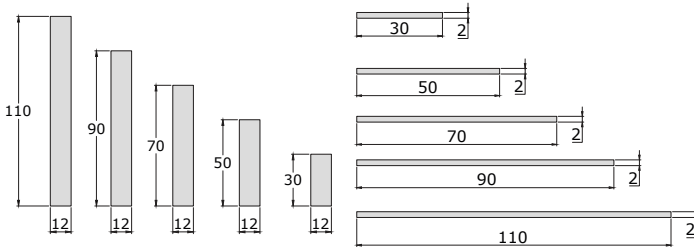
### OK30 SP



## Plastik Yatay Seperatör Ölçüleri

*Plastic Horizontal Seperator Dimensions*

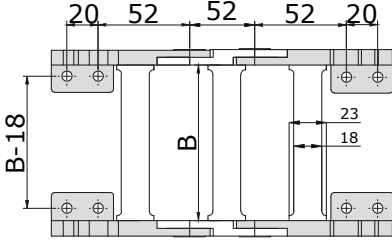
### OK30 YSP



## Plastik Ayak Montaj Ölçüleri

*Plastic End Bracket Assembly Dimensions*

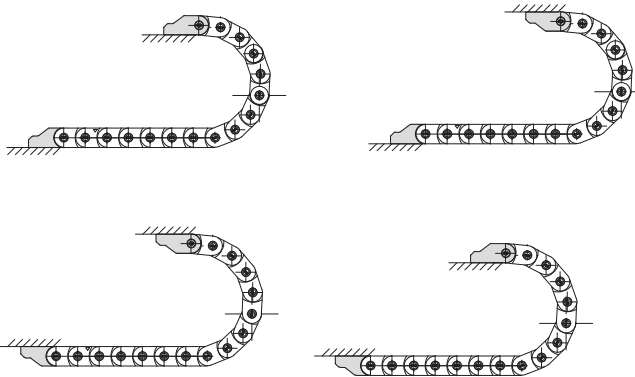
**OK30 P**



'B' ölçüsünü ölçü tablosundan bulabilirsiniz.  
 You will find the 'B' dimension from model table.

## Plastik Ayak Bağlantı Şekilleri

*Plastic End Bracket Assembly*

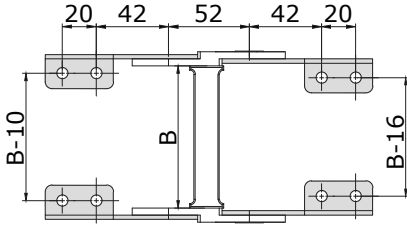




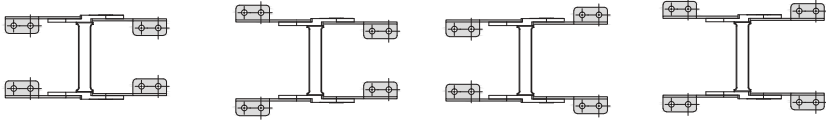
## Metal Ayak Montaj Ölçüleri

Steel End Bracket Assembly Dimensions

### OK30 M

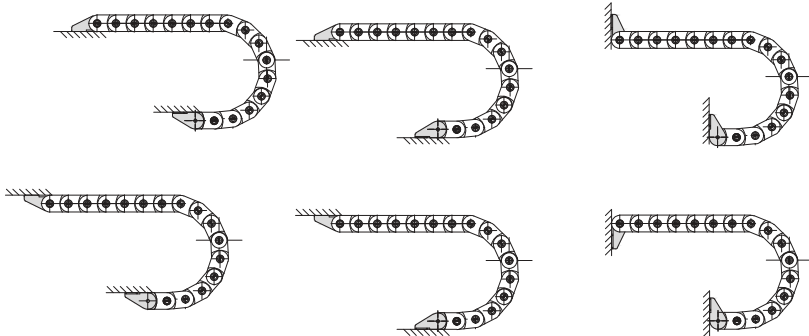


'B' ölçüsünü ölçü tablosundan bulabilirsiniz.  
You will find the 'B' dimension from model table.



## Metal Ayak Bağlantı Şekilleri

Steel End Bracket Assembly





**OK35 A SERİSİ**  
*OK35 A SERIE*

**OK35 K SERİSİ**  
*OK35 K SERIE*

**OK35 Y SERİSİ**  
*OK35 Y SERIE*

**MALZEME ÖZELLİKLERİ**

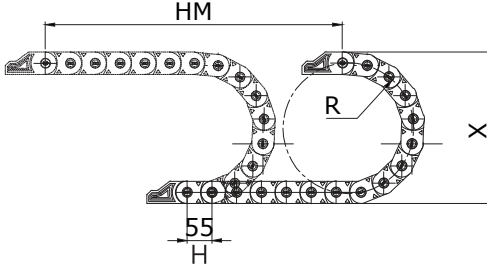
***MATERIAL FEATURES***

PA6 %30 Cam Elyaf  
*PA6 With %30 Fiber Glass*

**HIZ**  
***SPEED***

7 m/sn  
*7 m/sec*

**ÇALIŞMA SICAKLIĞI**  
***OPERATING TEMPERATURE***  
-30°C ~ + 130°C



- L** Kullanılacak Miktar  
Calculation of the Chain Length
- HM** Hareket Mesafesi  
Movement Distance
- X** Montaj Yüksekliği  
Mounting Height
- Y** Radyüs Mesafesi  
Radius Distance
- H** Hatve  
Pitch

$$L = HM / 2 + Y$$

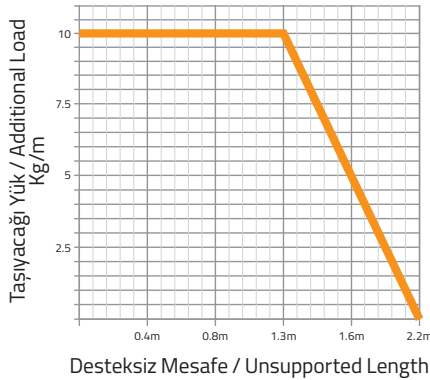
$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Kıvrılma Yarıçapı / Bending Radius	50	75	100	150
H (mm)	55	55	55	55
X (mm)	152	202	252	352
Y (mm)	157	236	314	471

\* Kapalı ve Yarı Açık serilerin radiusleri 75'ten başlamaktadır /  
The Closed Cover and Half Covered type product radius is started from R75

## YÜK DİYAGRAMI LOAD DIAGRAM



# OK35 A SERİSİ

İçten ve Dıştan Açılabilir Seri  
 Openable From Inner and Outside

## OK35 A SERIE

Örnek Ürün Kodu  
 Product No. Example

**OK35**

İç Yükseklik  
 Inner Height

**A**

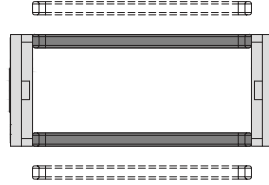
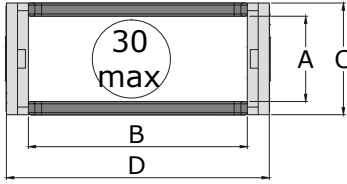
Açık Seri  
 Open Serie

**060**

İç Genişlik  
 Inner Width

**R100**

Kıvrılma Yarıçapı  
 Bending Radius



OK35 A	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK35 A 040 R ...	35	40	52	64	50, 75, 100, 150	1,296
OK35 A 050 R ...		50		74		1,332
OK35 A 060 R ...		60		84		1,368
OK35 A 080 R ...		80		104		1,440
OK35 A 100 R ...		100		124		1,512
OK35 A 120 R ...		120		144		1,584
OK35 A 125 R ...		125		149		1,620
OK35 A 175 R ...		175		199		1,800



## OK35 K SERİSİ İçten ve Dıştan Açılabilir Seri Openable From Inner and Outside OK35 K SERIE

Örnek Ürün Kodu  
 Product No. Example

### OK35

İç Yükseklik  
 Inner Height

### K

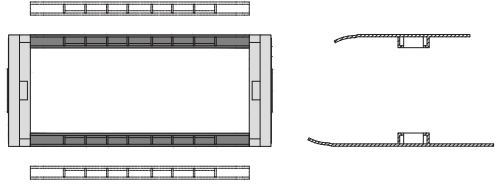
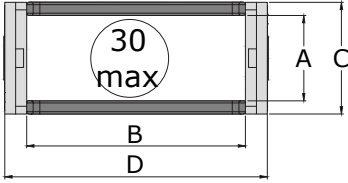
Kapalı Seri  
 Closed Serie

### 060

İç Genişlik  
 Inner Width

### R100

Kıvrılma Yarıçapı  
 Bending Radius



OK35 K	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK35 K 040 R ...	35	40	52	64	75, 100, 150	1,494
OK35 K 060 R ...		60		84		1,656
OK35 K 080 R ...		80		104		1,836
OK35 K 100 R ...		100		124	100, 150	1,998
OK35 K 125 R ...		125		149		2,178



# OK35 Y SERİSİ

İçten ve Dıştan Açılabilir Seri  
Openable From Inner and Outside

## OK35 Y SERIE

Örnek Ürün Kodu  
Product No. Example

### OK35

İç Yükseklik  
Inner Height

### Y

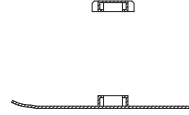
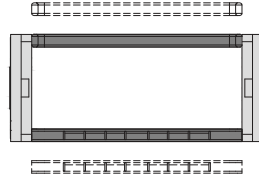
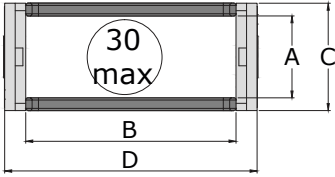
Yarı Açık Seri  
Half Covered Serie

### 060

İç Genişlik  
Inner Width

### R100

Kıvrılma Yarıçapı  
Bending Radius



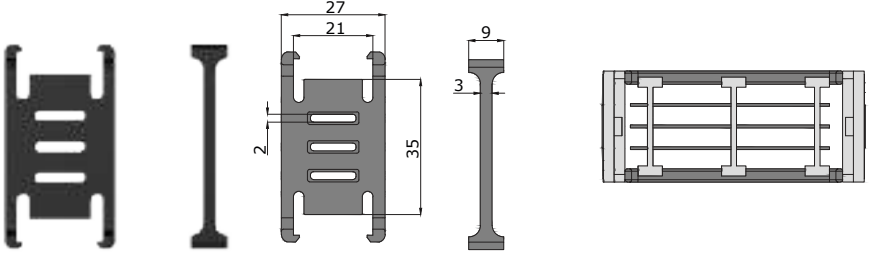
OK35 Y	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK35 Y 040 R ...	35	40	52	64	75, 100, 150	1,404
OK35 Y 060 R ...		60		84		1,530
OK35 Y 080 R ...		80		104		1,656
OK35 Y 100 R ...		100		124	100, 150	1,782
OK35 Y 125 R ...		125		149	1,926	



## Açık Seri Plastik Dikey Separatör Ölçüleri

*Open Type Plastic Vertical Separator Dimensions*

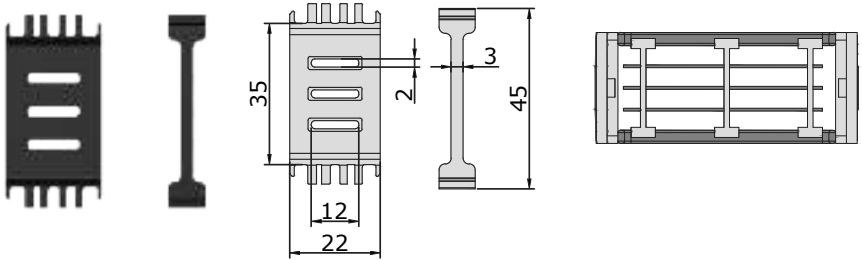
### OK35 SP



## Kapalı Seri Plastik Dikey Separatör Ölçüleri

*Closed Type Plastic Vertical Separator Dimensions*

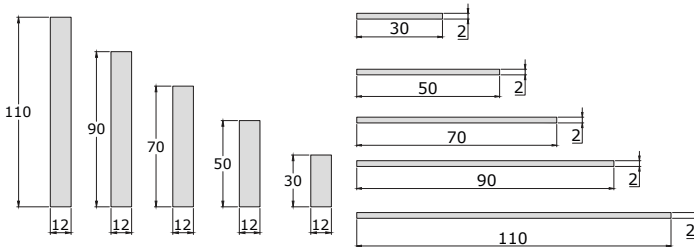
### OK35 KSP



## Plastik Yatay Separatör Ölçüleri

*Plastic Horizontal Separator Dimensions*

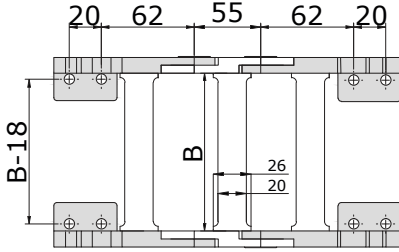
### OK35 YSP



## Plastik Ayak Montaj Ölçüleri

*Plastic End Bracket Assembly Dimensions*

## OK35 P



'B' ölçüsünü ölçü tablosundan bulabilirsiniz.  
 You will find the 'B' dimension from model table.

OK35 A



OK35 K

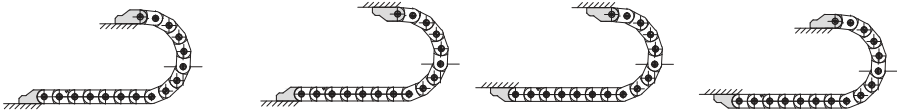


OK35 Y



## Plastik Ayak Bağlantı Şekilleri

*Plastic End Bracket Assembly*

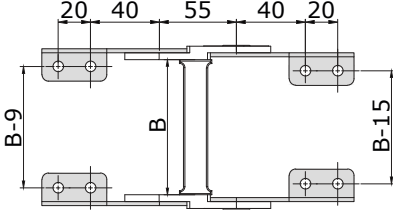




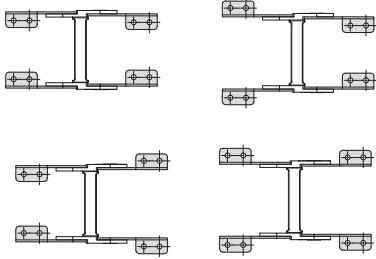
## Metal Ayak Montaj Ölçüleri

Steel End Bracket Assembly Dimensions

## OK35 M



'B' ölçüsünü ölçü tablosundan bulabilirsiniz.  
You will find the 'B' dimension from model table.



OK35 A



OK35 K

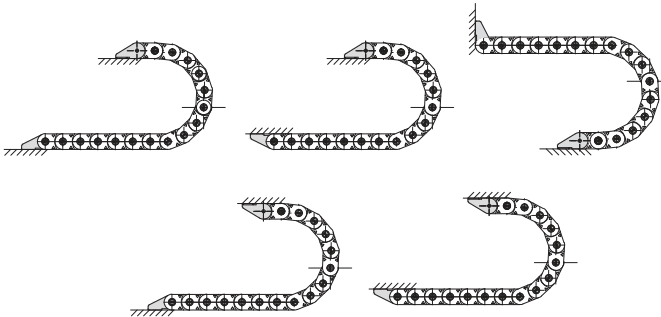


OK35 Y



## Metal Ayak Bağlantı Şekilleri

Steel End Bracket Assembly





**OK42 A SERİSİ**  
*OK42 A SERIE*

**OK42 K SERİSİ**  
*OK42 K SERIE*

**OK42 Y SERİSİ**  
*OK42 Y SERIE*

**MALZEME ÖZELLİKLERİ**

***MATERIAL FEATURES***

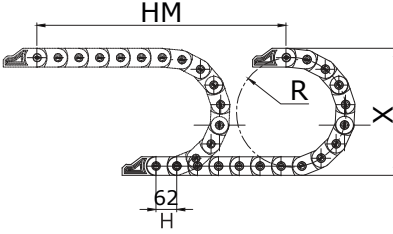
PA6 %30 Cam Elyaf  
*PA6 With %30 Fiber Glass*

**HIZ**  
***SPEED***

7 m/sn  
*7 m/sec*

**ÇALIŞMA SICAKLIĞI**  
***OPERATING TEMPERATURE***

-30°C ~ + 130°C



- L** Kullanılacak Miktar  
Calculation of the Chain Length
- HM** Hareket Mesafesi  
Movement Distance
- X** Montaj Yüksekliği  
Mounting Height
- Y** RADIUS Mesafesi  
Radius Distance
- H** Hatve  
Pitch

$$L = HM / 2 + Y$$

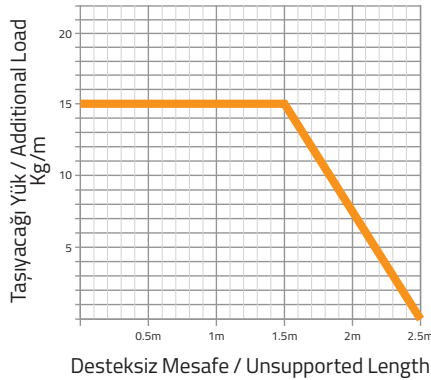
$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Kıvrılma Yarıçapı / Bending Radius	75	100	150	200
H (mm)	62	62	62	62
X (mm)	208	258	358	458
Y (mm)	236	314	471	628

\* Kapalı ve Yarı Açık serilerin radiusleri 100'den başlamaktadır /  
The Closed Cover and Half Covered type product radius is started from R100

## YÜK DİYAGRAMI LOAD DIAGRAM



# OK42 A SERİSİ

İçten ve Dıştan Açılabilir Seri  
Openable From Inner and Outside

## OK42 A SERIE

Örnek Ürün Kodu  
Product No. Example

**OK42**

İç Yükseklik  
Inner Height

**A**

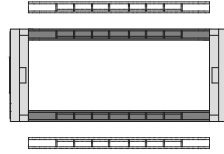
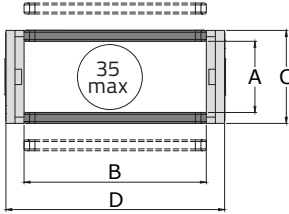
Açık Seri  
Open Serie

**050**

İç Genişlik  
Inner Width

**R075**

Kıvrılma Yarıçapı  
Bending Radius



OK42 A	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK42 A 040 R ...	42	40	58	67	75, 100, 150, 200	1,578
OK42 A 050 R ...		50		77		1,610
OK42 A 060 R ...		60		87		1,642
OK42 A 080 R ...		80		107		1,706
OK42 A 100 R ...		100		127		1,770
OK42 A 120 R ...		120		147		1,834
OK42 A 125 R ...		125		152		1,866
OK42 A 175 R ...		175		202		2,026



## OK42 K SERİSİ İçten ve Dıştan Açılabilir Seri OK42 K SERIE

Openable From Inner and Outside

Örnek Ürün Kodu  
Product No. Example

### OK42

İç Yükseklik  
Inner Height

### K

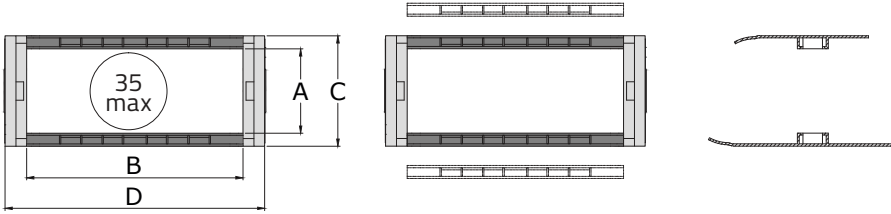
Kapalı Seri  
Closed Serie

### 080

İç Genişlik  
Inner Width

### R100

Kıvrılma Yarıçapı  
Bending Radius



OK42 K	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK42 K 050 R ...	42	50	58	77	100, 150, 200	1,866
OK42 K 080 R ...		80		107		2,122
OK42 K 100 R ...		100		127		2,298
OK42 K 125 R ...		125		152		2,490



# OK42 Y SERİSİ

## OK42 Y SERIE

İçten ve Dıştan Açılabilir Seri  
Openable From Inner and Outside

### OK42

İç Yükseklik  
Inner Height

### Y

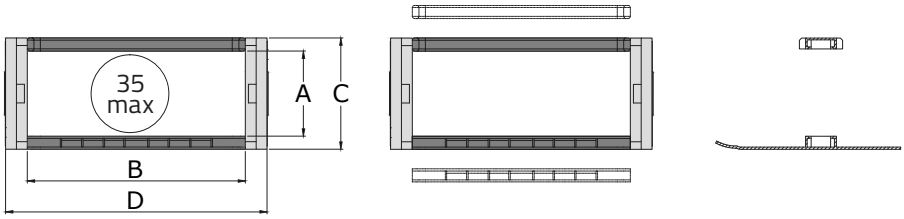
Yarı Açık Seri  
Half Covered Serie

### 080

İç Genişlik  
Inner Width

### R100

Kıvrılma Yarıçapı  
Bending Radius



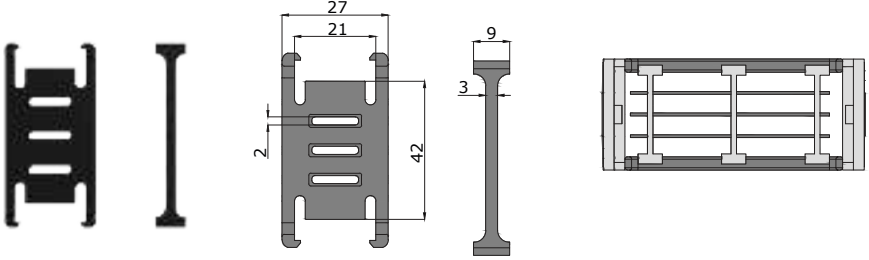
OK42 Y	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK42 Y 050 R ...	42	50	58	77	100, 150, 200	1,738
OK42 Y 080 R ...		80		107		1,930
OK42 Y 100 R ...		100		127		2,058
OK42 Y 125 R ...		125		152		2,022



## Açık Seri Plastik Dikey Separatör Ölçüleri

*Open Type Plastic Vertical Separator Dimensions*

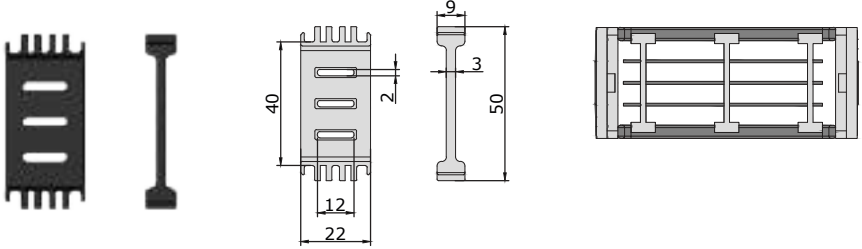
### OK42 SP



## Kapalı Seri Plastik Dikey Separatör Ölçüleri

*Closed Type Plastic Vertical Separator Dimensions*

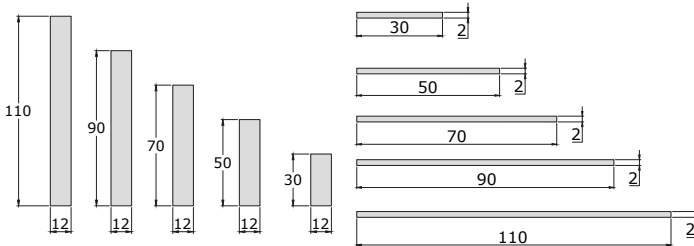
### OK42 KSP



## Plastik Yatay Separatör Ölçüleri

*Plastic Horizontal Separator Dimensions*

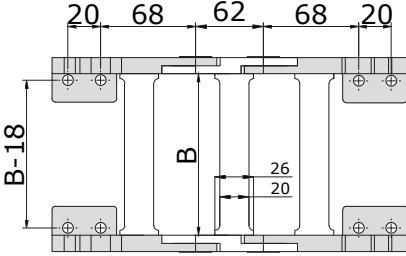
### OK42 YSP



## Plastik Ayak Montaj Ölçüleri

*Plastic End Bracket Assembly Dimensions*

**OK42 P**



'B' ölçüsünü ölçü tablosundan bulabilirsiniz.  
You will find the 'B' dimension from model table.

OK42 A



OK42 K

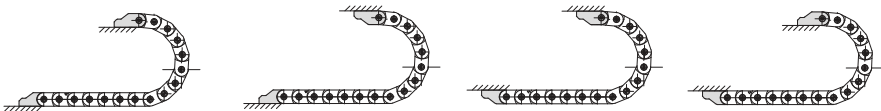


OK42 Y



## Plastik Ayak Bağlantı Şekilleri

*Plastic End Bracket Assembly*

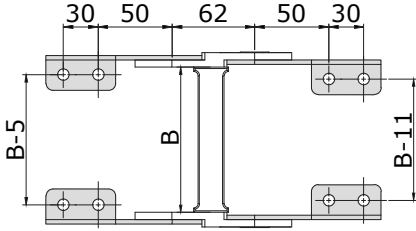




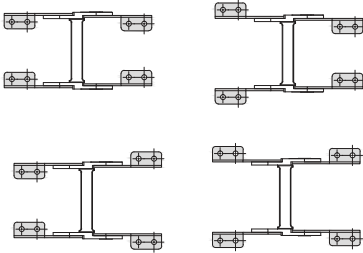
## Metal Ayak Montaj Ölçüleri

Steel End Bracket Assembly Dimensions

## OK42 M



'B' ölçüsünü ölçü tablosundan bulabilirsiniz.  
You will find the 'B' dimension from model table.



OK42 A



OK42 K

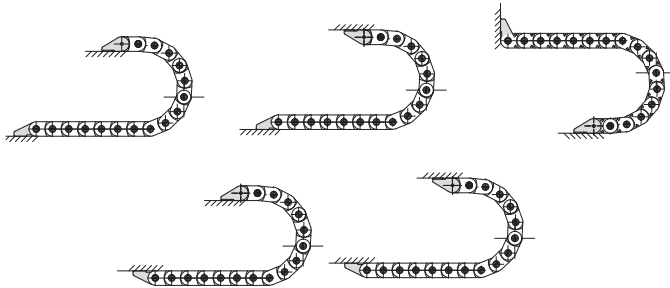


OK42 Y

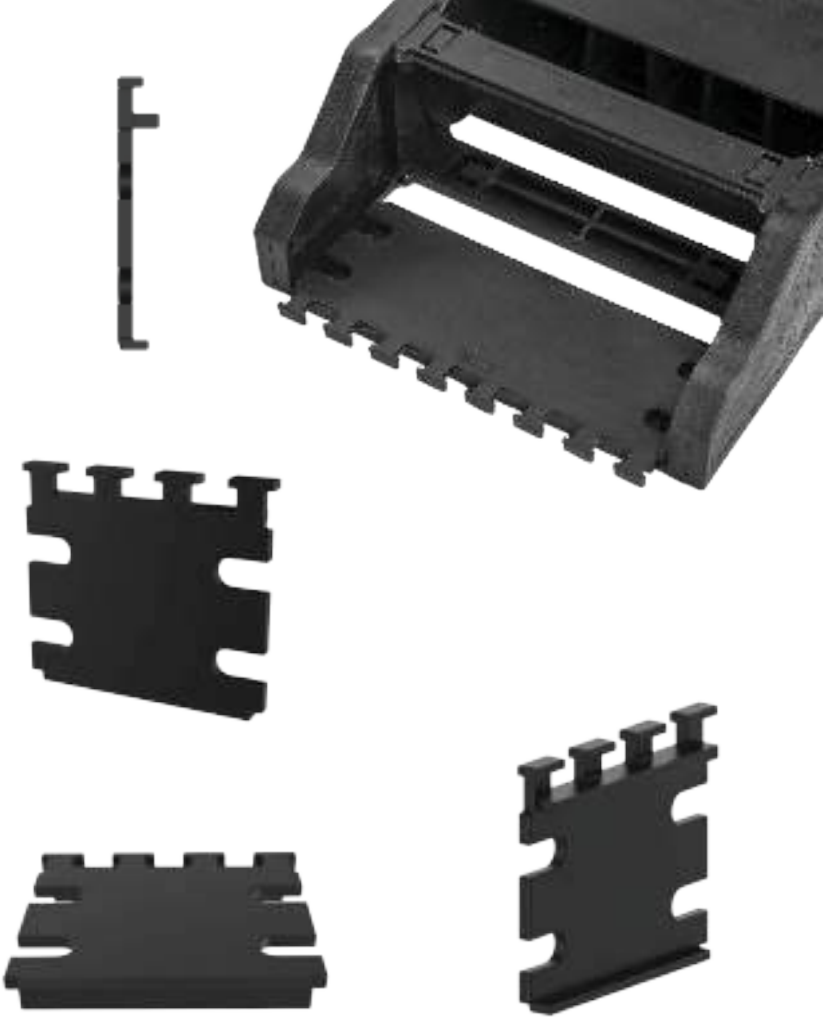


## Metal Ayak Bağlantı Şekilleri

Steel End Bracket Assembly



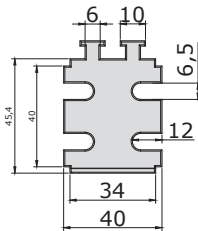
**Plastik Kablo Sabitleyici**  
*Plastic Strain Relief*



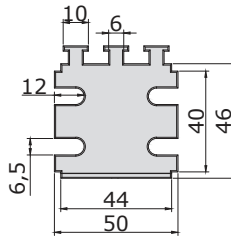
# OK25-30-35-42

## OK SR

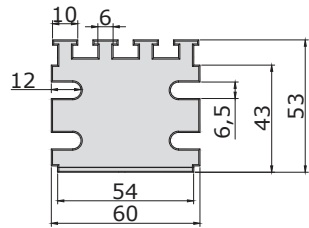
OK SR 040



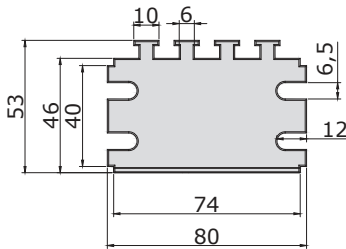
OK SR 050



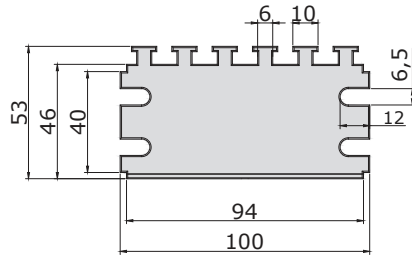
OK SR 060



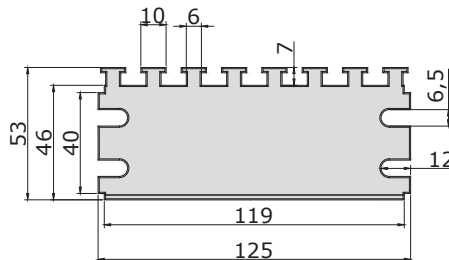
OK SR 080



OK SR 100



OK SR 125





**OK40 A-AL-K-Y SERİSİ**

*OK40 A-AL-K-Y SERIE*

**OK60 A-AL-K-Y SERİSİ**

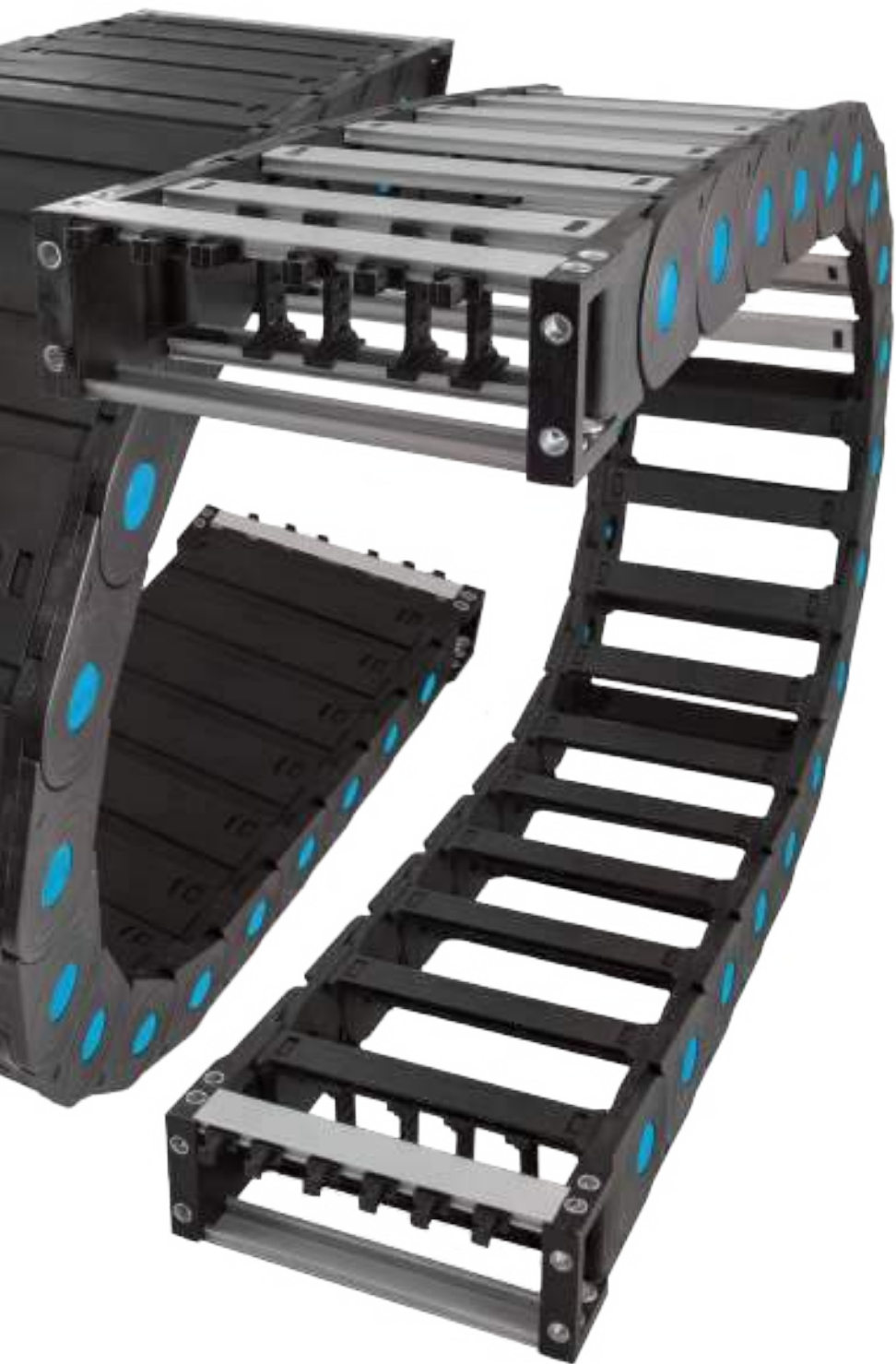
*OK60 A-AL-K-Y SERIE*

**OK80 A-AL SERİSİ**

*OK80 A-AL SERIE*

**PLASTİK AĞIR SERİ**  
*PLASTIC HEAVY SERIE*







**OK40 A SERİSİ**  
*OK40 A SERIE*

**OK40 AL SERİSİ**  
*OK40 AL SERIE*

**OK40 K SERİSİ**  
*OK40 K SERIE*

**OK40 Y SERİSİ**  
*OK40 Y SERIE*

**MALZEME ÖZELLİKLERİ**

***MATERIAL FEATURES***

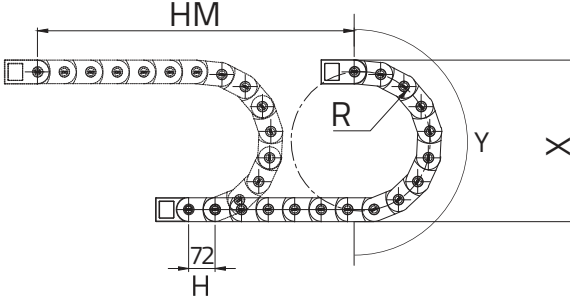
PA6 %30 Cam Elyaf  
*PA6 With %30 Fiber Glass*

**HIZ**  
***SPEED***

5 m/sn  
*5 m/sec*

**ÇALIŞMA SICAKLIĞI**  
***OPERATING TEMPERATURE***

-30°C ~ + 130°C



- L** Kullanılacak Miktar  
Calculation of the Chain Length
- HM** Hareket Mesafesi  
Movement Distance
- X** Montaj Yüksekliği  
Mounting Height
- Y** Radyüs Mesafesi  
Radius Distance
- H** Hatve  
Pitch

$$L = HM / 2 + Y$$

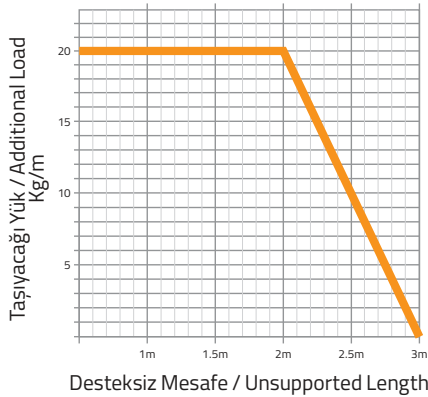
$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Kıvrılma Yarıçapı / Bending Radius	75	100	125	150	200	250	300
H (mm)	72	72	72	72	72	72	72
X (mm)	212	262	312	362	462	562	662
Y (mm)	236	314	392	471	628	785	942

\* Kapalı ve Yarı Açık serilerin radiusleri 125'ten başlamaktadır /  
The Closed Cover and Half Covered type product radius is started from R125

## YÜK DİYAGRAMI LOAD DIAGRAM



# OK40 A SERİSİ

İçten ve Dıştan Açılabilir Seri  
Openable From Inner and Outside

## OK40 A SERIE

Örnek Ürün Kodu  
Product No. Example

**OK40**

İç Yükseklik  
Inner Height

**A**

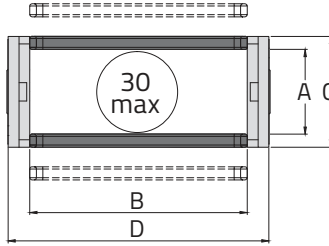
Açık Seri  
Open Serie

**080**

İç Genişlik  
Inner Width

**R100**

Kıvrılma Yarıçapı  
Bending Radius



OK 40 A	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Diş Yükseklik (mm) Outer Height (mm)	Diş Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK40 A 080 R ...	40	80	62	108	75, 100, 125, 150, 200, 250, 300	2,348
OK40 A 100 R ...		100		128		2,516
OK40 A 120 R ...		120		148		2,684
OK40 A 140 R ...		140		168		2,824
OK40 A 160 R ...		160		188		2,936
OK40 A 180 R ...		180		208		3,048
OK40 A 200 R ...		200		228		3,272





## OK40 AL SERİSİ İçten ve Dıştan Açılabilir Seri Openable From Inner and Outside OK40 AL SERIE

Örnek Ürün Kodu  
 Product No. Example

### OK40

İç Yükseklik  
 Inner Height

### AL

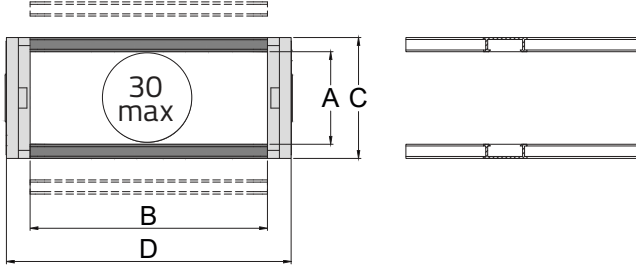
Açık Seri  
 Open Serie

### 500

İç Genişlik  
 Inner Width

### R300

Kıvrılma Yarıçapı  
 Bending Radius



OK 40 AL	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK40 AL 250 R ...	40	250	62	278	75, 100, 125, 150, 200, 250, 300	3,552
OK40 AL 300 R ...		300		328		3,888
OK40 AL 400 R ...		400		428		4,560
OK40 AL 500 R ...		500		528		5,232



# OK40 K SERİSİ

İçten ve Dıştan Açılabilir Seri  
Openable From Inner and Outside

## OK40 K SERIE

Örnek Ürün Kodu  
Product No. Example

**OK40**

İç Yükseklik  
Inner Height

**K**

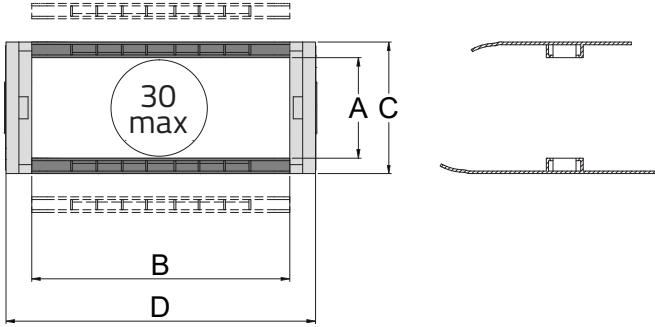
Kapalı Seri  
Closed Serie

**100**

İç Genişlik  
Inner Width

**R250**

Kıvrılma Yarıçapı  
Bending Radius



OK 40 K	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK40 K 100 R ...	40	100	62	128	125, 150, 200, 250, 300	2,810



## OK40 Y SERİSİ

### OK40 Y SERIE

İçten ve Dıştan Açılabilir Seri  
Openable From Inner and Outside

Örnek Ürün Kodu  
Product No. Example

## OK40

İç Yükseklik  
Inner Height

## Y

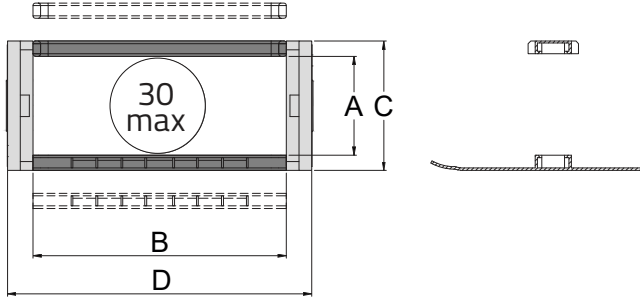
Yarı Açık Seri  
Half Covered Serie

## 100

İç Genişlik  
Inner Width

## R250

Kıvrılma Yarıçapı  
Bending Radius

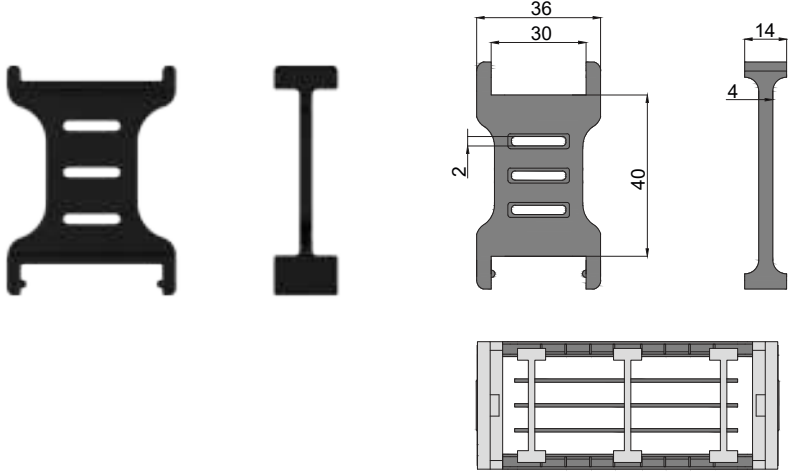


OK 40 Y	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK40 Y 100 R ...	40	100	62	128	125, 150, 200, 250, 300	2,600



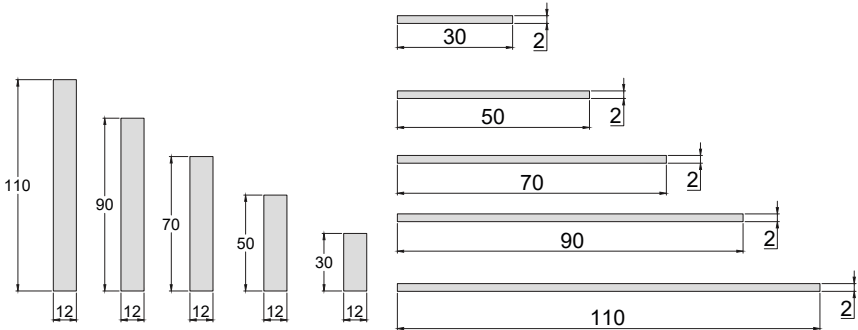
**Dikey Separatör Ölçüleri**  
*Vertical Separator Dimensions*

**OK40 SP**



**Yatay Separatör Ölçüleri**  
*Horizontal Separator Dimensions*

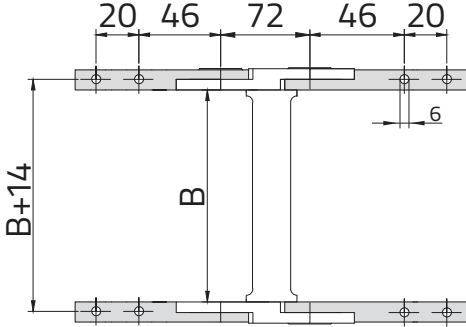
**OK40 YSP**



## Plastik Ayak Montaj Ölçüleri

Plastic End Bracket Assembly Dimensions

## OK40 P



'B' ölçüsünü ölçü tablosundan bulabilirsiniz.  
You will find the 'B' dimension from model table.

OK40 A



OK40 AL



OK40 K

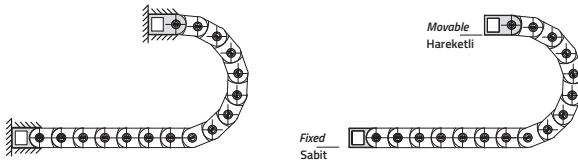


OK40 Y



## Plastik Ayak Montaj

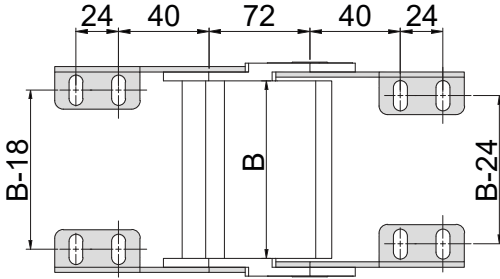
Plastic End Bracket Assembly



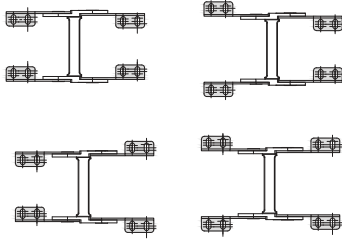
## OK40 M

### Metal Ayak Montaj Ölçüleri

*Metal End Bracket Assembly Dimensions*



'B' ölçüsünü ölçü tablosundan bulabilirsiniz.  
 You will find the 'B' dimension from model table.



OK40 A



OK40 AL



OK40 K

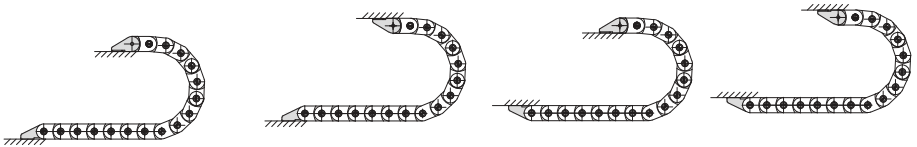


OK40 Y



### Metal Ayak Montaj

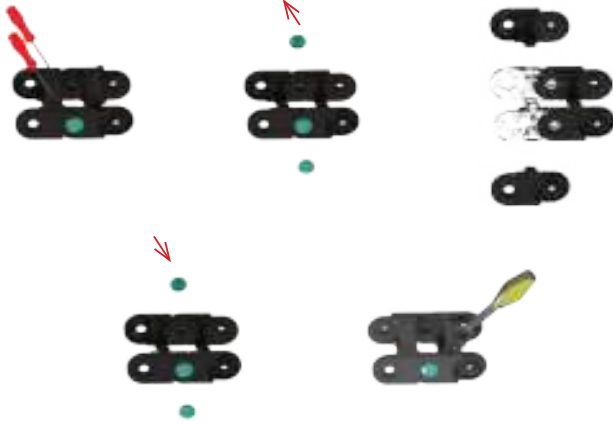
*Metal End Bracket Assembly*



## Montaj-Demontaj Uygulaması

*Assembly-Disassembly Application*

---





**OK60 A SERİSİ**  
*OK60 A SERIE*

**OK60 AL SERİSİ**  
*OK60 AL SERIE*

**OK60 K SERİSİ**  
*OK60 K SERIE*

**OK60 Y SERİSİ**  
*OK60 Y SERIE*

**MALZEME ÖZELLİKLERİ**

***MATERIAL FEATURES***

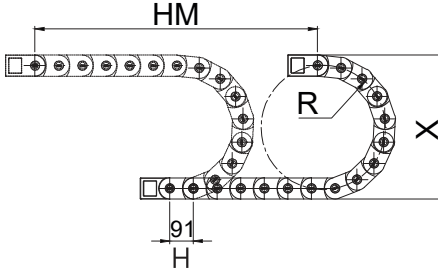
PA6 %30 Cam Elyaf  
*PA6 With %30 Fiber Glass*

**HIZ**  
***SPEED***

4 m/sn  
*4 m/sec*

**ÇALIŞMA SICAKLIĞI**  
***OPERATING TEMPERATURE***  
-30°C ~ + 130°C





- L** Kullanılacak Miktar  
Calculation of the Chain Length
- HM** Hareket Mesafesi  
Movement Distance
- X** Montaj Yüksekliği  
Mounting Height
- Y** Radyüs Mesafesi  
Radius Distance
- H** Hatve  
Pitch

$$L = HM / 2 + Y$$

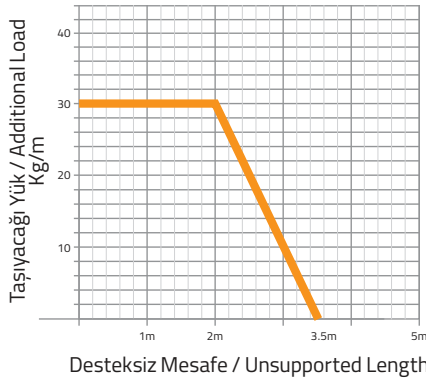
$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Kıvrılma Yarıçapı / Bending Radius	100	150	200	250	300
H (mm)	91	91	91	91	91
X (mm)	282	382	482	582	682
Y (mm)	314	471	628	785	942

\* Kapalı ve Yarı Açık serilerin radiusleri 150'den başlamaktadır /  
The Closed Cover and Half Covered type product radius is started from R150

## YÜK DİYAGRAMI LOAD DIAGRAM



# OK60 A SERİSİ

İçten ve Dıştan Açılabilir Seri  
 Openable From Inner and Outside

## OK60 A SERIE

Örnek Ürün Kodu  
 Product No. Example

**OK60**

İç Yükseklik  
 Inner Height

**A**

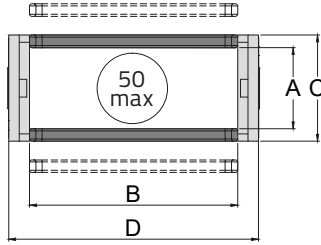
Açık Seri  
 Open Serie

**080**

İç Genişlik  
 Inner Width

**R100**

Kıvrılma Yarıçapı  
 Bending Radius



OK 60 A	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK60 A 080 R ...	60	80	82	112	100, 150, 200, 250, 300	3,120
OK60 A 100 R ...		100		132		3,252
OK60 A 120 R ...		120		152		3,384
OK60 A 140 R ...		140		172		3,494
OK60 A 160 R ...		160		192		3,582
OK60 A 180 R ...		180		212		3,670
OK60 A 200 R ...		200		232		3,846



## OK60 AL SERİSİ İçten ve Dıştan Açılabilir Seri Openable From Inner and Outside OK60 AL SERIE

Örnek Ürün Kodu  
 Product No. Example

### OK60

İç Yükseklik  
 Inner Height

### AL

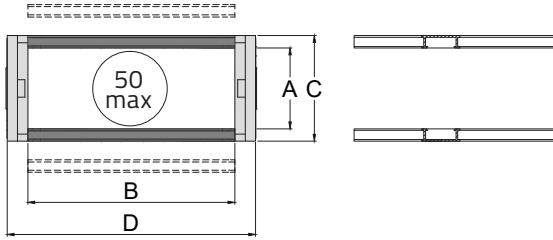
Açık Seri  
 Open Serie

### 500

İç Genişlik  
 Inner Width

### R300

Kıvrılma Yarıçapı  
 Bending Radius



OK 60 AL	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK60 AL 250 R ...	60	250	82	282	100, 150, 200, 250, 300	4,065
OK60 AL 300 R ...		300		332		4,330
OK60 AL 400 R ...		400		432		4,858
OK60 AL 500 R ...		500		532		5,386



# OK60 K SERİSİ

İçten ve Dıştan Açılabilir Seri  
Openable From Inner and Outside

## OK60 K SERIE

Örnek Ürün Kodu  
Product No. Example

**OK60**

İç Yükseklik  
Inner Height

**K**

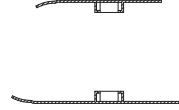
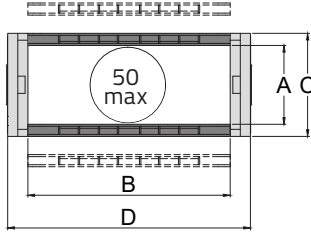
Kapalı Seri  
Closed Serie

**100**

İç Genişlik  
Inner Width

**R250**

Kıvrılma Yarıçapı  
Bending Radius



OK 60 K	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Diş Yükseklik (mm) Outer Height (mm)	Diş Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK60 K 100 R ...	60	100	82	132		3,681
OK60 K 140 R ...	60	140	82	172	150, 200, 250, 300	4,088
OK60 K 200 R ...	60	200	82	232		4,649



## OK60 Y SERİSİ

### OK60 Y SERIE

İçten ve Dıştan Açılabilir Seri  
Openable From Inner and Outside

Örnek Ürün Kodu  
Product No. Example

## OK60

İç Yükseklik  
Inner Height

## Y

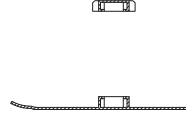
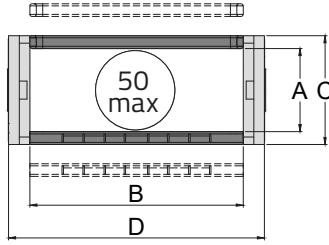
Yarı Açık Seri  
Half Covered Serie

## 100

İç Genişlik  
Inner Width

## R250

Kıvrılma Yarıçapı  
Bending Radius



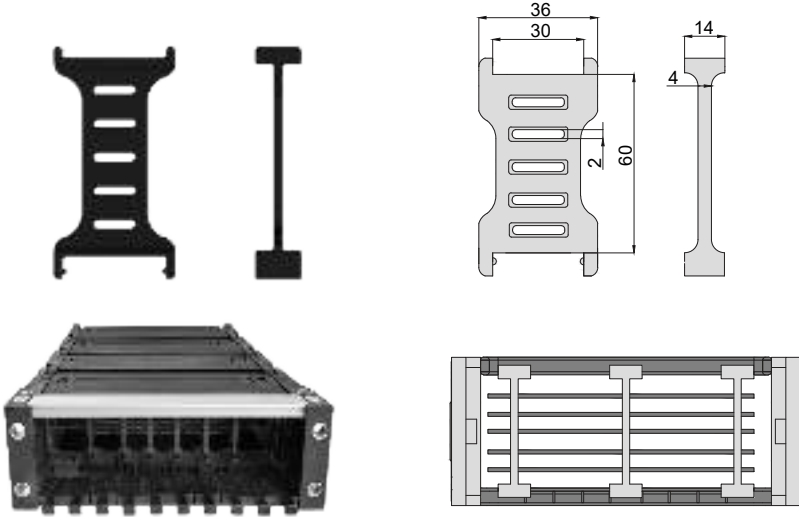
OK 60 Y	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK60 Y 100 R ...	60	100	82	132	150, 200, 250, 300	3,417
OK60 Y 140 R ...	60	140	82	172		3,736
OK60 Y 200 R ...	60	200	82	232		4,220



## Dikey Separatör Ölçüleri

*Vertical Separator Dimensions*

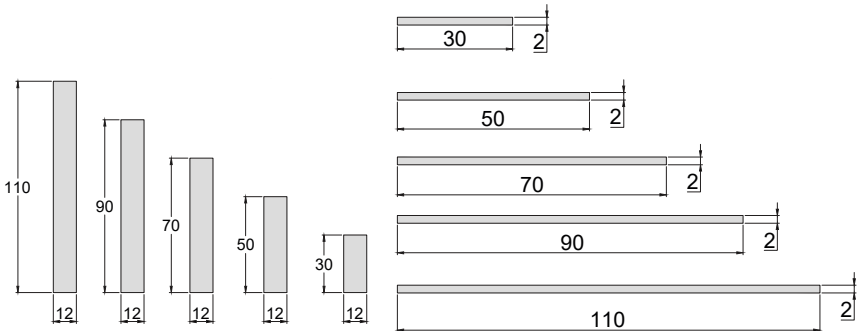
## OK60 SP



## Yatay Separatör Ölçüleri

*Horizontal Separator Dimensions*

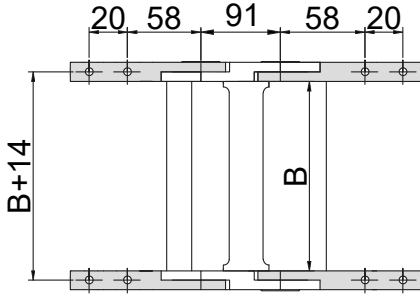
## OK60 YSP



## Plastik Ayak Montaj Ölçüleri

Plastic End Bracket Assembly Dimensions

## OK60 P



'B' ölçüsünü ölçü tablosundan bulabilirsiniz.  
You will find the 'B' dimension from model table.

OK60 A



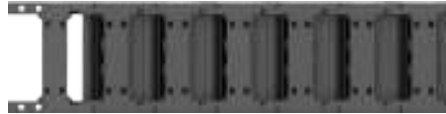
OK60 AL



OK60 K

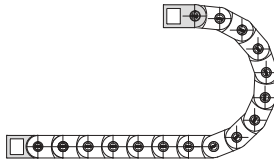


OK60 Y



## Plastik Ayak Montaj

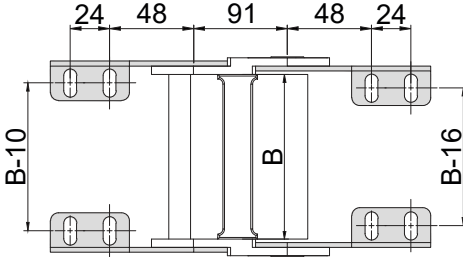
Plastic End Bracket Assembly



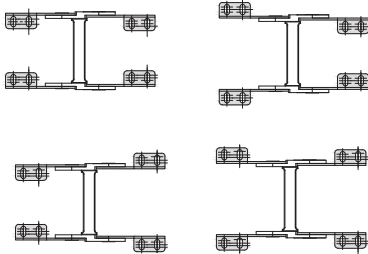
## Metal Ayak Montaj Ölçüleri

*Metal End Bracket Assembly Dimensions*

## OK60 M



'B' ölçüsünü ölçü tablosundan bulabilirsiniz.  
 You will find the 'B' dimension from model table.



OK60 A



OK60 AL



OK60 K

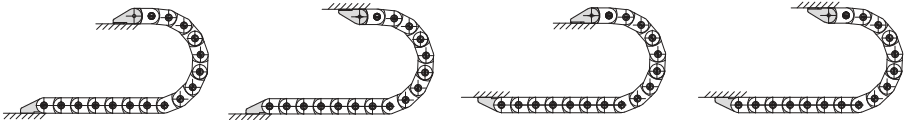


OK60 Y



## Metal Ayak Montaj

*Metal End Bracket Assembly*

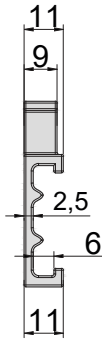
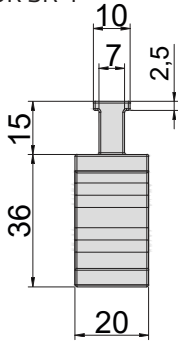




## Kablo Sabitleyici *Strain Relief*

## OK60 SR

OK SR 1





**OK80 A SERİSİ**  
*OK80 A SERIE*

**OK80 AL SERİSİ**  
*OK80 AL SERIE*

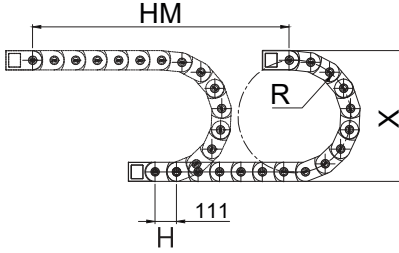
**MALZEME ÖZELLİKLERİ**  
*MATERIAL FEATURES*

PA6 %30 Cam Elyaf  
*PA6 With %30 Fiber Glass*

**HIZ**  
*SPEED*

4 m/sn  
*4 m/sec*

**ÇALIŞMA SICAKLIĞI**  
*OPERATING TEMPERATURE*  
-30°C ~ + 130°C



- L** Kullanılacak Miktar  
Calculation of the Chain Length
- HM** Hareket Mesafesi  
Movement Distance
- X** Montaj Yüksekliği  
Mounting Height
- Y** Radyüs Mesafesi  
Radius Distance
- H** Hatve  
Pitch

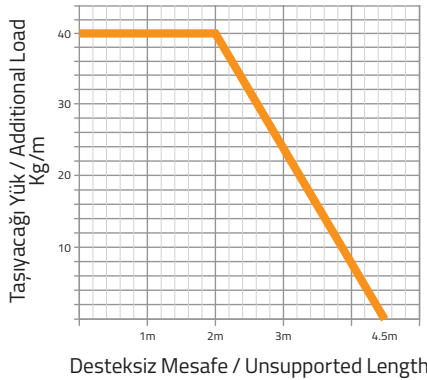
$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Kıvrılma Yarıçapı / Bending Radius	150	200	250	300
H (mm)	111	111	111	111
X (mm)	402	502	602	702
Y (mm)	471	628	785	942

## YÜK DİYAGRAMI LOAD DIAGRAM



# OK80 A SERİSİ

İçten ve Dıştan Açılabilir Seri  
Openable From Inner and Outside

## OK80 A SERIE

Örnek Ürün Kodu  
Product No. Example

**OK80**

İç Yükseklik  
Inner Height

**A**

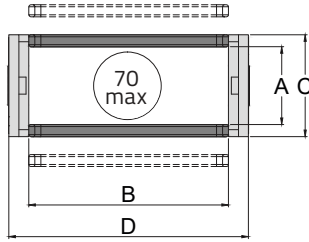
Açık Seri  
Open Serie

**200**

İç Genişlik  
Inner Width

**R200**

Kıvrılma Yarıçapı  
Bending Radius



OK 80 A	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Diş Yükseklik (mm) Outer Height (mm)	Diş Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK80 A 080 R ...	80	80	102	112	150, 200, 250, 300	3,384
OK80 A 100 R ...		100		132		3,492
OK80 A 120 R ...		120		152		3,600
OK80 A 140 R ...		140		172		3,690
OK80 A 160 R ...		160		192		3,762
OK80 A 180 R ...		180		212		3,834
OK80 A 200 R ...		200		232		3,978



## OK80 AL SERİSİ İçten ve Dıştan Açılabilir Seri Openable From Inner and Outside OK80 AL SERIE

Örnek Ürün Kodu  
 Product No. Example

### OK80

İç Yükseklik  
 Inner Height

### AL

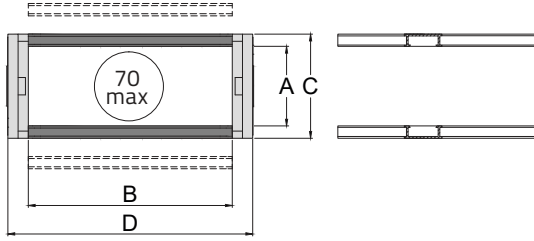
Açık Seri  
 Open Serie

### 400

İç Genişlik  
 Inner Width

### R300

Kıvrılma Yarıçapı  
 Bending Radius



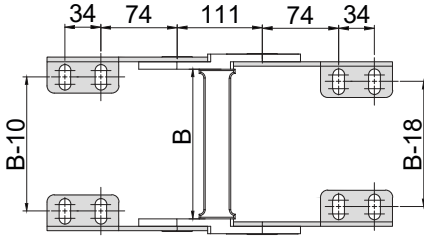
OK 80 AL	A	B	C	D	R	W
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius	Ağırlık Kg/Mt Weight Kg/Mt
OK80 AL 250 R ...	80	250	102	282	150, 200, 250, 300	4,158
OK80 AL 300 R ...		300		332		4,374
OK80 AL 400 R ...		400		432		4,806
OK80 AL 500 R ...		500		532		5,238



## Metal Ayak Montaj Ölçüleri

*Metal End Bracket Assembly Dimensions*

## OK80 M

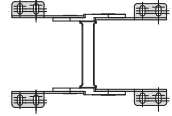
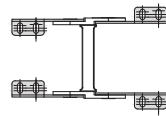
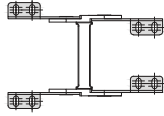
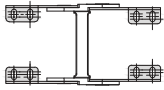


'B' ölçüsünü ölçü tablosundan bulabilirsiniz.  
 You will find the 'B' dimension from model table.

OK80 A

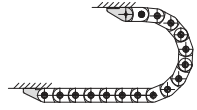
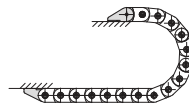
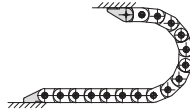
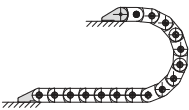


OK80 AL



## Metal Ayak Montaj

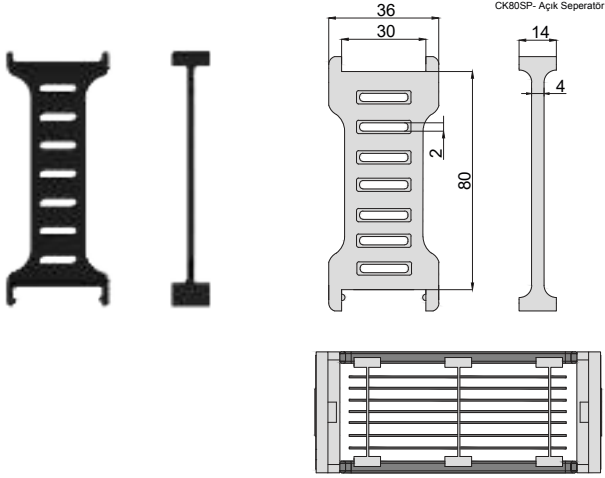
*Metal End Bracket Assembly*



## Dikey Separatör Ölçüleri

Vertical Separator Dimensions

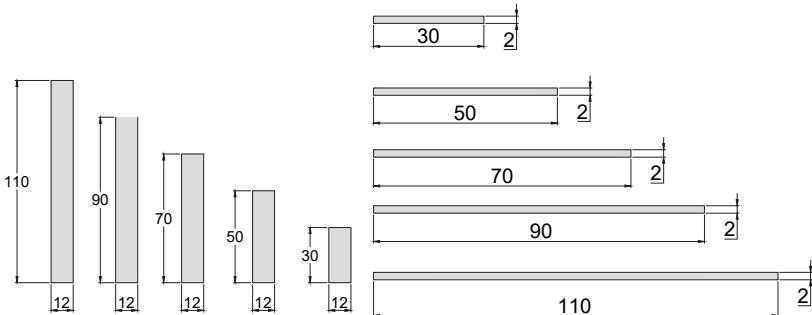
## OK80 SP



## Yatay Separatör Ölçüleri

Horizontal Separator Dimensions

## OK80 YSP



 **ORTAC®**

**ÇS22 - ÇS250**

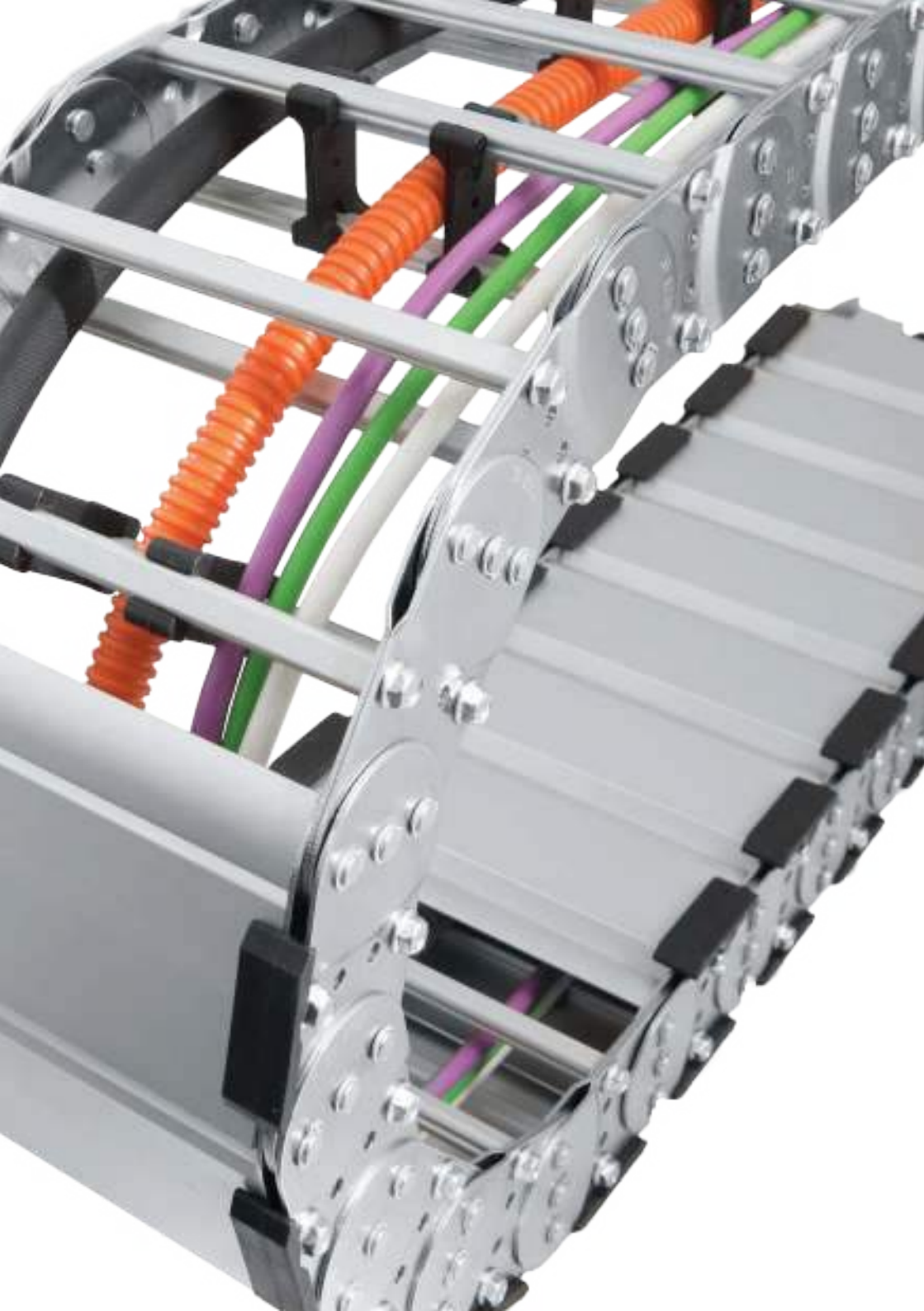
**SERİLERİ**

*ÇS22 - ÇS250 SERIES*

**ÇELİK SERİ**  
*STEEL SERIE*









## Genel Özellikler / General Specifications

- Desteksiz olarak uzun metraj kullanabilme imkanı / *Maximum unsupported length*
- İsteğe bağlı paslanmaz olarak imal edilebilir / *Available to produce stainless steel*
- Alüminyum kapak ile kapatılabilir / *Also covered with aluminium covers*
- 1 mm cinsinden değişik genişliklerde, projenize özel üretilebilir / *Available to produce in 1 mm width section as your special projects*
- Plastik veya metal seperatör seçeneği mevcuttur / *Dividers are made of plastic or steel*
- Uzun mesafelerde plastik kayar yataklar kullanılmaktadır / *Plastic glides for long applications*
- Yüksek kaliteli ve çinko kaplamalı civata, sekman ve pim / *High quality zinc coated screws, pins and retaining rings*
- İçten veya dıştan açılabilme özelliği / *Available disassembly from inside and outside*
- Kablo ve hortum ölçülerine göre özel imalat edilebilir / *Available special design for your cable and hose holes*



**CS22 SERİSİ**  
CS22 SERIE

**CS30 SERİSİ**  
CS30 SERIE

**CS45 SERİSİ**  
CS45 SERIE

**CS60 SERİSİ**  
CS60 SERIE

**CS75 SERİSİ**  
CS75 SERIE

**CS110 SERİSİ**  
CS110 SERIE

**CS180 SERİSİ**  
CS180 SERIE

**CS250 SERİSİ**  
CS250 SERIE

**MALZEME ÖZELLİKLERİ**  
MATERIAL FEATURES

Çinko Kaplı / \*Paslanmaz  
Zinc Coated Steel / \*Stainless Steel

**HIZ**  
SPEED

1-2 m/sn  
1-2 m/sec

# CS22 A-B SERİSİ

## CS22 A-B SERIE

### CS22 A

Açık Tip Alüminyum Çıtalı Çelik Seri  
Open Type Steel Serie

Örnek Ürün Kodu  
Product No. Example

**CS22**

İç Yükseklik  
Inner Height

**A**

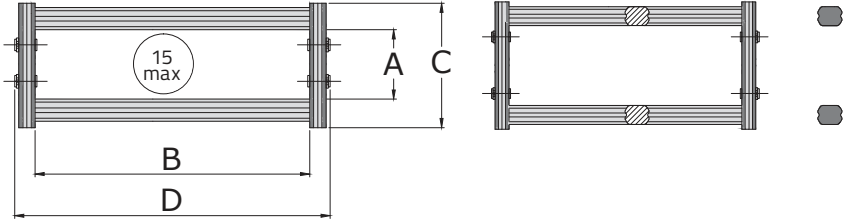
Açık Seri  
Open Serie

**200**

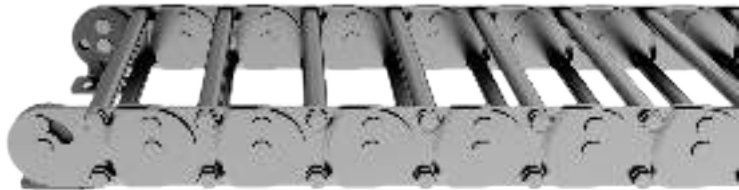
İç Genişlik  
Inner Width

**R050**

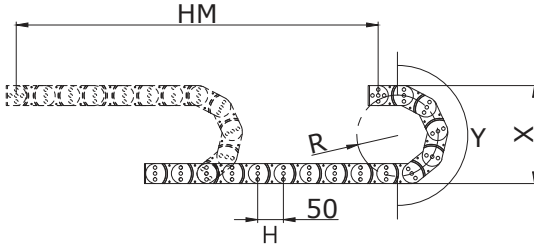
Kıvrılma Yarıçapı  
Bending Radius



CS22 A	A	B <sub>min</sub> - B <sub>max</sub>	C	D <sub>min</sub> - D <sub>max</sub>	R
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Diş Yükseklik (mm) Outer Height (mm)	Diş Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius
CS22 A	22	50-400	40	65-415	50, 150



# CS22 A-B



- L** Kullanılacak Miktar  
Calculation of the Chain Length
- HM** Hareket Mesafesi  
Movement Distance
- X** Montaj Yüksekliği  
Mounting Height
- Y** Radüs Mesafesi  
Radius Distance
- H** Hatve  
Pitch

$$L = HM / 2 + Y$$

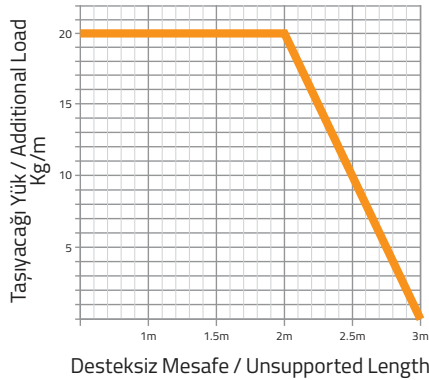
$$X = R \times 2 + C$$

$$Y = R \times \pi$$

## Kıvrılma Yarıçapı / Bending Radius

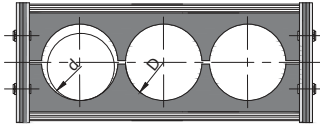
	50	150
H (mm)	50	50
X (mm)	140	340
Y (mm)	157	471

## YÜK DİYAGRAMI LOAD DIAGRAM

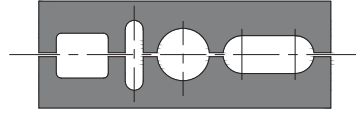


## CS22 B

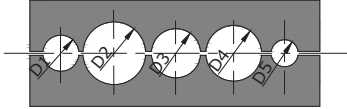
### Özel İşlemeli Alüminyum Çelik Seri Special Design Aluminium Steel Serie



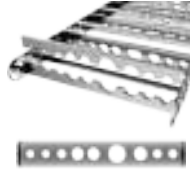
$D_{max} = 20 \text{ mm}$



Yatay ve Dikey Uzanan Delikli Alüminyum Lama  
Hole Stay With Horizontal and Vertical Elongated Holes



Yuvarlak Delikli Alüminyum Lama  
Hole Stay With Individual Holes

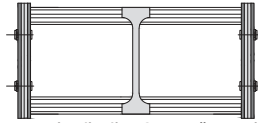
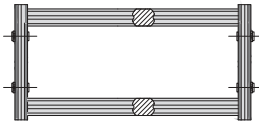


- Kablo ve hortum ölçülerine göre özel imalat edilebilir / Available special design for your cable and hose holes

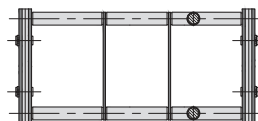
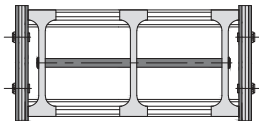
CS22 B	A	$B_{min} - B_{max}$	C	$D_{min} - D_{max}$	R
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Diş Yükseklik (mm) Outer Height (mm)	Diş Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius
CS22 B	-	50-400	40	65-415	50, 150

### Dikey ve Yatay Separatör Uygulamaları Vertical and Horizontal Separator Applications

## CS22 SP



Plastik Dikey Separatör Uygulaması  
Plastic Vertical Separator Application



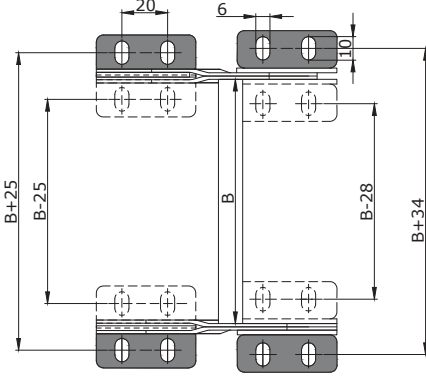
Çelik Dikey Separatör Uygulaması  
Steel Vertical Separator Application

Yatay Separatör Uygulaması  
Horizontal Separator Application

## Çelik Ayak Montaj Ölçüleri

Steel End Bracket Assembly Dimensions

## CS22 M

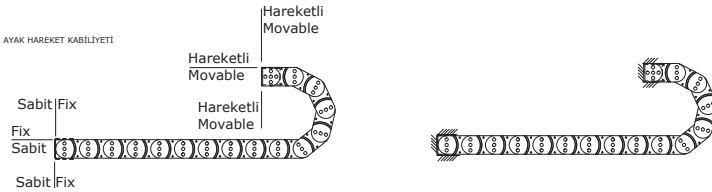


'B' ölçüsünü ölçü tablosundan bulabilirsiniz.  
You will find the 'B' dimension from model table.



## Çelik Ayak Montaj Uygulaması

Steel End Bracket Assembly Application



**Projeleriniz için irtibata geçebilirsiniz.**

*Do not hesitate to contact with us to your special projects.*

# CS30 A-B-K SERİSİ

## CS30 A-B-K SERIE

### CS30 A

Açık Tip Alüminyum Çıtalı Çelik Seri  
Open Type Steel Serie

Örnek Ürün Kodu  
Product No. Example

**CS30**

İç Yükseklik  
Inner Height

**A**

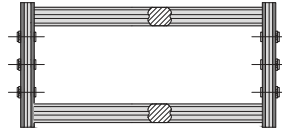
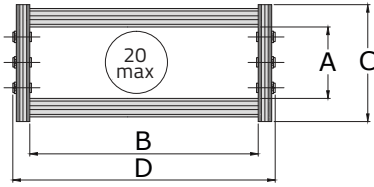
Açık Seri  
Open Serie

**200**

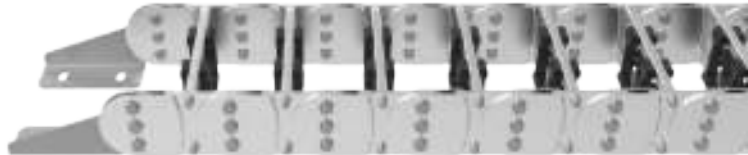
İç Genişlik  
Inner Width

**R075**

Kıvrılma Yarıçapı  
Bending Radius

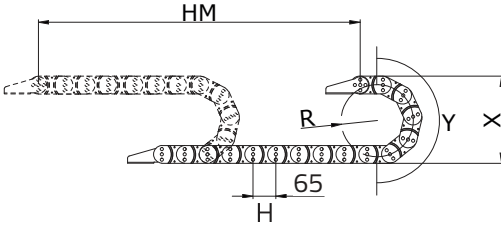


CS30 A	A	B <sub>min</sub> - B <sub>max</sub>	C	D <sub>min</sub> - D <sub>max</sub>	R
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius
CS30 A	30	50-500	50	66-516	75, 150





# CS30 A-B-K



- L** Kullanılacak Miktar  
Calculation of the Chain Length
- HM** Hareket Mesafesi  
Movement Distance
- X** Montaj Yüksekliği  
Mounting Height
- Y** Radüs Mesafesi  
Radius Distance
- H** Hatve  
Pitch

$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

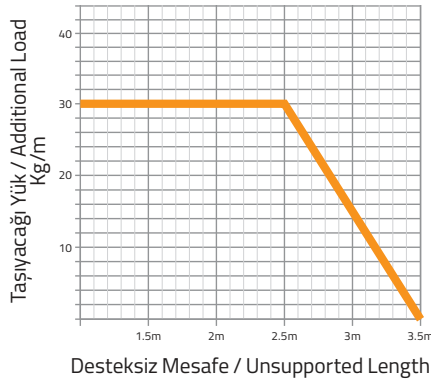
$$Y = R \times \pi$$

## Kıvrılma Yarıçapı / Bending Radius

	75	150
H (mm)	65	65
X (mm)	215	365
Y (mm)	236	471

\* Kapalı serilerin radiusleri 150'den başlamaktadır /  
The Closed type product radius is started from R150

## YÜK DİYAGRAMI LOAD DIAGRAM



# CS30 B

## Özel İşlemeli Alüminyum Çelik Seri Special Design Aluminium Steel Serie

Örnek Ürün Kodu  
Product No. Example

### CS30

İç Yükseklik  
Inner Height

### B

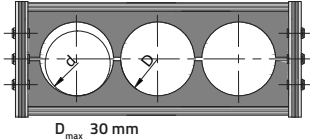
Özel Seri  
Special Design Serie

### 200

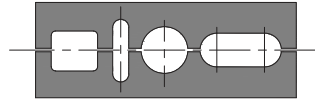
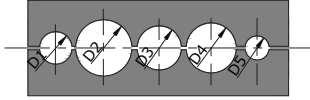
İç Genişlik  
Inner Width

### R150

Kıvrılma Yarıçapı  
Bending Radius



D<sub>max</sub> 30 mm



Yatay ve Dikey Uzanan Delikli Alüminyum Lama  
Hole Stay With Horizontal and Vertical Elongated Holes



- Kablo ve hortum ölçülerine göre özel imalat edilebilir  
/ Available special design for your cable and hose holes

CS30 B	A	B <sub>min</sub> - B <sub>max</sub>	C	D <sub>min</sub> - D <sub>max</sub>	R
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Diş Yükseklik (mm) Outer Height (mm)	Diş Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius
CS30 B	-	50-500	50	66-516	75, 150



# CS30 A-B-K

## CS30 K

### Kapalı Çelik Seri Closed Cover Steel Serie

Örnek Ürün Kodu  
Product No. Example

## CS30

İç Yükseklik  
Inner Height

## K

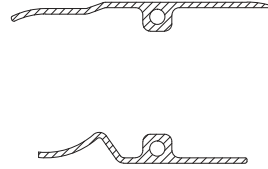
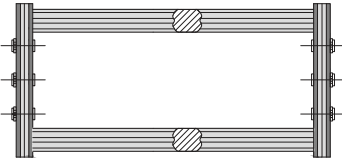
Kapalı Seri  
Closed Cover Serie

## 200

İç Genişlik  
Inner Width

## R150

Kıvrılma Yarıçapı  
Bending Radius



- Uzun mesafelerde plastik kayar yataklar kullanılmaktadır / Plastic glides for long applications

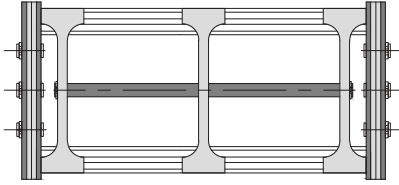
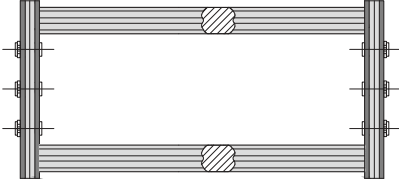
CS30 K	A	B <sub>min</sub> - B <sub>max</sub>	C	D <sub>min</sub> - D <sub>max</sub>	R
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Diş Yükseklik (mm) Outer Height (mm)	Diş Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius
CS30 K	30	50-500	50	66-516	150



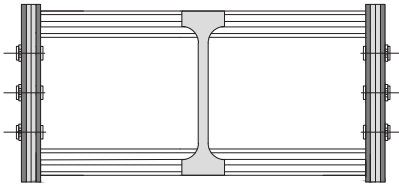
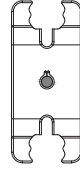
## Dikey ve Yatay Separatör Uygulamaları

Vertical and Horizontal Separator Applications

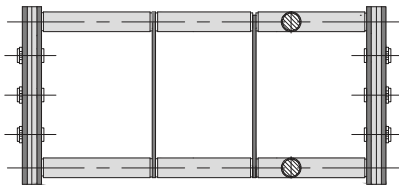
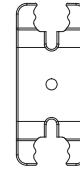
**CS30 SP**



Yatay Separatör Uygulaması  
Horizontal Separator Application



Plastik Dikey Separatör Uygulaması  
Plastic Vertical Separator Application

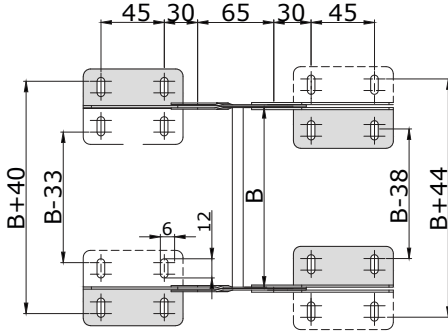


Çelik Dikey Separatör Uygulaması  
Steel Vertical Separator Application



### Çelik Ayak Montaj Ölçüleri

Steel End Bracket Assembly Dimensions



'B' ölçüsünü ölçü tablosundan bulabilirsiniz.  
You will find the 'B' dimension from model table.

CS30 A-B

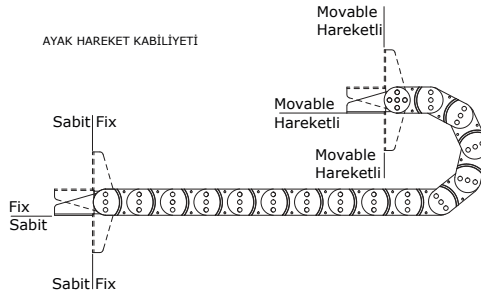


CS30 K



### Çelik Ayak Montaj Uygulaması

Steel End Bracket Assembly Application



**Projeleriniz için irtibata geçebilirsiniz.**

*Do not hesitate to contact with us to your special projects.*

# CS45 A-B-K SERİSİ

## CS45 A-B-K SERIE

### CS45 A

Açık Tip Alüminyum Çıtalı Çelik Seri  
Open Type Steel Serie

Örnek Ürün Kodu  
Product No. Example

**CS45**

İç Yükseklik  
Inner Height

**A**

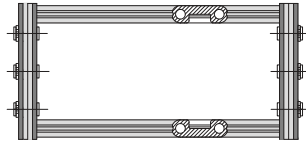
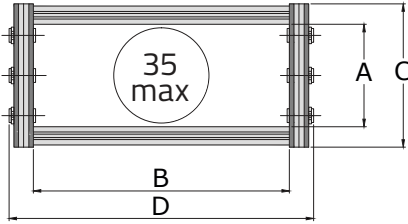
Açık Seri  
Open Serie

**200**

İç Genişlik  
Inner Width

**R150**

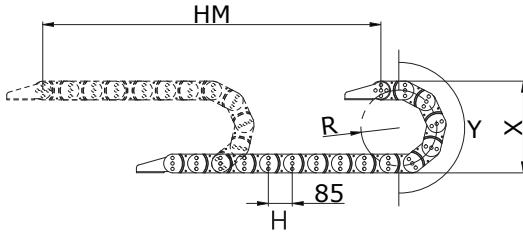
Kıvrılma Yarıçapı  
Bending Radius



CS45 A	A	B <sub>min</sub> - B <sub>max</sub>	C	D <sub>min</sub> - D <sub>max</sub>	R
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)-	Diş Yükseklik (mm) Outer Height (mm)	Diş Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius
CS45 A	45	80-600	63	102-622	75, 100, 150, 200, 250



# CS45 A-B-K



- L** Kullanılacak Miktar  
Calculation of the Chain Length
- HM** Hareket Mesafesi  
Movement Distance
- X** Montaj Yüksekliği  
Mounting Height
- Y** Radüs Mesafesi  
Radius Distance
- H** Hatve  
Pitch

$$L = HM / 2 + Y$$

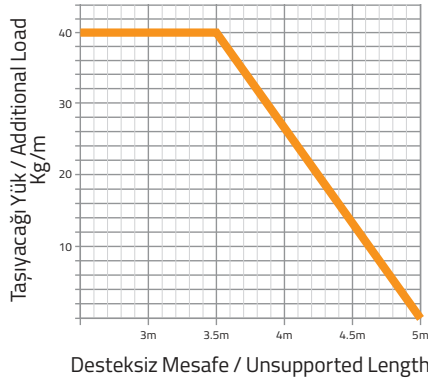
$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Kıvrılma Yarıçapı / Bending Radius	75	100	150	200	250
H (mm)	85	85	85	85	85
X (mm)	213	263	363	463	563
Y (mm)	236	314	471	628	785

\* Kapalı serilerin radiusleri 150'den başlamaktadır /  
The Closed type product radius is started from R150

## YÜK DİYAGRAMI LOAD DIAGRAM



# CS45 B

## Özel İşlemeli Alüminyum Çelik Seri Special Design Aluminium Steel Serie

Örnek Ürün Kodu  
Product No. Example

### CS45

İç Yükseklik  
Inner Height

### B

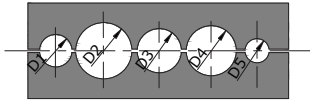
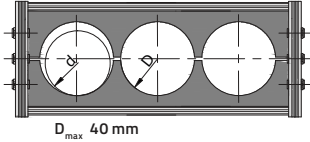
Özel Seri  
Special Design Serie

### 200

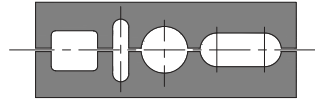
İç Genişlik  
Inner Width

### R150

Kıvrılma Yarıçapı  
Bending Radius



Yuvarlak Delikli Alüminyum Lama  
Hole Stay With Individual Holes



Yatay ve Dikey Uzanan Delikli Alüminyum Lama  
Hole Stay With Horizontal and Vertical Elongated Holes



- Kablo ve hortum ölçülerine göre özel imalat edilebilir  
/ Available special design for your cable and hose holes

CS45 B	A	B <sub>min</sub> - B <sub>max</sub>	C	D <sub>min</sub> - D <sub>max</sub>	R
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Diş Yükseklik (mm) Outer Height (mm)	Diş Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius
CS45 B	-	80-600	63	102-622	75, 100, 150, 200, 250





# CS45 A-B-K

## CS45 K

### Kapalı Çelik Seri Closed Cover Steel Serie

Örnek Ürün Kodu  
Product No. Example

## CS45

İç Yükseklik  
Inner Height

## K

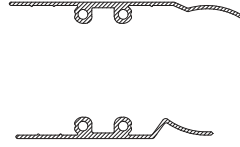
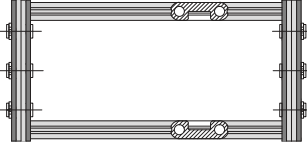
Kapalı Seri  
Closed Cover Serie

## 200

İç Genişlik  
Inner Width

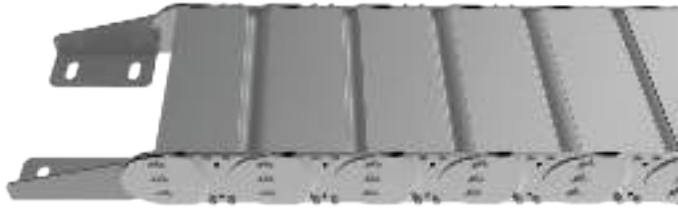
## R150

Kıvrılma Yarıçapı  
Bending Radius



- Uzun mesafelerde plastik kayar yataklar kullanılmaktadır / Plastic glides for long applications

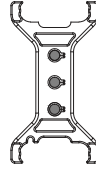
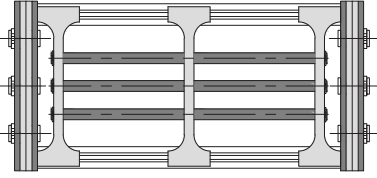
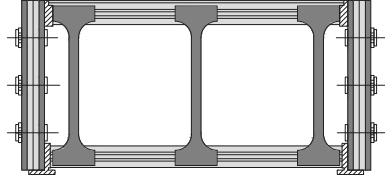
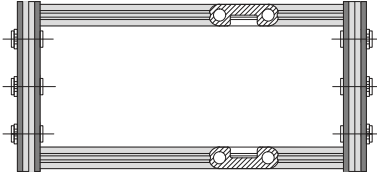
CS45 K	A	B <sub>min</sub> - B <sub>max</sub>	C	D <sub>min</sub> - D <sub>max</sub>	R
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Diş Yükseklik (mm) Outer Height (mm)	Diş Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius
CS45 K	45	80-600	63	102-622	150, 200, 250



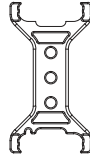
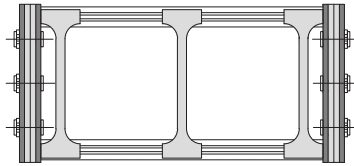
## Dikey ve Yatay Separatör Uygulamaları

Vertical and Horizontal Separator Applications

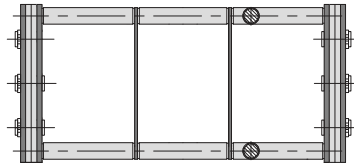
**CS45 SP**



Yatay Separatör Uygulaması  
Horizontal Separator Application



Plastik Dikey Separatör Uygulaması  
Plastic Vertical Separator Application



Çelik Dikey Separatör Uygulaması  
Steel Vertical Separator Application

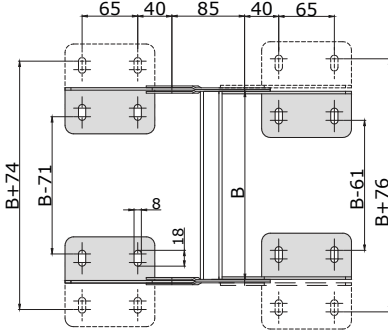


# CS45 A-B-K

## Çelik Ayak Montaj Ölçüleri

Steel End Bracket Assembly Dimensions

## CS45 M



'B' ölçüsünü ölçü tablosundan bulabilirsiniz.  
You will find the 'B' dimension from model table.

CS45 A-B

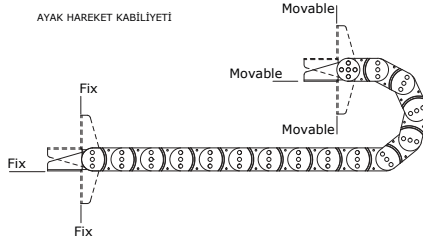


CS45 K



## Çelik Ayak Montaj Uygulaması

Steel End Bracket Assembly Application



**Projeleriniz için irtibata geçebilirsiniz.**

*Do not hesitate to contact with us to your special projects.*

# CS60 A-B-K SERİSİ

## CS60 A-B-K SERIE

### CS60 A

Açık Tip Alüminyum Çıtalı Çelik Seri  
Open Type Steel Serie

Örnek Ürün Kodu  
Product No. Example

**CS60**

İç Yükseklik  
Inner Height

**A**

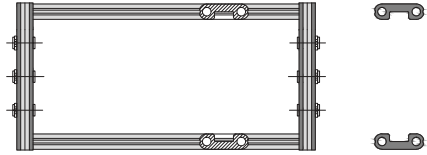
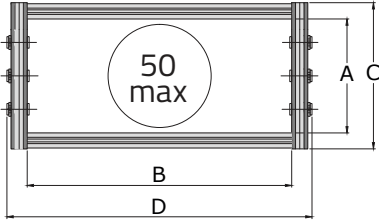
Açık Seri  
Open Serie

**200**

İç Genişlik  
Inner Width

**R150**

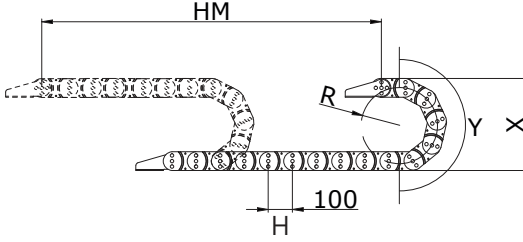
Kıvrılma Yarıçapı  
Bending Radius



CS60 A	A	B <sub>min</sub> - B <sub>max</sub>	C	D <sub>min</sub> - D <sub>max</sub>	R
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)-	Diş Yükseklik (mm) Outer Height (mm)	Diş Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius
CS60 A	60	80-600	78	102-622	100, 150, 200, 250, 300, 400



# CS60 A-B-K



- L** Kullanılacak Miktar  
Calculation of the Chain Length
- HM** Hareket Mesafesi  
Movement Distance
- X** Montaj Yüksekliği  
Mounting Height
- Y** RADIUS Mesafesi  
Radius Distance
- H** Hatve  
Pitch

$$L = HM / 2 + Y$$

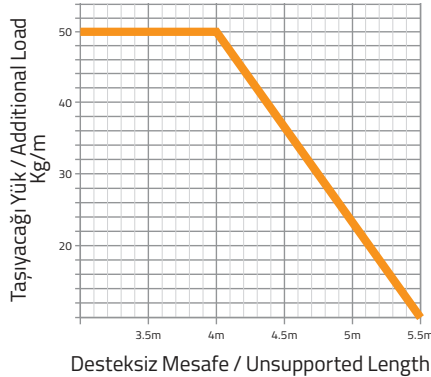
$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Kıvrılma Yarıçapı / Bending Radius	100	150	200	250	300	400
H (mm)	100	100	100	100	100	100
X (mm)	278	378	478	578	678	878
Y (mm)	314	471	628	785	942	1256

\* Kapalı serilerin radiusleri 200'den başlamaktadır /  
The Closed type product radius is started from R200

## YÜK DİYAGRAMI LOAD DIAGRAM



# CS60 B

## Özel İşlemeli Alüminyum Çelik Seri Special Design Aluminium Steel Serie

Örnek Ürün Kodu  
Product No. Example

### CS60

İç Yükseklik  
Inner Height

### B

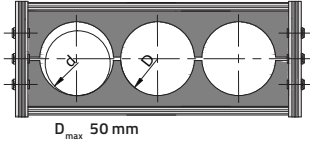
Özel Seri  
Special Design Serie

### 200

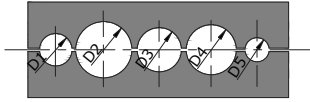
İç Genişlik  
Inner Width

### R150

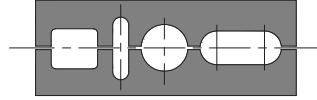
Kıvrılma Yarıçapı  
Bending Radius



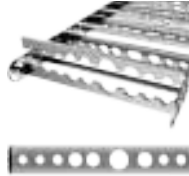
D<sub>max</sub> 50 mm



Yuvarlak Delikli Alüminyum Lama  
Hole Stay With Individual Holes



Yatay ve Dikey Uzanan Delikli Alüminyum Lama  
Hole Stay With Horizontal and Vertical Elongated Holes



- Kablo ve hortum ölçülerine göre özel imalat edilebilir  
/ Available special design for your cable and hose holes

CS60 B	A	B <sub>min</sub> - B <sub>max</sub>	C	D <sub>min</sub> - D <sub>max</sub>	R
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius
CS60 B	-	80-600	78	102-622	100, 150, 200, 250, 300, 400



# CS60 A-B-K

## CS60 K

### Kapalı Çelik Seri Closed Cover Steel Serie

Örnek Ürün Kodu  
Product No. Example

## CS60

İç Yükseklik  
Inner Height

## K

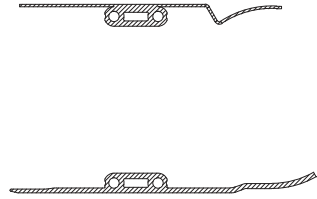
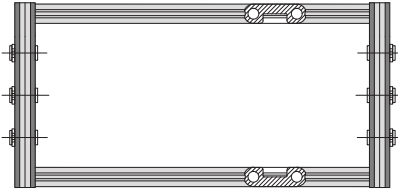
Kapalı Seri  
Closed Cover Serie

## 200

İç Genişlik  
Inner Width

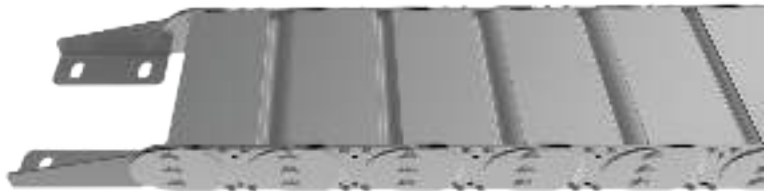
## R150

Kıvrılma Yarıçapı  
Bending Radius



- Uzun mesafelerde plastik kayar yataklar kullanılmaktadır / Plastic glides for long applications

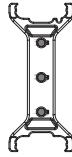
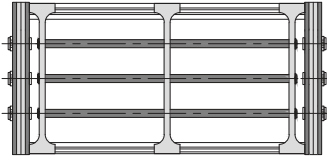
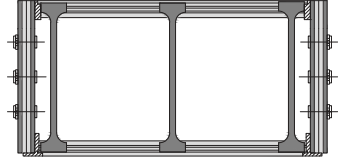
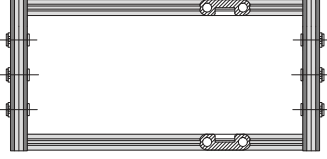
CS60 K	A	B <sub>min</sub> - B <sub>max</sub>	C	D <sub>min</sub> - D <sub>max</sub>	R
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius
CS60K	60	80-600	78	102-622	200, 250, 300, 400



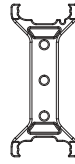
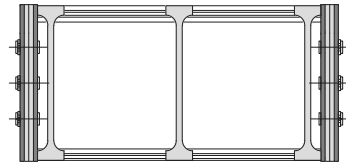
## Dikey ve Yatay Separatör Uygulamaları

*Vertical and Horizontal Separator Applications*

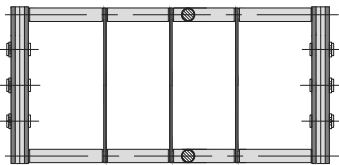
**CS60 SP**



Yatay Separatör Uygulaması  
*Horizontal Separator Application*



Plastik Dikey Separatör Uygulaması  
*Plastic Vertical Separator Application*



Çelik Dikey Separatör Uygulaması  
*Steel Vertical Separator Application*



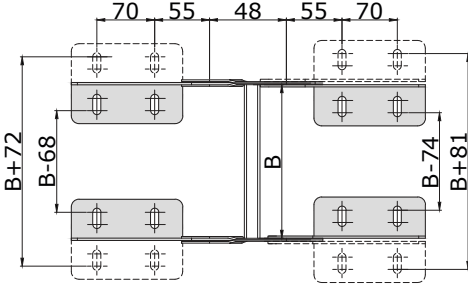


# CS60 A-B-K

## Çelik Ayak Montaj Ölçüleri

Steel End Bracket Assembly Dimensions

## CS60 M



'B' ölçüsünü ölçü tablosundan bulabilirsiniz.  
You will find the 'B' dimension from model table.

CS60 A-B

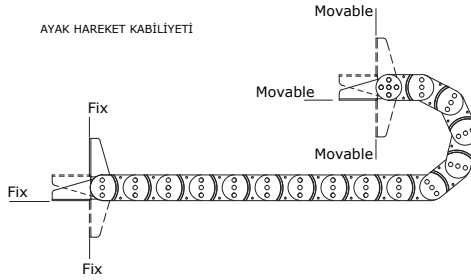


CS60 K



## Çelik Ayak Montaj Uygulaması

Steel End Bracket Assembly Application



**Projeleriniz için irtibata geçebilirsiniz.**

*Do not hesitate to contact with us to your special projects.*

# CS75 A-B-K SERİSİ

## CS75 A-B-K SERIE

### CS75 A

Açık Tip Alüminyum Çıtalı Çelik Seri  
Open Type Steel Serie

Örnek Ürün Kodu  
Product No. Example

**CS75**

İç Yükseklik  
Inner Height

**A**

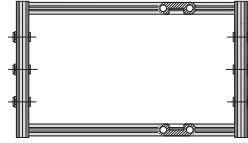
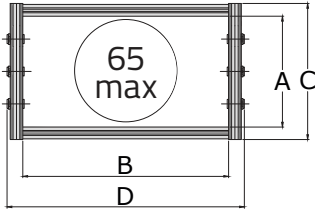
Açık Seri  
Open Serie

**200**

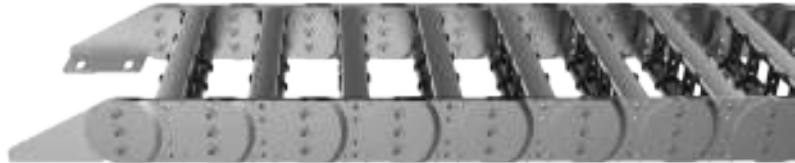
İç Genişlik  
Inner Width

**R150**

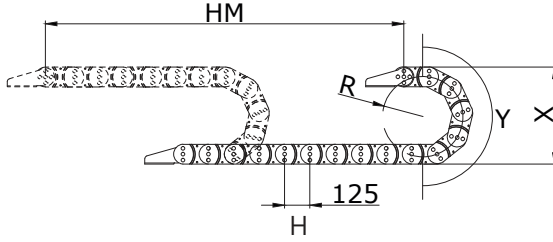
Kıvrılma Yarıçapı  
Bending Radius



CS75 A	A	B <sub>min</sub> - B <sub>max</sub>	C	D <sub>min</sub> - D <sub>max</sub>	R
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)-	Diş Yükseklik (mm) Outer Height (mm)	Diş Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius
CS75 A	75	100-800	97	132-832	150, 200, 250, 300, 450



# CS75 A-B-K



- L** Kullanılacak Miktar  
Calculation of the Chain Length
- HM** Hareket Mesafesi  
Movement Distance
- X** Montaj Yüksekliği  
Mounting Height
- Y** Radyüs Mesafesi  
Radius Distance
- H** Hatve  
Pitch

$$L = HM / 2 + Y$$

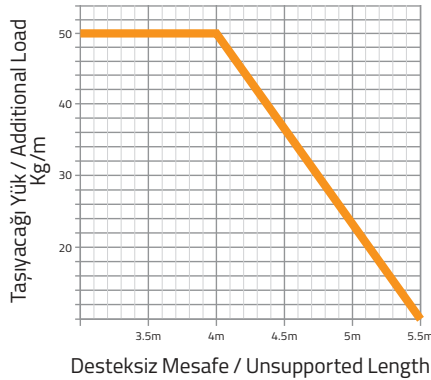
$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Kıvrılma Yarıçapı / Bending Radius	150	200	250	300	450
H (mm)	125	125	125	125	125
X (mm)	400	500	600	700	1000
Y (mm)	471	628	785	942	1413

\* Kapalı serilerin radiusleri 200'ten başlamaktadır / The Closed Cover type product radius starts from R200

## YÜK DİYAGRAMI LOAD DIAGRAM



# CS75 B

## Özel İşlemeli Alüminyum Çelik Seri Special Design Aluminium Steel Serie

Örnek Ürün Kodu  
Product No. Example

### CS75

İç Yükseklik  
Inner Height

### B

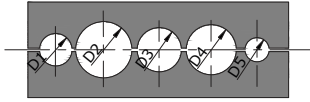
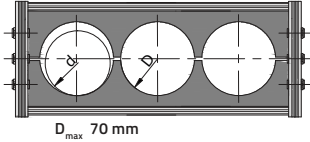
Özel Seri  
Special Design Serie

### 200

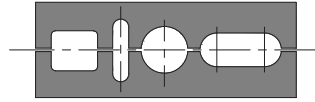
İç Genişlik  
Inner Width

### R150

Kıvrılma Yarıçapı  
Bending Radius



Yuvarlak Delikli Alüminyum Lama  
Hole Stay With Individual Holes



Yatay ve Dikey Uzanan Delikli Alüminyum Lama  
Hole Stay With Horizontal and Vertical Elongated Holes



- Kablo ve hortum ölçülerine göre özel imalat edilebilir  
/ Available special design for your cable and hose holes

CS75 B	A	B <sub>min</sub> - B <sub>max</sub>	C	D <sub>min</sub> - D <sub>max</sub>	R
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius
CS75 B	-	100-800	97	132-832	150, 200, 250, 300, 450



# CS75 A-B-K

## CS75 K

### Kapalı Çelik Seri Closed Cover Steel Serie

Örnek Ürün Kodu  
Product No. Example

## CS75

İç Yükseklik  
Inner Height

## K

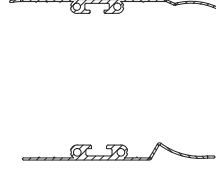
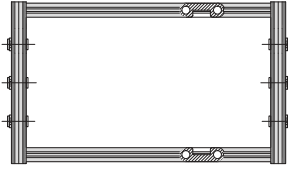
Kapalı Seri  
Closed Cover Serie

## 200

İç Genişlik  
Inner Width

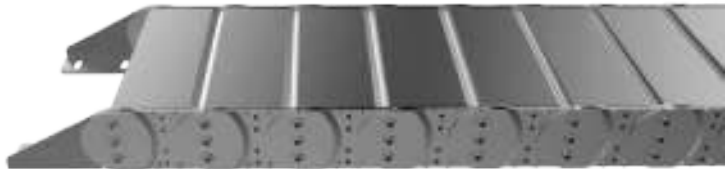
## R150

Kıvrılma Yarıçapı  
Bending Radius



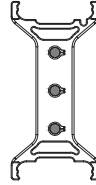
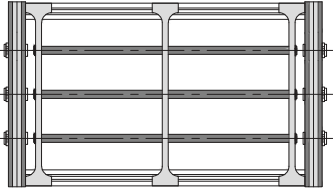
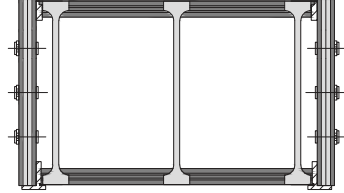
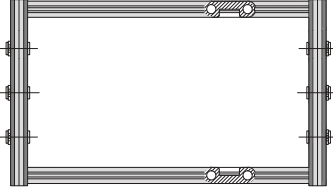
- Uzun mesafelerde plastik kayar yataklar kullanılmaktadır / Plastic glides for long applications

CS75 K	A	B <sub>min</sub> - B <sub>max</sub>	C	D <sub>min</sub> - D <sub>max</sub>	R
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius
CS75 K	75	100-800	97	132-832	200, 250, 300, 450

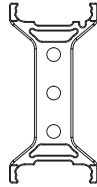
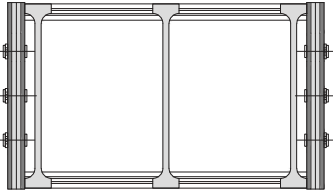


**Dikey ve Yatay Separatör Uygulamaları**  
*Vertical and Horizontal Separator Applications*

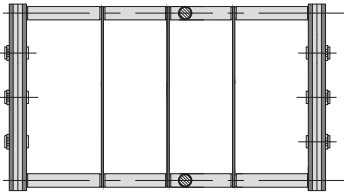
**CS75 SP**



**Yatay Separatör Uygulaması**  
*Horizontal Separator Application*



**Plastik Dikey Separatör Uygulaması**  
*Plastic Vertical Separator Application*



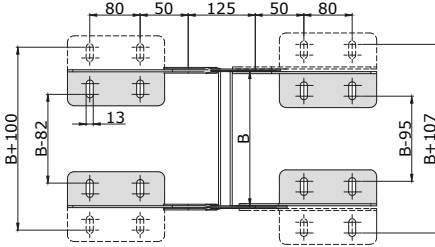
**Çelik Dikey Separatör Uygulaması**  
*Steel Vertical Separator Application*



## Çelik Ayak Montaj Ölçüleri

Steel End Bracket Assembly Dimensions

## CS75 M



'B' ölçüsünü ölçü tablosundan bulabilirsiniz.  
You will find the 'B' dimension from model table.

CS75 A-B

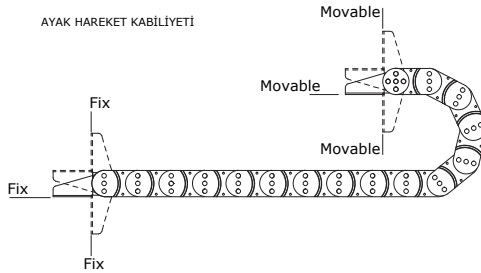


CS75 K



## Çelik Ayak Montaj Uygulaması

Steel End Bracket Assembly Application



**Projeleriniz için irtibata geçebilirsiniz.**

*Do not hesitate to contact with us to your special projects.*

# CS110 A-B-K SERİSİ

## CS110 A-B-K SERIE

### CS110 A Açık Tip Alüminyum Çıtalı Çelik Seri

Open Type Steel Serie

Örnek Ürün Kodu  
Product No. Example

**CS110**

İç Yükseklik  
Inner Height

**A**

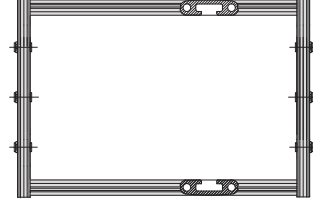
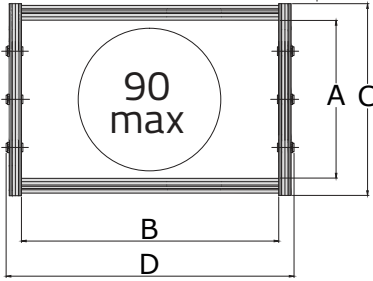
Açık Seri  
Open Serie

**400**

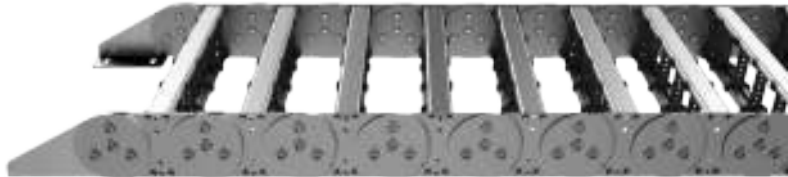
İç Genişlik  
Inner Width

**R150**

Kıvrılma Yarıçapı  
Bending Radius

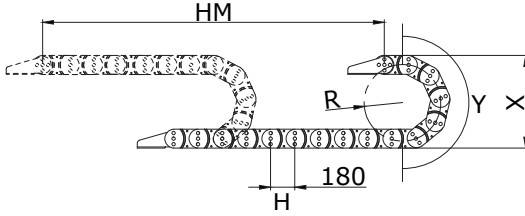


CS110 A	A	B <sub>min</sub> - B <sub>max</sub>	C	D <sub>min</sub> - D <sub>max</sub>	R
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)-	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius
CS110 A	110	200-1000	145	232-1032	250, 300, 350, 400, 500, 600, 800, 1000





# CS110 A-B-K



- L** Kullanılacak Miktar  
Calculation of the Chain Length
- HM** Hareket Mesafesi  
Movement Distance
- X** Montaj Yüksekliği  
Mounting Height
- Y** Radyüs Mesafesi  
Radius Distance
- H** Hatve  
Pitch

$$L = HM / 2 + Y$$

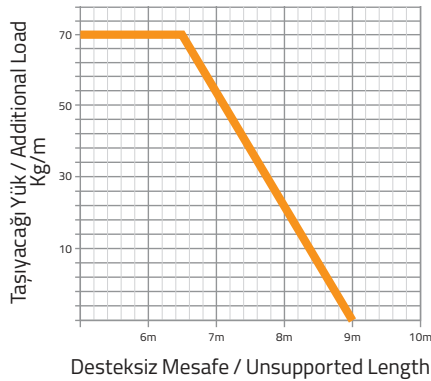
$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Kıvrılma Yarıçapı / Bending Radius	250	300	350	400	500	600	800	1000
H (mm)	180	180	180	180	180	180	180	180
X (mm)	645	745	845	945	1145	1345	1745	2145
Y (mm)	785	942	1099	1256	1570	1884	2512	3140

\* Kapalı serilerin radiusleri 400'ten başlamaktadır / The Closed Cover type product radius starts from R400

## YÜK DİYAGRAMI LOAD DIAGRAM



# CS110 B

## Özel İşlemeli Alüminyum Çelik Seri Special Design Aluminium Steel Serie

Örnek Ürün Kodu  
Product No. Example

### CS110

İç Yükseklik  
Inner Height

### B

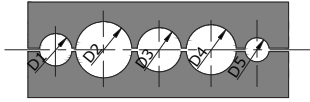
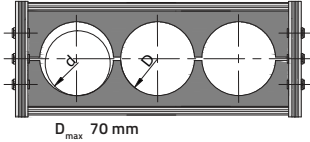
Özel Seri  
Special Design Serie

### 500

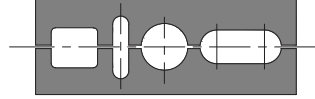
İç Genişlik  
Inner Width

### R400

Kıvrılma Yarıçapı  
Bending Radius



Yuvarlak Delikli Alüminyum Lama  
Hole Stay With Individual Holes



Yatay ve Dikey Uzanan Delikli Alüminyum Lama  
Hole Stay With Horizontal and Vertical Elongated Holes



- Kablo ve hortum ölçülerine göre özel imalat edilebilir  
/ Available special design for your cable and hose holes

CS110 B	A	B <sub>min</sub> - B <sub>max</sub>	C	D <sub>min</sub> - D <sub>max</sub>	R
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius
CS110 B	-	200-1000	145	232-1032	250, 300, 350, 400, 500, 600, 800, 1000



# CS110 A-B-K

## CS110 K

Kapalı Çelik Seri  
Closed Cover Steel Serie

Örnek Ürün Kodu  
Product No. Example

**CS110**

İç Yükseklik  
Inner Height

**K**

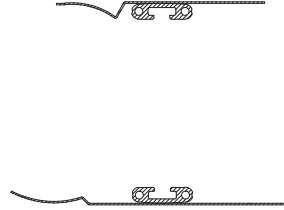
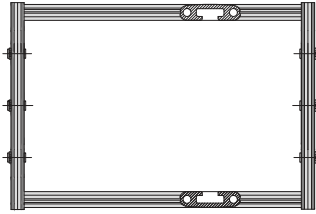
Kapalı Seri  
Closed Cover Serie

**500**

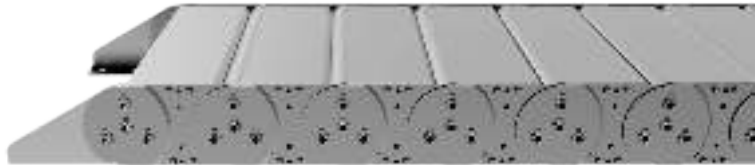
İç Genişlik  
Inner Width

**R400**

Kıvrılma Yarıçapı  
Bending Radius



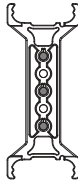
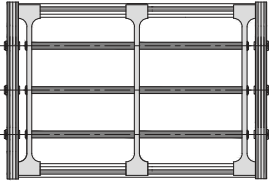
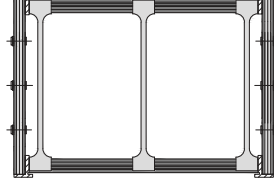
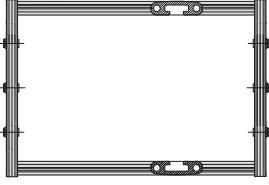
CS110 K	A	B <sub>min</sub> - B <sub>max</sub>	C	D <sub>min</sub> - D <sub>max</sub>	R
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)-	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius
CS110 K	110	200-1000	145	232-1032	400, 500, 600, 800, 1000



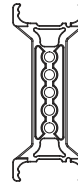
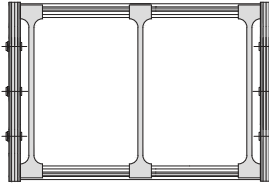
## Dikey ve Yatay Separatör Uygulamaları

*Vertical and Horizontal Separator Applications*

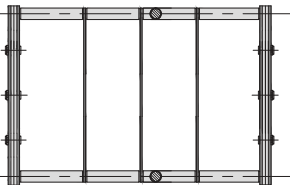
**CS110 SP**



Yatay Separatör Uygulaması  
*Horizontal Separator Application*



Plastik Dikey Separatör Uygulaması  
*Plastic Vertical Separator Application*



Çelik Dikey Separatör Uygulaması  
*Steel Vertical Separator Application*

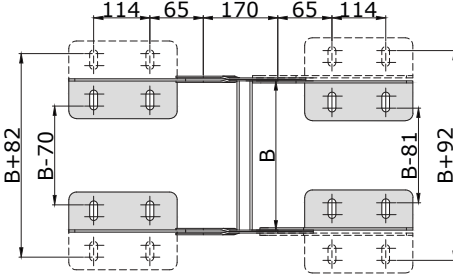


# CS110 A-B-K

## Çelik Ayak Montaj Ölçüleri

Steel End Bracket Assembly Dimensions

## CS110 M



'B' ölçüsünü ölçü tablosundan bulabilirsiniz.  
You will find the 'B' dimension from model table.

CS110 A-B

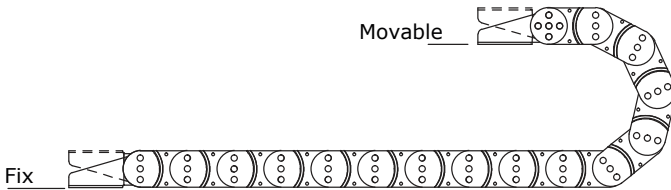


CS110 K



## Çelik Ayak Montaj Uygulaması

Steel End Bracket Assembly Application



**Projeleriniz için irtibata geçebilirsiniz.**

*Do not hesitate to contact with us to your special projects.*

# CS180 A-B-K SERİSİ

## CS180 A-B-K SERIE

### CS180 A Açık Tip Alüminyum Çıtalı Çelik Seri

#### Open Type Steel Serie

Örnek Ürün Kodu  
Product No. Example

## CS180

İç Yükseklik  
Inner Height

## A

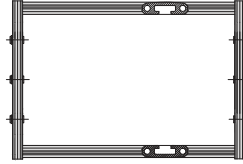
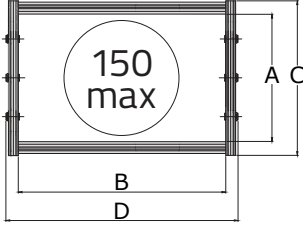
Açık Seri  
Open Serie

## 600

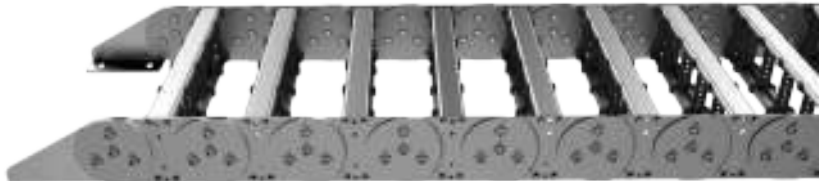
İç Genişlik  
Inner Width

## R800

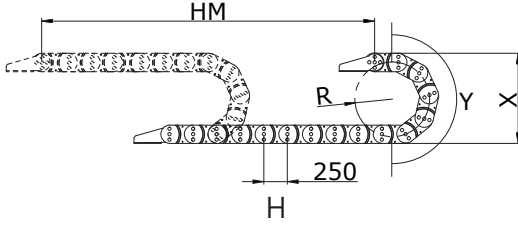
Kıvrılma Yarıçapı  
Bending Radius



CS180 A	A	B <sub>min</sub> - B <sub>max</sub>	C	D <sub>min</sub> - D <sub>max</sub>	R
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius
CS180 A	180	250-1500	220	295-1545	400, 500, 600, 700, 800, 900, 1100, 1400



# CS180 A-B-K



- L** Kullanılacak Miktar  
Calculation of the Chain Length
- HM** Hareket Mesafesi  
Movement Distance
- X** Montaj Yüksekliği  
Mounting Height
- Y** RADIUS Mesafesi  
Radius Distance
- H** Hatve  
Pitch

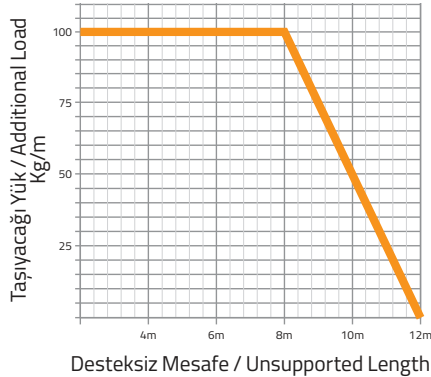
$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

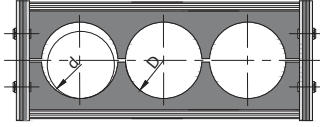
Kıvrılma Yarıçapı / Bending Radius	400	500	600	700	800	900	1100	1400
H (mm)	250	250	250	250	250	250	250	250
X (mm)	1020	1220	1420	1620	1820	2020	2420	3020
Y (mm)	1256	1570	1884	2198	2512	2826	3454	4396

## YÜK DİYAGRAMI LOAD DIAGRAM

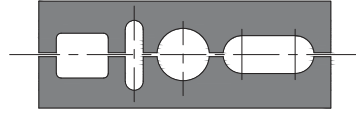


# CS180 B

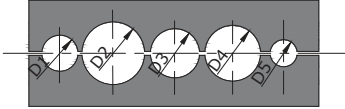
## Özel İşlemeli Alüminyum Çelik Seri Special Design Aluminium Steel Serie



$D_{max}$  160 mm



Yatay ve Dikey Uzanan Delikli Alüminyum Lama  
Hole Stay With Horizontal and Vertical Elongated Holes



Yuvarlak Delikli Alüminyum Lama  
Hole Stay With Individual Holes



- Kablo ve hortum ölçülerine göre özel imalat edilebilir  
/ Available special design for your cable and hose holes

CS180 B	A	$B_{min}$ - $B_{max}$	C	$D_{min}$ - $D_{max}$	R
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius
CS180 B	-	250-1500	220	295-1545	400, 500, 600, 700, 800, 900, 1100, 1400





# CS180 A-B-K

## CS180 K

Kapalı Çelik Seri  
Closed Cover Steel Serie

Örnek Ürün Kodu  
Product No. Example

### CS180

İç Yükseklik  
Inner Height

### K

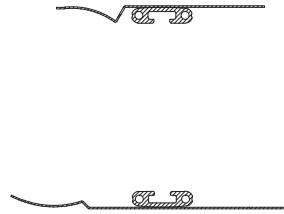
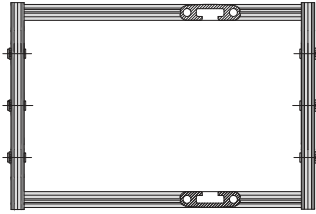
Kapalı Seri  
Closed Cover Serie

### 500

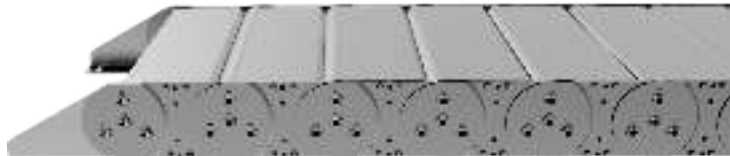
İç Genişlik  
Inner Width

### R400

Kıvrılma Yarıçapı  
Bending Radius



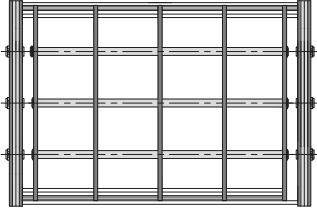
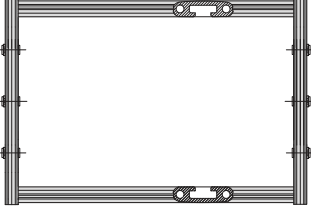
CS180 K	A	B <sub>min</sub> - B <sub>max</sub>	C	D <sub>min</sub> - D <sub>max</sub>	R
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius
CS180 K	180	250-1500	220	295-1545	400, 500, 600, 700, 800, 900, 1100, 1400



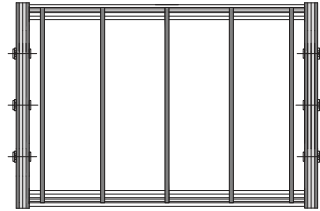
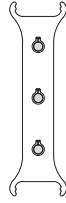
## Dikey ve Yatay Separatör Uygulamaları

Vertical and Horizontal Separator Applications

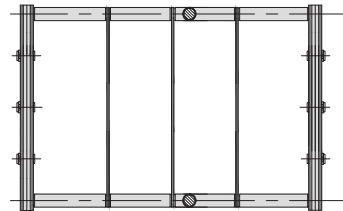
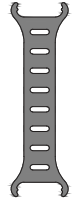
**CS180 SP**



Yatay Separatör Uygulaması  
Horizontal Separator Application



Çelik Dikey Separatör Uygulaması  
Steel Vertical Separator Application



Çelik Dikey Separatör Uygulaması  
Steel Vertical Separator Application

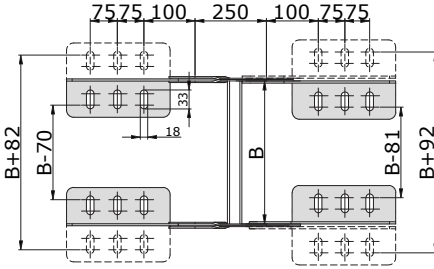


# CS180 A-B-K

## Çelik Ayak Montaj Ölçüleri

Steel End Bracket Assembly Dimensions

## CS180 M

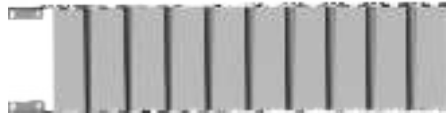


'B' ölçüsünü ölçü tablosundan bulabilirsiniz.  
You will find the 'B' dimension from model table.

CS180 A-B

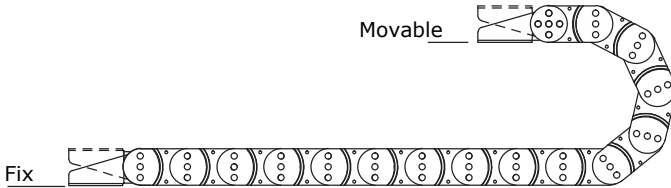


CS180 K



## Çelik Ayak Montaj Uygulaması

Steel End Bracket Assembly Application



**Projeleriniz için irtibata geçebilirsiniz.**

*Do not hesitate to contact with us to your special projects.*

# CS250 A-B SERİSİ

## CS250 A-B SERIE

### CS250 A Açık Tip Alüminyum Çıtalı Çelik Seri

#### Open Type Steel Serie

Örnek Ürün Kodu  
Product No. Example

**CS250**

İç Yükseklik  
Inner Height

**A**

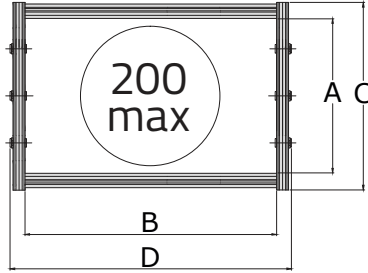
Açık Seri  
Open Serie

**600**

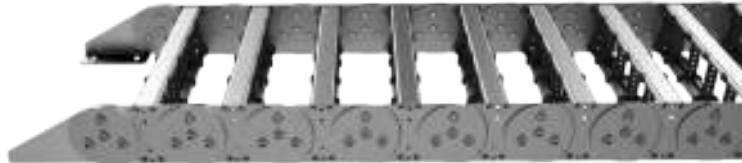
İç Genişlik  
Inner Width

**R800**

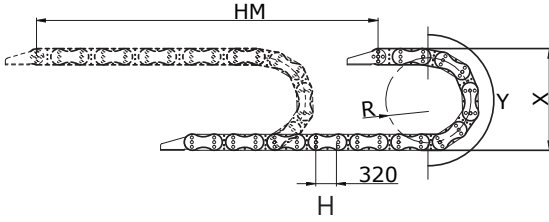
Kıvrılma Yarıçapı  
Bending Radius



CS250 A	A	B <sub>min</sub> - B <sub>max</sub>	C	D <sub>min</sub> - D <sub>max</sub>	R
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius
CS250 A	250	250-1500	290	295-1545	500, 600, 700, 800, 900, 1100, 1400



# CS250 A-B



- L** Kullanılacak Miktar  
Calculation of the Chain Length
- HM** Hareket Mesafesi  
Movement Distance
- X** Montaj Yüksekliği  
Mounting Height
- Y** Radüs Mesafesi  
Radius Distance
- H** Hatve  
Pitch

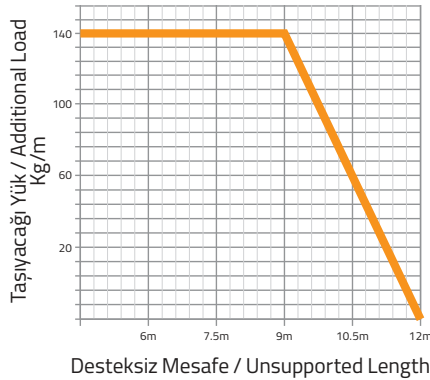
$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

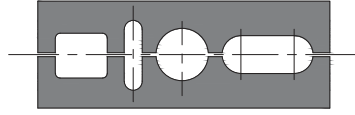
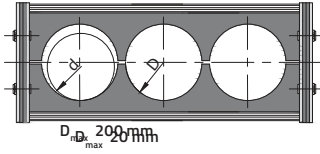
Kıvrılma Yarıçapı / Bending Radius	500	600	700	800	900	1100	1400
H (mm)	320	320	320	320	320	320	320
X (mm)	1220	1420	1620	1820	2020	2420	3020
Y (mm)	1570	1884	2198	2512	2826	3454	4396

## YÜK DİYAGRAMI LOAD DIAGRAM

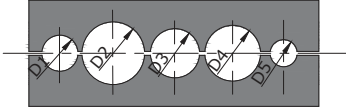


## CS250 B

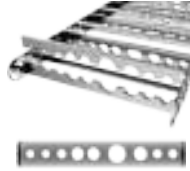
### Özel İşlemeli Alüminyum Çelik Seri Special Design Aluminium Steel Serie



Yatay ve Dikey Uzanan Delikli Alüminyum Lama  
Hole Stay With Horizontal and Vertical Elongated Holes



Yuvarlak Delikli Alüminyum Lama  
Hole Stay With Individual Holes



- Kablo ve hortum ölçülerine göre özel imalat edilebilir  
/ Available special design for your cable and hose holes

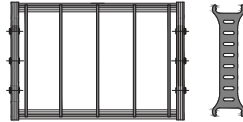
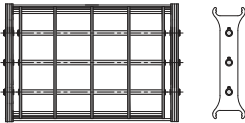
CS250 B	A	B <sub>min</sub> - B <sub>max</sub>	C	D <sub>min</sub> - D <sub>max</sub>	R
MODEL	İç Yükseklik (mm) Inner Height (mm)	İç Genişlik (mm) Inner Width (mm)	Dış Yükseklik (mm) Outer Height (mm)	Dış Genişlik (mm) Outer Width (mm)	Kıvrılma Yarıçapı Bending Radius
CS250 B	-	250-1500	290	295-1545	500, 600, 700, 800, 900, 1100, 1400

### Dikey ve Yatay Separatör Uygulamaları Vertical and Horizontal Separator Applications

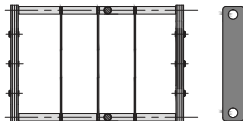
## CS250 SP



Yatay Separatör Uygulaması  
Horizontal Separator Application



Çelik Dikey Separatör Uygulaması  
Steel Vertical Separator Application

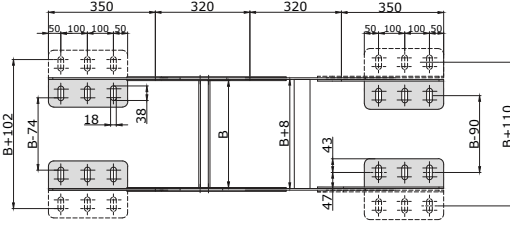


Çelik Dikey Separatör Uygulaması  
Steel Vertical Separator Application

## Çelik Ayak Montaj Ölçüleri

Steel End Bracket Assembly Dimensions

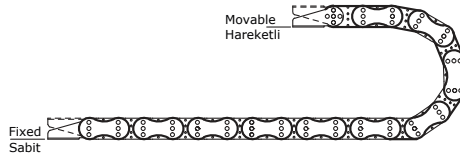
## CS250 M



'B' ölçüsünü ölçü tablosundan bulabilirsiniz.  
You will find the 'B' dimension from model table.

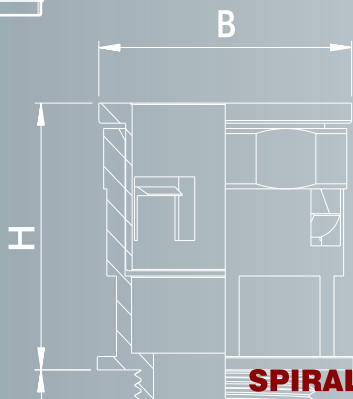
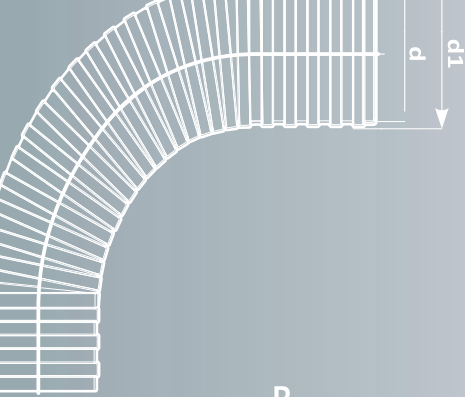
## Çelik Ayak Montaj Uygulaması

Steel End Bracket Assembly Application



**Projeleriniz için irtibata geçebilirsiniz.**

*Do not hesitate to contact with us to your special projects.*



**tacflex**

**SPIRAL CONDUITS & FITTINGS SYSTEMS**





## TACFLEX POLYAMIDE SPIRAL CONDUITS



DB Din 5510



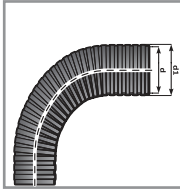

## PLASTIC SPIRAL CONDUITS PA 6

### TECHNICAL DETAILS

Material	: Polyamide PA6 V2
Color	: Grey (RAL7031) Black (RAL9005) * Orange or any other color available on request
Temperature range	: -40 °C + 120 °C
Flammability class	: UL94 V2

### Properties

High fatigue life  
High impact strength  
Halogen free  
Self extinguishing  
High abrasion resistance  
High UV resistance (black)  
Full-shrink packing



### POLYAMİD SİRAL BORU

Hammaddesi	: Polyamid PA6 V2
Renk	: RAL 7031 (Gri) RAL 9005 (Siyah)
Çalışma sıcaklığı	: -40 °C + 120 °C
Kullanım alanları	: Mekanik ve ekipman cihaz bağlantılarında makine, matbaa, otomotiv, lokomotif, tramvay, gemi otomatik makineleri, endüstriyel tesis montajlarında, aydınlatma ve elektrik pano montajlarında kullanılmaktadır.

### PA6 SPIRAL CONDUITS

PRODUCT RANGE OVERVIEW

Nominal Diameter	Gray Code	Black Code	d Ø mm.	d1 Ø mm.	Roll Length mt.
	■ RAL 7031	■ RAL 9005			
7	OGPA 7	OSPA 7	6,5	10	100
8,5	OGPA 8,5	OSPA 8,5	8,5	12	100
9	OGPA 9	OSPA 9	10	13	100
11	OGPA 11	OSPA 11	12	15,8	50
13,5	OGPA 13,5	OSPA 13,5	14,2	18,4	50
16	OGPA 16	OSPA 16	16,5	21,2	50
21	OGPA 21	OSPA 21	23,5	28,4	50
29	OGPA 29	OSPA 29	29	34,5	25
36	OGPA 36	OSPA 36	36	42,5	25
48	OGPA 48	OSPA 48	48	54,5	25

Halogen free

TACFLEX POLYAMIDE V0 SPIRAL CONDUITS



DB Din 5510



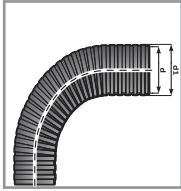
## PLASTIC SPIRAL CONDUITS PA 6 V0

### TECHNICAL DETAILS

Material	: Polyamide PA6 V0
Color	: Grey (RAL7031) Black (RAL9005) * Orange or any other color available on request
Temperature range	: -40 °C + 120 °C
Flammability class	: UL94 V0

### Properties

- High fatigue life
- High impact strength
- Halogen free
- Self extinguishing
- High abrasion resistance
- High UV resistance (black)
- Full-shrink packing



### POLYAMİD V0 SİRİAL BORU

Hammaddesi	: Polyamid PA6 V0
Renk	: RAL 7031 (Gri) : RAL 9005 (Siyah)
Çalışma sıcaklığı	: -40 °C + 120 °C
Kullanım alanları	: Mekanik ve ekipman cihaz bağlantılarında makine, matbaa, otomotiv, lokomotif, tramvay, gemi otomatik makineleri, endüstriyel tesis montajlarında, aydınlatma ve elektrik pano montajlarında kullanılmaktadır.

### PA6 SPIRAL CONDUITS

PRODUCT RANGE OVERVIEW

Nominal Diameter	Gray Code ■ RAL 7031	Black Code ■ RAL 9005	d Ø mm.	d1 Ø mm.	Roll Length mt.
7	OGPAVO 7	OSPAVO 7	6,5	10	100
8,5	OGPAVO 8,5	OSPAVO 8,5	8,5	12	100
9	OGPAVO 9	OSPAVO 9	10	13	100
11	OGPAVO 11	OSPAVO 11	12	15,8	50
13,5	OGPAVO 13,5	OSPAVO 13,5	14,2	18,4	50
16	OGPAVO 16	OSPAVO 16	16,5	21,2	50
21	OGPAVO 21	OSPAVO 21	23,5	28,4	50
29	OGPAVO 29	OSPAVO 29	29	34,5	25
36	OGPAVO 36	OSPAVO 36	36	42,5	25
48	OGPAVO 48	OSPAVO 48	48	54,5	25

Halogen free

## TACFLEX POLYAMIDE SPIRAL CONDUITS - SPLIT TYPE




 DB Din 5510



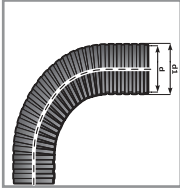

## PLASTIC SPIRAL CONDUITS PA 6 / SPLIT TYPE

### TECHNICAL DETAILS

Material : Polyamide PA6 V2/V0  
 Color : Grey (RAL7031) Black (RAL9005)  
 \* Orange or any other color available on request  
 Temperature range : -40 °C + 120 °C  
 Flammability class : UL94 V2&V0

### Properties

Slit version  
 High fatigue life  
 High impact strength  
 Halogen free  
 Self extinguishing  
 High abrasion resistance  
 High UV resistance (black)  
 Full-shrink packing



### PA6 YARIKLI TİP SİRİL BORU

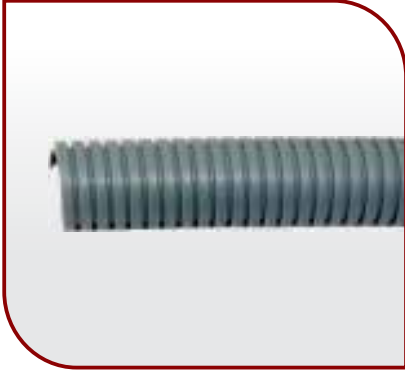
Hammaddesi : Polyamid PA6  
 Renk : RAL 7031 (Gri) RAL 9005 (Siyah)  
 Çalışma sıcaklığı : -40 °C + 120 °C  
 Kullanım alanları : Mekanik ve ekipman cihaz bağlantılarında  
 makine, matbaa, otomotiv, lokomotif, tramvay,  
 gemi otomatik makineleri, endüstriyel tesis  
 montajlarında, aydınlatma ve elektrik pano montajlarında  
 kullanılmaktadır.

### SPLIT TYPE SPA6 SPIRAL CONDUITS

PRODUCT RANGE OVERVIEW

Nominal Diameter	Gray Code	Black Code	d Ø mm.	d1 Ø mm.	Roll Length mt.
	■ RAL 7031	■ RAL 9005			
7	OGPAY 7	OSPAY 7	6,5	10	100
8,5	OGPAY 8,5	OSPAY 8,5	8,5	12	100
9	OGPAY 9	OSPAY 9	10	13	100
11	OGPAY 11	OSPAY 11	12	15,8	50
13,5	OGPAY 13,5	OSPAY 13,5	14,2	18,4	50
16	OGPAY 16	OSPAY 16	16,5	21,2	50
21	OGPAY 21	OSPAY 21	23,5	28,4	50
29	OGPAY 29	OSPAY 29	29	34,5	25
36	OGPAY 36	OSPAY 36	36	42,5	25
48	OGPAY 48	OSPAY 48	48	54,5	25

Halogen free



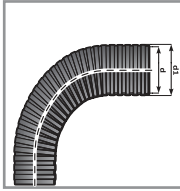
## PLASTIC SPIRAL CONDUITS POLYPROPYLENE

### TECHNICAL DETAILS

Material	: Polypropylene
Color	: Grey (RAL7031) Black (RAL9005) * Orange or any other color available on request
Temperature range	: -20 °C +90 °C

### Properties

Self extinguishing  
Full-shrink packing  
Acid resistance



### PP SİRAL BORU

Hammaddesi	: Polipropilen
Renk	: RAL 7031 (Gri) : RAL 9005 (Siyah)
Çalışma sıcaklığı	: -20 °C + 90 °C
Kullanım alanları	: Mekanik ve ekipman cihaz bağlantılarında makine, matbaa, otomotiv, lokomotif, tramvay, gemi otomatik makineleri, endüstriyel tesis montajlarında, aydınlatma ve elektrik pano montajlarında kullanılmaktadır.

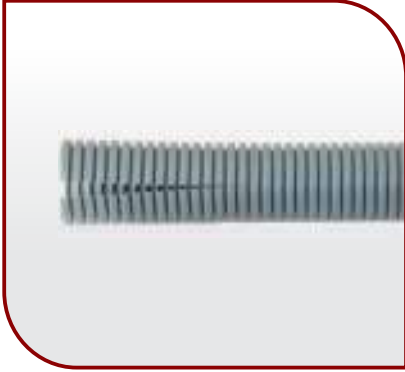
### PP SPIRAL CONDUITS

PRODUCT RANGE OVERVIEW

Nominal Diameter	Gray Code ■ RAL 7031	Black Code ■ RAL 9005	d Ø mm.	d1 Ø mm.	Roll Length mt.
7	OGPP 7	OSPP 7	6,5	10	100
8,5	OGPP 8,5	OSPP 8,5	8,5	12	100
9	OGPP 9	OSPP 9	10	13	100
11	OGPP 11	OSPP 11	12	15,8	50
13,5	OGPP 13,5	OSPP 13,5	14,2	18,4	50
16	OGPP 16	OSPP 16	16,5	21,2	50
21	OGPP 21	OSPP 21	23,5	28,4	50
29	OGPP 29	OSPP 29	29	34,5	25
36	OGPP 36	OSPP 36	36	42,5	25
48	OGPP 48	OSPP 48	48	54,5	25

## TACFLEX PP SPIRAL - SPLIT TYPE





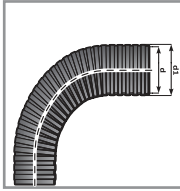
## PLASTIC SPIRAL CONDUITS PP / SPLIT TYPE

### TECHNICAL DETAILS

Material	: Polypropylene
Color	: Grey (RAL7031) Black (RAL9005) * Orange or any other color available on request
Temperature range	: -20 °C +90 °C

### Properties

Slit version  
Self extinguishing  
Full-shrink packing  
Acid resistance



### PP YARIKLI TİP SİRİL BORU

Hammaddesi	: Polipropilen
Renk	: RAL 7031 (Gri) : RAL 9005 (Siyah)
Çalışma sıcaklığı	: -20 °C + 90 °C
Kullanım alanları	: Mekanik ve ekipman cihaz bağlantılarında makine, matbaa, otomotiv, lokomotif, tramvay, gemi otomatik makineleri, endüstriyel tesis montajlarında, aydınlatma ve elektrik pano montajlarında kullanılmaktadır.

### SPLIT TYPE PP SPIRAL CONDUITS

PRODUCT RANGE OVERVIEW

Nominal Diameter	Gray Code	Black Code	d	d1	Roll Length mt.
	■ RAL 7031	■ RAL 9005	Ø mm.	Ø mm.	
7	OGPPY 7	OSPPY 7	6,5	10	100
8,5	OGPPY 8,5	OSPPY 8,5	8,5	12	100
9	OGPPY 9	OSPPY 9	10	13	100
11	OGPPY 11	OSPPY 11	12	15,8	50
13,5	OGPPY 13,5	OSPPY 13,5	14,2	18,4	50
16	OGPPY 16	OSPPY 16	16,5	21,2	50
21	OGPPY 21	OSPPY 21	23,5	28,4	50
22	OGPPY 22	OSPPY 22	22	27,5	50
29	OGPPY 29	OSPPY 29	29	34,5	25
36	OGPPY 36	OSPPY 36	36	42,5	25
48	OGPPY 48	OSPPY 48	48	54,5	25

TACFLEX PVC SPIRAL CONDUITS



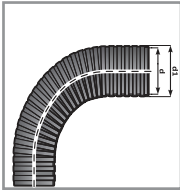
## PLASTIC SPIRAL CONDUITS PVC

### TECHNICAL DETAILS

Material : PVC  
 Color : Grey (RAL7035) Black (RAL9005)  
 Temperature range : -5 °C + 70 °C  
 Standards : EN50086-1 (CEI 23-29)  
 : EN50086-2-3 (CEI 23-56)  
 : EN613086-1-2-3  
 Compression resistance : 320N

### Properties

30 mt. Roll length



### PVC SİRAL BORU

Hammaddesi : Sert PVC  
 Renk : RAL 7035 (Gri)  
 İzolasyona dayanıklılık : > 100 MΩ  
 Basınca dayanıklılık : 350 N  
 Sürekli ısıya direnci : -5 °C + 70 °C  
 Referans standartları : EN50086-1 (CEI 23-29)  
 : EN50086-2-3 (CEI 23-56)  
 IEC EN61386-1-2-3

### PVC SPIRAL CONDUITS

PRODUCT RANGE OVERVIEW

Gray Code ■ RAL 7031	d Ø mm.	d1 Ø mm.	Roll Length mt.
GGX 8	8	12	30
GGX 10	10	14,5	30
GGX 12	12	16,3	30
GGX 14	14	18,6	30
GGX 16	16	20,5	30
GGX 20	20	24,7	30
GGX 22	22	27	30
GGX 25	25	30,3	30
GGX 28	28	33,2	30
GGX 30	30	36	30
GGX 32	32	37,5	30
GGX 35	35	40,5	30
GGX 38	38	44,1	30
GGX 40	40	46,2	30
GGX 45	45	51,8	30
GGX 50	50	57	30

## TACFLEX POLYAMIDE CONDUIT GLANDS



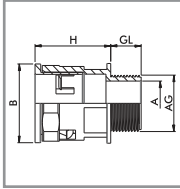

## POLYAMIDE CONDUIT GLANDS METRIC THREAD

### TECHNICAL DETAILS

Material : Polyamide PA6 V2  
 Connection thread : Metric (EN 60423)  
 Color : Grey (RAL7031) Black (RAL9005)  
 Temperature range : -40 °C +120 °C

### Properties

UV resistance (black)  
 Easy to assemble  
 Halogen free  
 Apply with either PA or PP conduits



### GEÇMELİ TIP SİRİAL BORU RAKORU

Ham maddesi : Polyamid  
 Renk : RAL 7031 (Gri)  
 RAL 9005 (Siyah)  
 Bağlantı dişi M : EN 60423  
 Çalışma sıcaklığı : -40 °C + 120 °C

### METRIC CONDUIT GLANDS

AG mm.	Gray Code ■ RAL 7031	Black Code ■ RAL 7031	Spiral Diameter mm.	H mm.	GL mm.	A mm.	B mm.	mm.
M 12 x 1,5	ODG10-M12	ODB10-M12	6,5 x 10	26	11	6,9	18,7	15
M 12 x 1,5	ODG12-M12	ODB12-M12	8,5 x 12	26	11	8,2	20,7	17
M 16 x 1,5	ODG13-M16	ODB13-M16	10 x 13	26	11	10,8	21,7	18
M 16 x 1,5	ODG15-M16	ODB15-M16	12 x 15,8	26,5	11	10,9	26	20
M 20 x 1,5	ODG18-M20	ODB18-M20	14,2 x 18,4	31	11	14,7	28	23
M 20 x 1,5	ODG21-M20	ODB21-M20	16,5 x 21,2	33	13	15,2	32	27
M 25 x 1,5	ODG28-M25	ODB28-M25	23 x 28,4	39	16	18,7	39,5	34
M 32 x 1,5	ODG34-M32	ODB34-M32	29 x 34,5	43	16	25,7	46,5	40
M 40 x 1,5	ODG42-M40	ODB42-M40	36 x 42,5	45,5	16	32,7	55,5	50
M 63 x 1,5	ODG54-M63	ODB54-M63	48 x 54,5	47,5	16	51,4	67,5	62

### SPECIAL SIZE METRIC

M 12 x 1,5	ODG13-M12	ODB13-M12	10 x 13	26	11	8	21,7	18
M 20 x 1,5	ODG13-M20	ODB13-M20	10 x 13	26	11	10,5	21,7	18
M 20 x 1,5	ODG15-M20	ODB15-M20	12 x 15,8	26,5	11	13	26	20
M 16 x 1,5	ODG18-M16	ODB18-M16	14,2 x 18,4	31	11	10,3	28	23
M 25 x 1,5	ODG21-M25	ODB21-M25	16,5 x 21,2	33	13	18,6	32	27
M 32 x 1,5	ODG28-M32	ODB28-M32	23 x 28,4	39	16	26,8	39,5	34
M 40 x 1,5	ODG34-M40	ODB34-M40	29 x 34,5	43	16	32,6	46,5	40
M 50 x 1,5	ODG42-M50	ODB42-M50	36 x 42,5	45,5	16	40,2	55,5	50
M 50 x 1,5	ODG54-M50	ODB54-M50	48 x 54,5	47,5	16	43,1	67,5	62

PRODUCT RANGE OVERVIEW

Halogen free

TACFLEX POLYAMIDE CONDUIT GLANDS



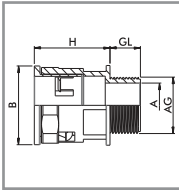
## POLYAMIDE CONDUIT GLANDS PG THREAD

### TECHNICAL DETAILS

Material : Polyamide PA6 V2  
 Connection thread : PG (EN 60423)  
 Color : Grey (RAL7031) Black (RAL9005)  
 Temperature range : -40 °C + 120 °C

### Properties

UV resistance (black)  
 Easy to assemble  
 Halogen free  
 Apply with either PA or PP conduits



### GEÇMELİ TİP SİRİAL BORU RAKORU

Hammaddesi : Polyamid  
 Renk : RAL 7031 (Gri)  
 RAL 9005 (Siyah)  
 Bağlantı dişi PG : DIN 40430  
 Çalışma sıcaklığı : -40 °C + 120 °C

### PG CONDUIT GLANDS

PRODUCT RANGE OVERVIEW

AG mm.	Gray Code ■ RAL 7031	Black Code ■ RAL 7031	Spiral Dismeter mm.	H mm.	GL mm.	A mm.	B mm.	Ø mm.
PG 7	ODG10-PG7	ODB10-PG7	6,5 x 10	26	11	6,9	18,7	15
PG 7	ODG12-PG7	ODB12-PG7	8,5 x 12	26	11	8,2	20,7	17
PG 9	ODG13-PG9	ODB13-PG9	10 x 13	26	11	10,3	21,7	18
PG 11	ODG15-PG11	ODB15-PG11	12 x 15,8	26,5	11	13,3	26	20
PG 13,5	ODG18-PG13,5	ODB18-PG13,5	14,2 x 18,4	31	11	15,3	28	23
PG 16	ODG21-PG16	ODB21-PG16	16,5 x 21,2	33	13	16,6	32	27
PG 21	ODG28-PG21	ODB28-PG21	23 x 28,4	39	16	22,3	39,5	34
PG 29	ODG34-PG29	ODB34-PG29	29 x 34,5	43	16	31,7	46,5	40
PG 36	ODG42-PG36	ODB42-PG36	36 x 42,5	45,5	16	40,5	55,5	50
PG 48	ODG54-PG48	ODB54-PG48	48 x 54,5	47,5	16	51,7	67,5	62
SPECIAL SIZE PG								
PG 7	ODG13-PG7	ODB13-PG7	10 x 13	26	11	8	21,7	18
PG 11	ODG13-PG11	ODB13-PG11	10 x 13	26	11	10,6	21,7	18
PG 13,5	ODG13-PG13,5	ODB13-PG13,5	10 x 13	26	11	10,6	21,7	18
PG 9	ODG15-PG9	ODB15-PG9	12 x 15,8	26,5	11	11,8	26	20
PG 13,5	ODG15-PG13,5	ODB15-PG13,5	12 x 15,8	26,5	11	13	26	20
PG 9	ODG18-PG9	ODB18-PG9	14,2 x 18,4	31	11	11,8	28	23
PG 11	ODG18-PG11	ODB18-PG11	14,2 x 18,4	31	11	13,8	28	23
PG 13,5	ODG21-PG13,5	ODB21-PG13,5	16,5 x 21,2	33	13	15,9	32	27

Halogen free



## TACFLEX POLYAMIDE CONDUIT GLANDS - 90° ELBOW



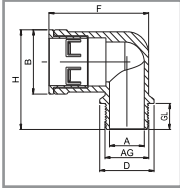

## POLYAMIDE CONDUIT GLANDS 90° ELBOW TYPE

### TECHNICAL DETAILS

Material : Polyamide PA6 V2  
 Connection thread : Metric (EN 60423)/PG (DIN 40430)  
 Color : Grey (RAL7031) Black (RAL9005)  
 Temperature range : -40 °C +120 °C

### Properties

UV resistance (black)  
 Easy to assemble  
 Halogen free  
 Apply with either PA or PP conduits



### 90° DİRSEK SİRAL BORU RAKORU

Hammaddesi : Polyamid  
 Renk : RAL 7031 (Gri)  
 RAL 9005 (Siyah)  
 Bağlantı dişi M : EN 60423  
 Bağlantı dişi PG : DIN 40430  
 Çalışma sıcaklığı : -40 °C +120 °C

### METRIC/PG CONDUIT GLANDS

PRODUCT RANGE OVERVIEW

AG mm.	Gray Code ■ RAL 7031	Black Code ■ RAL 7031	Spiral Diameter mm.	H mm.	GL mm.	A mm.	B mm.	B mm.	B mm.	Halogen free
M 12 x 1,5	ODDG10-M12	ODDB10-M12	6,5 x 10	36,3	11	8,2	18,7	17	35,7	
M 12 x 1,5	ODDG12-M12	ODDB12-M12	8,5 x 12	37,3	11	8,2	20,7	17	35,7	
M 16 x 1,5	ODDG13-M16	ODDB13-M16	10 x 13	37,3	11	10,8	21,7	20	38,5	
M 16 x 1,5	ODDG15-M16	ODDB15-M16	12 x 15,8	41	11	10,9	26	23	43,8	
M 20 x 1,5	ODDG18-M20	ODDB18-M20	14,2 x 18,4	44	11	14,7	28	26	46	
M 20 x 1,5	ODDG21-M20	ODDB21-M20	16,5 x 21,2	51,5	13	15,2	32	29	51	
M 25 x 1,5	ODDG28-M25	ODDB28-M25	23 x 28,4	61,2	16	18,7	39,5	35	64,3	
M 32 x 1,5	ODDG34-M32	ODDB34-M32	29 x 34,5	69,2	16	25,2	46,5	43	70,9	
M 40 x 1,5	ODDG42-M40	ODDB42-M40	36 x 42,5	78,2	16	32,7	55,5	54	88,6	
M 63 x 1,5	ODDG54-M63	ODDB54-M63	48 x 54,5	91,2	16	55,2	67,5	69	95	
PG 7	ODDG10-PG 7	ODDB10-PG 7	6,5 x 10	36,3	11	8,2	18,7	17	35,7	
PG 7	ODDG12-PG 7	ODDB12-PG 7	8,5 x 12	37,3	11	8,2	20,7	17	35,7	
PG 9	ODDG13-PG 9	ODDB13-PG 9	10 x 13	37,3	11	10,3	21,7	20	38,5	
PG 11	ODDG15-PG 11	ODDB15-PG 11	12 x 15,8	41	11	13,3	26	23	43,8	
PG 13,5	ODDG18-PG 13,5	ODDB18-PG 13,5	14,2 x 18,4	44	11	15,3	28	26	46	
PG 16	ODDG21-PG 16	ODDB21-PG 16	16,5 x 21,2	51,5	13	16,6	32	29	51	
PG 21	ODDG28-PG 21	ODDB28-PG 21	23 x 28,4	61,2	16	22,4	39,5	35	64,3	
PG 29	ODDG34-PG 29	ODDB34-PG 29	29 x 34,5	69,2	16	31,7	46,5	43	70,9	
PG 36	ODDG42-PG 36	ODDB42-PG 36	36 x 42,5	78,2	16	40,5	55,5	54	88,6	
PG 48	ODDG54-PG 48	ODDB54-PG 48	48 x 54,5	91,2	16	51,7	67,5	69	95	

TACFLEX PA6 CONDUIT GLANDS WITH CABLE HOLDER



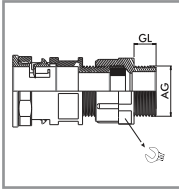
## POLYAMIDE CONDUIT GLANDS WITH CABLE HOLDER

### TECHNICAL DETAILS

Material	: Polyamide PA6 V2
Connection thread	: Metric (EN 60423)/PG (DIN 40430)
Color	: Grey (RAL7031) Black (RAL9005)
Temperature range	: -40 °C + 120 °C
Protection class	: IP54

### Properties

UV resistance (black)  
Easy to assemble  
Halogen free  
Apply with either PA or PP conduits



### KABLO TUTUCULU GEÇMELİ TİP SİRAL BORU RAKORU

Hammaddesi	: Polyamid
Renk	: RAL 7031 (Gri) RAL 9005 (Siyah)
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430
Çalışma sıcaklığı	: -40 °C + 120 °C

### PG/METRIC CONDUIT GLANDS

PRODUCT RANGE OVERVIEW

AG mm.	Gray Code ■ RAL 7031	Black Code ■ RAL 9005	Spiral Diameter mm.	GL mm.	Ø mm.	Ø <sub>4</sub> mm.	Halogen free
M 12 x 1,5	ODGR10-M12	OBGR10-M12	6,5 x 10	8	15	3,5 - 6	
M 12 x 1,5	ODGR12-M12	OBGR12-M12	8,5 x 12	8	15	3,5 - 6	
M 16K x 1,5	ODGR13-M16K	OBGR13-M16K	10 x 13	8	19	4,5 - 7	
M 16K x 1,5	ODGR15-M16K	OBGR15-M16K	12 x 15,8	8	19	4,5 - 7	
M 16K x 1,5	ODGR18-M16K	OBGR18-M16K	14,2 x 18,4	8	19	4,5 - 7	
M 16 x 1,5	ODGR13-M16	OBGR13-M16	10 x 13	8	22	6 - 9	
M 16 x 1,5	ODGR15-M16	OBGR15-M16	12 x 15,8	8	22	6 - 9	
M 16 x 1,5	ODGR18-M16	OBGR18-M16	14,2 x 18,4	8	22	6 - 9	
M 20K x 1,5	ODGR13-M20K	OBGR13-M20K	10 x 13	9	24	9 - 12	
M 20K x 1,5	ODGR15-M20K	OBGR15-M20K	12 x 15,8	9	24	9 - 12	
M 20K x 1,5	ODGR18-M20K	OBGR18-M20K	14,2 x 18,4	9	24	9 - 12	
M 20K x 1,5	ODGR21-M20K	OBGR21-M20K	16,5 x 21,2	9	24	9 - 12	
M 20 x 1,5	ODGR21-M20	OBGR21-M20	16,5 x 21,2	10	27	11 - 14	
M 25 x 1,5	ODGR28-M25	OBGR28-M25	23 x 28,4	11	33	14 - 18	
PG 7	ODGR10-PG7	OBGR10-PG7	6,5 x 10	8	15	3,5 - 6	
PG 7	ODGR12-PG7	OBGR12-PG7	8,5 x 12	8	15	3,5 - 6	
PG 9	ODGR13-PG9	OBGR13-PG9	10 x 13	8	19	4,5 - 7	
PG 9	ODGR15-PG9	OBGR15-PG9	12 x 15,8	8	19	4,5 - 7	
PG 9	ODGR18-PG9	OBGR18-PG9	14,2 x 18,4	8	19	4,5 - 7	
PG 11	ODGR13-PG11	OBGR13-PG11	10 x 13	8	22	6 - 9	
PG 11	ODGR15-PG11	OBGR15-PG11	12 x 15,8	8	22	6 - 9	
PG 11	ODGR18-PG11	OBGR18-PG11	14,2 x 18,4	8	22	6 - 9	
PG 13,5	ODGR13-PG13,5	OBGR13-PG13,5	10 x 13	9	24	9 - 12	
PG 13,5	ODGR15-PG13,5	OBGR15-PG13,5	12 x 15,8	9	24	9 - 12	
PG 13,5	ODGR18-PG13,5	OBGR18-PG13,5	14,2 x 18,4	9	24	9 - 12	
PG 13,5	ODGR21-PG13,5	OBGR21-PG13,5	16,5 x 21,2	9	24	9 - 12	
PG 16	ODGR21-PG16	OBGR21-PG16	16,5 x 21,2	10	27	11 - 14	
PG 21	ODGR28-PG21	OBGR28-PG21	23 x 28,4	11	33	14 - 18	
PG 29	ODGR34-PG29	OBGR34-PG29	29 x 34,5	11	42	18 - 25	
PG 36	ODGR42-PG36	OBGR42-PG36	36 x 42,5	13	53	25 - 32	

## TACFLEX POLYAMIDE CLIPS



**tacflex**



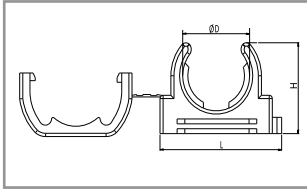
## POLYAMIDE CLIPS FOR SPIRAL CONDUITS

### TECHNICAL DETAILS

Material : Polyamide PA6 V2  
Color : Grey (RAL7031) Black (RAL9005)  
Temperature range : -40 °C +120 °C

### Properties

UV resistance (black)  
Easy to assemble  
Halogen free  
Apply with either PA or PP conduits



### POLYAMİD KAPAKLI KLİPS

Hammaddesi : Polyamid PA6  
Renk : RAL 7031 (Gri)  
RAL 9005 (Siyah)  
Çalışma sıcaklığı : -40 °C +120 °C  
Özellikler : Kapak atmama özelliği  
Yan yana takılabilme özelliği  
Alt - üst'ten spiral tutma özelliği

### POLYAMIDE CLIPS

PRODUCT RANGE OVERVIEW

Gray Code	Black Code	Spiral Code	L mm.	H mm.	Ø D mm.
■ RAL 7031	■ RAL 9005				
ODGK 10	ODBK 10	OGPA 7	24,5	15	10
ODGK 13	ODBK 13	OGPA 9	24,5	15	13
ODGK 15	ODBK 15	OGPA 11	30	21	15,8
ODGK 18	ODBK 18	OGPA 13,5	34	24	18,5
ODGK 21	ODBK 21	OGPA 16	39	28	21,5
ODGK28	ODBK28	OGPA 21	51	37	28,5
ODGK34	ODBK34	OGPA 29	62	45,5	35
ODGK 42	ODBK 42	OGPA 36	74,5	55,5	42,5
ODGK 54	ODBK 54	OGPA 48	95,5	71	55

Halogen free

TACFLEX CONDUIT GLANDS FOR PVC SPIRAL



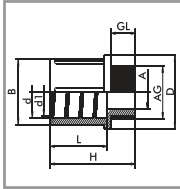
**POLYAMIDE CONDUIT GLANDS  
FOR PVC / METAL PIPES**

**TECHNICAL DETAILS**

Material : Polyamide PA6 V2  
 Connection thread : Metric (EN60423)/ PG (DIN40430)  
 Color : Grey (RAL7001/7035) Black (RAL9005)  
 Temperature range : -40 °C + 120 °C

**Properties**

UV resistance (black)  
 Easy to assemble  
 Halogen free  
 Apply with either plastic or metal conduits



**PVC SİRAL BORU RAKORLARI**

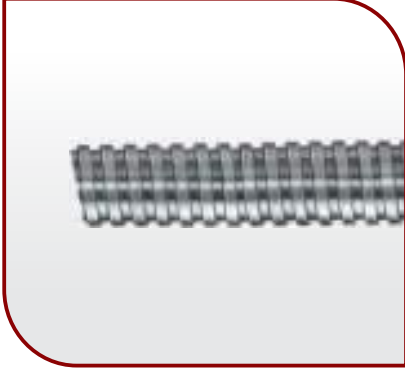
Hammaddesi : Polyamid  
 Renk : RAL 7001 (Gri)  
 RAL 7035 (A. Gri)  
 RAL 9005 (Siyah)  
 Bağlantı dişi M : EN 60423  
 Bağlantı dişi PG : DIN 40430  
 Çalışma sıcaklığı : -40 °C + 120 °C

**METRIC/PG CONDUIT GLANDS**

PRODUCT RANGE OVERVIEW

AG Thread	Gray Code RAL 7001	L. Gray Code RAL 7035	Black Code RAL 9005	A mm.	B mm.	D mm.	GL mm.	H mm.	L mm.	d mm.	d1 mm.	Halogen free
M 12 x 1,5	MHG 01	MHL 01	MHB 01	7	16	17,5	8	29	20	13,3	11,6	
M 16 x 1,5	MHG 02	MHL 02	MHB 02	10	19	20	8	29	20	15,8	13,6	
M 16 x 1,5	MHG 03	MHL 03	MHB 03	11	22,5	24	8	32	23	20	17,7	
M 20 x 1,5	MHG 04	MHL 04	MHB 04	13	24,5	26	9	34	24	21,8	18,8	
M 20 x 1,5	MHG 05	MHL 05	MHB 05	15	26	27,5	10	35	24	23,5	20,7	
M 25 x 1,5	MHG 06	MHL 06	MHB 06	19	32	33,5	11	38	25,5	29,2	26,5	
M 40 x 1,5	MHG 07	MHL 07	MHB 07	31,5	41	42	11	43	30,5	38	34,7	
M 50 x 1,5	MHG 08	MHL 08	MHB 08	40,8	51,8	53	14	54	33	47,6	42,9	
M 63 x 1,5	MHG 09	MHL 09	MHB 09	50	62	64	14	57	37	57,7	53,3	
SPECIAL SIZE												
M 20 x 1,5	MHG 10	MHL 10	MHB 10	14,5	22,5	24	8	32	23	20	17	
M 25 x 1,5	MHG 11	MHL 11	MHB 11	17,5	26	27,5	10	35	24	23,5	20,7	
M 32 x 1,5	MHG 12	MHL 12	MHB 12	26,7	32	33,5	11	38	25,5	29,2	26,5	
PG 7	OHG 01	OHL 01	OHB 01	7	16	17,5	8	29	20	13,3	11,6	
PG 9	OHG 02	OHL 02	OHB 02	10	19	20	8	29	20	15,8	13,6	
PG 11	OHG 03	OHL 03	OHB 03	13,5	22,5	24	8	32	23	20	17,7	
PG 13,5	OHG 04	OHL 04	OHB 04	14	24,5	26	9	34	24	21,8	18,8	
PG 16	OHG 05	OHL 05	OHB 05	16	26	27,5	10	35	24	23,5	20,7	
PG 21	OHG 06	OHL 06	OHB 06	19	32	33,5	11	38	25,5	29,2	26,5	
PG 29	OHG 07	OHL 07	OHB07	31,6	41	42	11	43	30,5	38	34,7	
PG 36	OHG 08	OHL 08	OHB 08	40,8	51,8	53	14	54	33	47,6	42,9	
PG 48	OHG 09	OHL 09	OHB 09	51	62	64	14	57	37	57,7	53,3	

## TACFLEX METAL FLEXIBLE CONDUITS

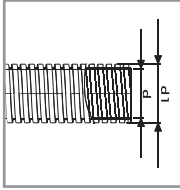
## FLEXIBLE SPIRAL CONDUITS METAL

### TECHNICAL DETAILS

Material : Galvanised steel  
 Protection class : IP40  
 Temperature range : -100 °C +300 °C

### Properties

High impact strength  
 High abrasion resistance  
 Halogen free  
 Low fire hazard  
 Self extinguishing  
 Full-shrink packing



### METAL SPİRAL BORULAR

Hammaddesi : Galvaniz & kalay kaplı sac  
 Sürekli ısıya direnci : -100 °C + 300 °C

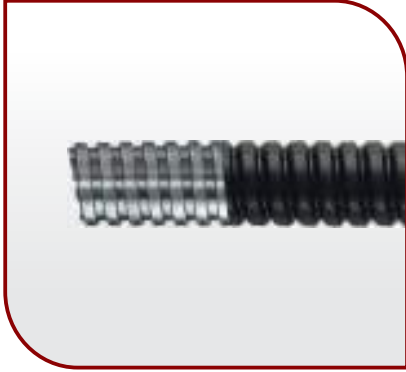
### PRODUCT RANGE OVERVIEW

Code	Size	d mm.	d1 mm.	Roll Length mf.
OCGS 7	-	7,5	10,5	50
OCGS 9	1/4"	9	12	50
OCGS 11	3/8"	11	14	50
OCGS 13	3/8"	13	15,5	50
OCGS 14	-	14	17	50
OCGS 16	1/2"	16	19	50
OCGS 18	-	18	21	50
OCGS 21	3/4"	21	24	50
OCGS 26	1"	26	30	25
OCGS 29	-	29	33	25
OCGS 32	-	32	36	25
OCGS 35	1 1/4"	35	39	25
OCGS 37	-	37	41	25
OCGS 40	1 1/2"	40	44	25
OCGS 42	-	42	46	25
OCGS 45	-	45	49	25
OCGS 51	2"	51	55	25
OCGS 63	2 1/2"	63	67	25
OCGS 75	3"	75	80	25

TACFLEX PVC COATED METAL FLEXIBLE CONDUITS



**tacflex**



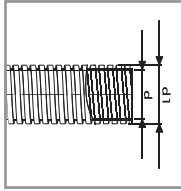
## FLEXIBLE SPIRAL CONDUITS PVC COATED METAL

### TECHNICAL DETAILS

Material	: Galvanised steel PVC coated
Color	: Black (RAL9005) Other colors available on request with reasonable qty.
Protection class	: IP54, IP65
Temperature range	: -15 °C + 70 °C

### Properties

High fatigue life  
High impact strength  
Self extinguishing  
High UV resistance (black)  
Full-shrink packing



### PVC KAPLI METAL SİRİAL BORULAR

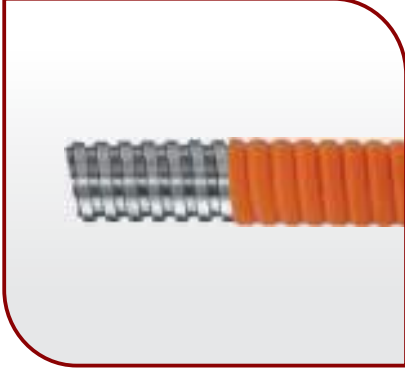
Hammaddesi	: Galvaniz & kalay kaplı sac
Renk	: Gri / Siyah
Kaplama	: PVC
Sürekli ısıya direnci	: -15 °C + 70 °C
Özellik	: Alev iletmez UV dayanımlı

PRODUCT RANGE OVERVIEW

Code	Size	d mm.	d1 mm.	Roll Length mt.
OPCGS 7	-	7,5	11,5	50
OPCGS 9	1/4"	9	13	50
OPCGS 11	3/8"	11	15	50
OPCGS 13	3/8"	13	16,5	50
OPCGS 14	-	14	18	50
OPCGS 16	1/2"	16	20	50
OPCGS 18	-	18	22	50
OPCGS 21	3/4"	21	25	50
OPCGS 26	1"	26	31	25
OPCGS 29	-	29	34	25
OPCGS 32	-	32	37	25
OPCGS 35	1 1/4"	35	40	25
OPCGS 37	-	37	42	25
OPCGS 40	1 1/2"	40	45	25
OPCGS 42	-	42	47	25
OPCGS 45	-	45	50	25
OPCGS 51	2"	51	56	25
OPCGS 63	2 1/2"	63	68	25
OPCGS 75	3"	75	83	25

## TACFLEX TPV COATED METAL FLEXIBLE CONDUITS





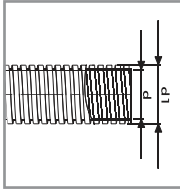
## FLEXIBLE SPIRAL CONDUITS TPV COATED

### TECHNICAL DETAILS

Material : Galvanised steel TPV coated  
 Protection class : IP54, IP65  
 Temperature range : -20 °C +100 °C

### Properties

High impact strength  
 Halogen free  
 Low fire hazard  
 Self extinguishing  
 High UV resistance (black)  
 Full-shrink packing



### HALOGEN FREE KAPLI METAL SİRAL BORULAR

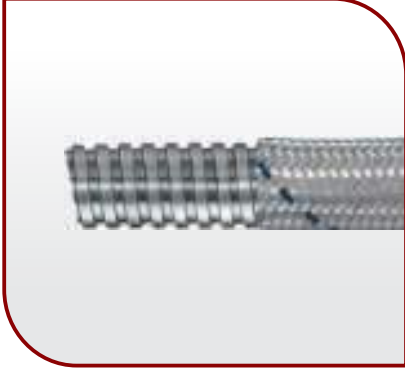
Hammaddesi : Galvaniz & kalay kaplı sac  
 Renk : Turuncu / siyah  
 Kaplama : TPV  
 Sürekli ısıya direnci : -20 °C + 100 °C  
 Özellik : Halogen free  
 Alev iletmez  
 UV dayanımlı

### PRODUCT RANGE OVERVIEW

Code	Size	d mm.	d1 mm.	Roll Length mt.
OPCHF 7	-	7,5	11,5	50
OPCHF 9	1/4"	9	13	50
OPCHF 11	3/8"	11	115	50
OPCHF 13	3/8"	13	16,5	50
OPCHF 14	-	14	18	50
OPCHF 16	1/2"	16	20	50
OPCHF 18	-	18	22	50
OPCHF 21	3/4"	21	25	50
OPCHF 26	1"	26	31	25
OPCHF 29	-	29	34	25
OPCHF 32	-	32	37	25
OPCHF 35	1 1/4"	35	40	25
OPCHF 37	-	37	42	25
OPCHF 40	1 1/2"	40	45	25
OPCHF 42	-	42	47	25
OPCHF 45	-	45	50	25
OPCHF 51	2"	51	56	25
OPCHF 63	2 1/2"	63	68	25
OPCHF 75	3"	75	83	25

Halogen free

**tacflex**



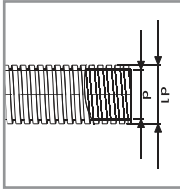
## FLEXIBLE SPIRAL CONDUITS STEEL WIRE OVER BRAIDING

### TECHNICAL DETAILS

Material	: Galvanised steel galv. steel overbraid * SS overbraid available on request
Protection class	: IP40
Temperature range	: -100 °C +300 °C

### Properties

High impact strength  
Halogen free  
Low fire hazard  
Self extinguishing  
High abrasion resistance  
EMC screening  
Full-shrink packing



### ÇELİK TEL ÖRGÜLÜ METAL SİRAL BORULAR

Hammaddesi	: Galvaniz & kalay kaplı sac
Örgü kaplaması	: Galvaniz / Paslanmaz çelik
Sürekli ısıya direnci	: -100 °C + 300 °C
	Emc screen özelliği

PRODUCT RANGE OVERVIEW

Code	Size	d mm.	d1 mm.	Roll Length mt.
CTS 9	1/4"	9	14	50
CTS 10	1/4"	10	15	50
CTS 11	3/8"	11	16	50
CTS 13	3/8"	13	17,5	50
CTS 16	1/2"	16	21	50
CTS 21	3/4"	21	26	50
CTS 26	1"	26	32	25
CTS 35	1 1/4"	35	41	25
CTS 40	1 1/2"	40	46	25
CTS 51	2"	51	57	25



**TACFLEX FLEXIBLE CONDUITS - Steel wire over braiding**



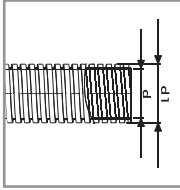

## FLEXIBLE SPIRAL CONDUITS STEEL WIRE OVER BRAIDING PVC COATED

### TECHNICAL DETAILS

Material	: Galvanised steel PVC coated galv. steel overbraid - stainless steel overbraiding available on request
Protection class	: IP65
Temperature range	: -15 °C +70 °C

### Properties

High impact strength  
Low fire hazard  
Self extinguishing  
High abrasion resistance  
EMC screening  
Full-shrink packing



### ÇELİK TEL ÖRGÜLÜ & PVC KAPLI METAL SİRİL BORULAR

Hammaddesi	: Galvaniz & kalay kaplı sac
1. kaplama	: PVC
2. kaplama	: Galvaniz / Paslanmaz çelik
PVC rengi	: Siyah
Sürekli ısıya direnci	: -15 °C + 70 °C
	Emc screen özelliği

PRODUCT RANGE OVERVIEW

Code	Size	d mm.	d1 mm.	Roll Length m.
CTPS 9	1/4"	9	15	50
CTPS 10	1/4"	10	16	50
CTPS 11	3/8"	11	17	50
CTPS 13	3/8"	13	18,5	50
CTPS 16	1/2"	16	22	50
CTPS 21	3/4"	21	27	50
CTPS 26	1"	26	33	25
CTPS 35	1 1/4"	35	42	25
CTPS 40	1 1/2"	40	47	25
CTPS 51	2"	51	58	25

TACFLEX FLEXIBLE CONDUITS - Steel wire over braiding



**tacflex**



## FLEXIBLE SPIRAL CONDUITS STEEL WIRE OVER BRAIDING POLYAMIDE CONDUIT

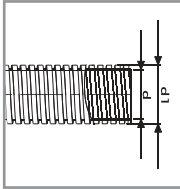
### TECHNICAL DETAILS

Material : Galvanised steel wire overbraiding polyamide conduits  
\* stainless steel overbraiding available on request

Protection class : IP65  
Temperature range : -40 °C +120 °C

### Properties

High impact strength  
High abrasion resistance  
Apply with either ctpas fixed or swivel  
Full-shrink packing  
Halogen free  
Self extinguishing



### ÇELİK TEL ÖRGÜLÜ POLYAMİD SİRAL BORULAR

Hammaddesi : Polyamide PA6 V2  
1. kaplama : Galvaniz çelik  
Spiral rengi : Gri - Siyah  
Süreklili isiya direnci : -40 °C + 120 °C

PRODUCT RANGE OVERVIEW

Code	d mm.	d1 mm.	Roll Length mt.
CTPAS 7	6,5	12	100
CTPAS 8,5	8,5	14	100
CTPAS 9	10	15	100
CTPAS 11	12	17,8	50
CTPAS 13,5	14,2	20,4	50
CTPAS 16	16,5	23,2	50
CTPAS 21	23	30,4	50
CTPAS 29	29	36,5	25
CTPAS 36	36	44,5	25
CTPAS 48	48	56,5	25

## TACFLEX LIQUID TIGHT FLEXIBLE CONDUITS



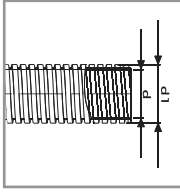

## FLEXIBLE SPIRAL CONDUITS LIQUID TIGHT

### TECHNICAL DETAILS

Material	: Galvanised steel PVC coated liquid tight
Color	: Black (RAL9005) Other colors available on request with reasonable qty.
Protection class	: IP66
Temperature range	: -20 °C + 105 °C

### Properties

High impact strength  
Self extinguishing  
High UV resistance (black)



### AĞIR HİZMET PVC KAPLI METAL SİRİAL BORULAR

Hammaddesi	: Galvaniz & kalay kaplı sac
Kaplama	: PVC
Sürekli ısıya direnci	: -20 °C + 105 °C
Özellik	: Alev iletmez UV dayanımlı Ağır hizmet tipi Kırılmayı önleyici mühür ipli
Renk	: Gri / Siyah

### PRODUCT RANGE OVERVIEW

Code	Size	d mm.		d1 mm.		Roll Length mt.
LGT 10	1/4"	10,3	10,5	15,5	16	30
LGT 12	3/8"	12,3	12,7	17,5	18	30
LGT 16	1/2"	15,5	16,3	20,8	21,4	30
LGT 21	3/4"	20,9	21,3	26,2	26,5	30
LGT 27	1"	26,5	27	32,7	33,3	30
LGT 35	1 1/4"	35	35,5	41,5	42	15
LGT 40	1 1/2"	40	40,5	47,3	48,2	15
LGT 51	2"	51,5	51,9	59,5	60	15
LGT 63	2 1/2"	63	63,5	72,2	73	7,5
LGT 78	3"	78	78,5	88	88,5	7,5
LGT 91	3 1/2"	88,9	89,9	100,6	101,6	7,5
LGT 102	4"	101,6	102,6	113,3	114,3	7,5

TACFLEX LIQUID TIGHT LSF FLEXIBLE CONDUITS



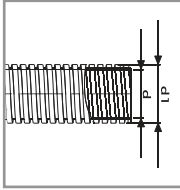
## FLEXIBLE SPIRAL CONDUITS LIQUID TIGHT HALOGEN FREE

### TECHNICAL DETAILS

Material	: Galvanised steel TPV coated liquid tight
Color	: Black (RAL9005) Other colors available on request with reasonable qty.
Protection class	: IP66
Temperature range	: -20 °C + 100 °C

### Properties

- High impact strength
- Self extinguishing
- High UV resistance (black)
- Halogen free
- Low fire hazard



### HALOGEN FREE AĞIR HİZMET TPV KAPLI METAL SİRİRAL BORULAR

Hammaddesi	: Galvaniz & kalay kaplı sac
Kaplama	: TPV
Sürekli ısıya direnci	: -20 °C + 100 °C
Özellik	: Alev iletmez UV dayanımlı Halogen free Ağır hizmet tipi Kırılmayı önleyici mühür ipli
Renk	: Gri / Siyah

PRODUCT RANGE OVERVIEW

Code	Size	d mm.		d1 mm.		Roll Length mt.
LGTHF 10	1/4"	10,3	10,5	15,5	16	30
LGTHF 12	3/8"	12,3	12,7	17,5	18	30
LGTHF 16	1/2"	15,5	16,3	20,8	21,4	30
LGTHF 21	3/4"	20,9	21,3	26,2	26,5	30
LGTHF 27	1"	26,5	27	32,7	33,3	30
LGTHF 35	1 1/4"	35	35,5	41,5	42	15
LGTHF 40	1 1/2"	40	40,5	47,3	48,2	15
LGTHF 51	2"	51,5	51,9	59,5	60	15
LGTHF 63	2 1/2"	63	63,5	72,2	73	7,5
LGTHF 78	3"	78	78,5	88	88,5	7,5
LGTHF 91	3 1/2"	88,9	89,9	100,6	101,6	7,5
LGTHF 102	4"	101,6	102,6	113,3	114,3	7,5

## TACFLEX LIQUID TIGHT FLEXIBLE CONDUITS



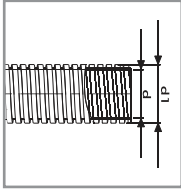

## FLEXIBLE SPIRAL CONDUITS STEEL WIRE OVER BRAIDING LIQUID TIGHT

### TECHNICAL DETAILS

Material	: Galvanised steel PVC coated steel wire over braiding liquid tight
Color	: Black (RAL9005) Other colors available on request with reasonable qty.
Protection class	: IP66
Temperature range	: -20 °C +100 °C

### Properties

High impact strength  
Self extinguishing  
High UV resistance (black)  
High abrasion resistance  
EMC screen



### AĞIR HİZMET ÇELİK TEL ÖRGÜLÜ PVC KAPLI METAL SİRİL BORULAR

Hammaddesi	: Galvaniz & kalay kaplı sac
1. Kaplama	: PVC
2. Kaplama	: Galvaniz / paslanmaz çelik
Sürekli ısıya direnci	: -20 °C + 100 °C
Özellik	: Alev iletmez UV dayanımlı Ağır hizmet tipi Kırılmayı önleyici mühür ipli EMC screen özelliği
Renk	: Gri / Siyah

### PRODUCT RANGE OVERVIEW

Code	Size	d mm.		d1 mm.		Roll Length mt.
LGCT 10	1/4"	10,3	10,5	17,5	18	30
LGCT 12	3/8"	12,3	12,7	19,5	20	30
LGCT 16	1/2"	15,5	16,3	22,8	23,4	30
LGCT 21	3/4"	20,9	21,3	28,2	28,5	30
LGCT 27	1"	26,5	27	34,7	35,3	30
LGCT 35	1 1/4"	35	35,5	42,5	44	15
LGCT 40	1 1/2"	40	40,5	49,3	50,2	15
LGCT 51	2"	51,5	51,9	61,5	62	15
LGCT 63	2 1/2"	63	63,5	74,2	75	7,5
LGCT 78	3"	78	78,5	90	100,5	7,5
LGCT 91	3 1/2"	88,9	89,9	102,6	103,6	7,5
LGCT 102	4"	101,6	102,6	113,3	116,3	7,5

TACFLEX FLEXIBLE CONDUIT FITTINGS



## FLEXIBLE SPIRAL CONDUIT FITTINGS LIQUID TIGHT FIXED & SWIVEL

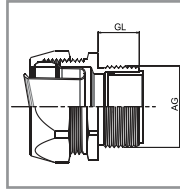
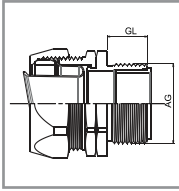
### TECHNICAL DETAILS

#### Material

Cap nut	: Brass with nickel plated
Ring	: PA6
Ferrule	: Aluminium / brass
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: Metric (EN60423) / PG (DIN 40430)
Protection class	: IP67
Temperature range	: -45 °C + 105 °C

#### Properties

Easy to assemble  
Fixed or swivel body versions  
Apply with either LGT or CTS, CTPS conduits



### AĞIR HİZMET SİRAL BORU RAKORU SABİT & DÖNER DİŞ

Hammadde	: Piring, nikel kaplı
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP67
O-ring	: Nitril kauçuk
Uygun spiral	: LGT-CTS-CTPS

### FIXED/SWIVEL BODY

PRODUCT RANGE OVERVIEW

Code		AG Thread		Spiral Measure	GL mm.	B mm.	C mm.
PG	Metric	PG	Metric				
LSRP 00	LSRM 00	PG 7	M 12 x 1,5	LGT10 - 1/4"	10	20	22
LSRP 1A	LSRM 1A	PG 9	M 16 x 1,5	LGT10 - 1/4"	10	20	22
LSRP 01	LSRM 01	PG 11	M 16 x 1,5	LGT13 - 3/8"	11,5	24	26
LSRP 2A	-	PG 13,5	-	LGT16 - 1/2"	13	27	29
LSRP 02	LSRM 02	PG 16	M 20 x 1,5	LGT16 - 1/2"	13	27	29
LSRP 03	LSRM 03	PG 21	M 25 x 1,5	LGT21 - 3/4"	15	33	35
LSRP 04	LSRM 04	PG 29	M 32 x 1,5	LGT27 - 1"	15	43	45
LSRP 05	LSRM 05	PG 36	M 40 x 1,5	LGT35 - 1 1/4"	16	52	54
LSRP 06	LSRM 06	PG 42	M 50 x 1,5	LGT40 - 1 1/2"	18	60	63
LSRP 07	LSRM 07	PG 48	M 63 x 1,5	LGT51 - 2"	20	74	77
	LSRM 08		M 72 x 1,5	LGT63 - 2 1/2"	20	90	90
	LSRM 09		M 75 x 1,5	LGT78 - 3"	24	105	110
	LSRM 10		M 100 x 2	LGT102 - 4"	30	136	140
SWIVEL BODY							
LSRDP 00	LSRDM 00	PG 7	M 12 x 1,5	LGT10 - 1/4"	10	20	22
LSRDP 1A	LSRDM 1A	PG 9	M 16 x 1,5	LGT10 - 1/4"	10	20	22
LSRDP 01	LSRDM 01	PG 11	M 16 x 1,5	LGT13 - 3/8"	11,5	24	26
LSRDP 2A	-	PG 13,5	-	LGT16 - 1/2"	13	27	29
LSRDP 02	LSRDM 02	PG 16	M 20 x 1,5	LGT16 - 1/2"	13	27	29
LSRDP 03	LSRDM 03	PG 21	M 25 x 1,5	LGT21 - 3/4"	15	33	35
LSRDP 04	LSRDM 04	PG 29	M 32 x 1,5	LGT27 - 1"	15	43	45
LSRDP 05	LSRDM 05	PG 36	M 40 x 1,5	LGT35 - 1 1/4"	16	52	54
LSRDP 06	LSRDM 06	PG 42	M 50 x 1,5	LGT40 - 1 1/2"	18	60	63
LSRDP 07	LSRDM 07	PG 48	M 63 x 1,5	LGT51 - 2"	20	74	77
	LSRDM 08		M 72 x 1,5	LGT63 - 2 1/2"	20	90	90
	LSRDM 09		M 75 x 1,5	LGT78 - 3"	24	105	110
	LSRDM 10		M 100 x 2	LGT102 - 4"	30	136	140

## TACFLEX FLEXIBLE CONDUIT FITTINGS





## FLEXIBLE SPIRAL CONDUIT FITTINGS NPT LIQUID TIGHT FIXED & SWIVEL

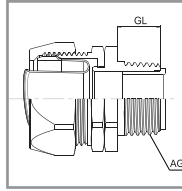
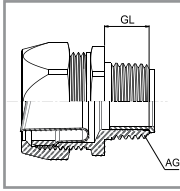
### TECHNICAL DETAILS

#### Material

Cap nut	: Brass with nickel plated
Ring	: PA6
Ferrule	: Aluminium / brass
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: NPT ANSI B1.20.1
Protection class	: IP67
Temperature range	: -45 °C +105 °C

#### Properties

Easy to assemble  
Fixed or swivel body versions  
Apply with either LGT or CTS, CTPS conduits



### AĞIR HİZMET SİRAL BORU RAKORU SABİT & DÖNER DİŞ

Hammaddesi	: Piring, nikel kaplı
Bağlantı dişi NPT	: NPT ANSI B1.20.1
Koruma sınıfı	: IP67
O-ring	: Nitritil kauçuk
Uygun spiral	: LGT-CTS-CTPS

### NPT / FIXED/SWIVEL BODY

Code	AG Thread Npt	Spiral Measure	GL mm.	B mm.	C mm.
LSRN 00	1/4"	LGT10 - 1/4"	10	20	22
LSRN 01	3/8"	LGT13 - 3/8"	11,5	24	26
LSRN 02	1/2"	LGT16 - 1/2"	13	27	29
LSRN 03	3/4"	LGT21 - 3/4"	15	33	35
LSRN 04	1"	LGT27 - 1"	15	43	45
LSRN 05	1 1/4"	LGT35 - 1 1/4"	16	52	54
LSRN 06	1 1/2"	LGT40 - 1 1/2"	18	60	63
LSRN 07	2"	LGT51 - 2"	20	74	77
LSRN 08	2 1/2"	LGT63 - 2 1/2"	20	90	90
LSRN 09	3"	LGT78 - 3"	24	105	110
LSRN 10	4"	LGT102 - 4"	30	136	140
SWIVEL BODY					
LSRDN 00	1/4"	LGT10 - 1/4"	10	20	22
LSRDN 01	3/8"	LGT13 - 3/8"	11,5	24	26
LSRDN 02	1/2"	LGT16 - 1/2"	13	27	29
LSRDN 03	3/4"	LGT21 - 3/4"	15	33	35
LSRDN 04	1"	LGT27 - 1"	15	43	45
LSRDN 05	1 1/4"	LGT35 - 1 1/4"	16	52	54
LSRDN 06	1 1/2"	LGT40 - 1 1/2"	18	60	63
LSRDN 07	2"	LGT51 - 2"	20	74	77
LSRDN 08	2 1/2"	LGT63 - 2 1/2"	20	90	90
LSRDN 09	3"	LGT78 - 3"	24	105	110
LSRDN 10	4"	LGT102 - 4"	30	136	140

PRODUCT RANGE OVERVIEW

(mm)

TACFLEX FLEXIBLE CONDUIT FITTINGS



**tacflex**



## FLEXIBLE SPIRAL CONDUIT FITTINGS LIQUID TIGHT FEMALE TYPE FIXED & SWIVEL

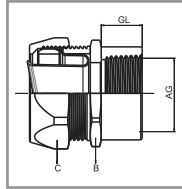
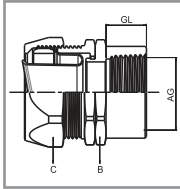
### TECHNICAL DETAILS

#### Material

Cap nut	: Brass with nickel plated
Ring	: PA6
Ferrule	: Aluminium / brass
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: Metric (EN60423) / PG (DIN 40430)
Protection class	: IP67
Temperature range	: -45 °C + 105 °C

#### Properties

Easy to assemble  
Fixed or swivel body versions  
Apply with either LGT or CTS, CTPS conduits



### AĞIR HİZMET SİRAL BORU RAKORU Dişi (BORU) TIP SABİT & DÖNER DİŞİ

Hammaddesi	: Piring, nikel kaplı
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP67
O-ring	: Nitril kauçuk
Uygun spiral	: LGT-CTS-CTPS

### FIXED BODY

Code	AG Thread		Spiral Measure	GL mm.	B mm.	C mm.
	PG	Metric				
LSRPD 00	LSRMD 00	PG 7	M 12 x 1,5	LGT10 - 1/4"	10	22
LSRPD 1A	LSRMD 1A	PG 9	M 16 x 1,5	LGT10 - 1/4"	10	20
LSRPD 01	LSRMD 01	PG 11	M 16 x 1,5	LGT13 - 3/8"	11,5	24
LSRPD 2A	-	PG 13,5	-	LGT16 - 1/2"	13	27
LSRPD 02	LSRMD 02	PG 16	M 20 x 1,5	LGT16 - 1/2"	13	27
LSRPD 03	LSRMD 03	PG 21	M 25 x 1,5	LGT21 - 3/4"	15	33
LSRPD 04	LSRMD 04	PG 29	M 32 x 1,5	LGT27 - 1"	15	43
LSRPD 05	LSRMD 05	PG 36	M 40 x 1,5	LGT35 - 1 1/4"	16	52
LSRPD 06	LSRMD 06	PG 42	M 50 x 1,5	LGT40 - 1 1/2"	18	60
LSRPD 07	LSRMD 07	PG 48	M 63 x 1,5	LGT51 - 2"	20	74
	LSRMD 08	M 72 x 1,5		LGT63 - 2 1/2"	20	90
	LSRMD 09	M 75 x 1,5		LGT78 - 3"	24	105
	LSRMD 10	M 100 x 2		LGT102 - 4"	30	136

### SWIVEL BODY

LSRDPD 00	LSRMD 00	PG 7	M 12 x 1,5	LGT10 - 1/4"	10	20	22
LSRDPD 1A	LSRMD 1A	PG 9	M 16 x 1,5	LGT10 - 1/4"	10	20	22
LSRDPD 01	LSRMD 01	PG 11	M 16 x 1,5	LGT13 - 3/8"	11,5	24	26
LSRDPD 2A	-	PG 13,5	-	LGT16 - 1/2"	13	27	29
LSRDPD 02	LSRMD 02	PG 16	M 20 x 1,5	LGT16 - 1/2"	13	27	29
LSRDPD 03	LSRMD 03	PG 21	M 25 x 1,5	LGT21 - 3/4"	15	33	35
LSRDPD 04	LSRMD 04	PG 29	M 32 x 1,5	LGT27 - 1"	15	43	45
LSRDPD 05	LSRMD 05	PG 36	M 40 x 1,5	LGT35 - 1 1/4"	16	52	54
LSRDPD 06	LSRMD 06	PG 42	M 50 x 1,5	LGT40 - 1 1/2"	18	60	63
LSRDPD 07	LSRMD 07	PG 48	M 63 x 1,5	LGT51 - 2"	20	74	77
	LSRMD 08	M 72 x 1,5		LGT63 - 2 1/2"	20	90	90
	LSRMD 09	M 75 x 1,5		LGT78 - 3"	24	105	110
	LSRMD 10	M 100 x 2		LGT102 - 4"	30	136	140

PRODUCT RANGE OVERVIEW

mm



## TACFLEX FLEXIBLE CONDUIT FITTINGS




## FLEXIBLE SPIRAL CONDUIT FITTINGS LIQUID TIGHT NPT FEMALE TYPE FIXED & SWIVEL

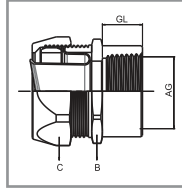
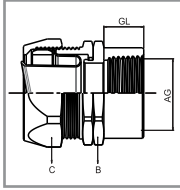
### TECHNICAL DETAILS

#### Material

Cap nut	: Brass with nickel plated
Ring	: PA6
Ferrule	: Aluminium / brass
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: NPT ANSI B1.20.1
Protection class	: IP67
Temperature range	: -45 °C +105 °C

#### Properties

Easy to assemble  
Fixed or swivel body versions  
Apply with either LGT or CTS, CTPS conduits



### AĞIR HİZMET SİRAL BORU RAKORU Dişi (BORU) TIP SABİT & DÖNER DİŞ

Hammaddesi	: Piring, nikel kaplı
Bağlantı dişi NPT	: NPT ANSI B1.20.1
Koruma sınıfı	: IP67
O-ring	: Nitritil kauçuk
Uygun spiral	: LGT-CTS-CTPS

### NPT / FIXED BODY

Code	NPT Thread	Spiral Measure	GL mm.	B mm.	C mm.
LSRND 00	1/4"	LGT10 - 1/4"	10	20	22
LSRND 01	3/8"	LGT13 - 3/8"	11,5	24	26
LSRND 02	1/2"	LGT16 - 1/2"	13	27	29
LSRND 03	3/4"	LGT21 - 3/4"	15	33	35
LSRND 04	1"	LGT27 - 1"	15	43	45
LSRND 05	1 1/4"	LGT35 - 1 1/4"	16	52	54
LSRND 06	1 1/2"	LGT40 - 1 1/2"	18	60	63
LSRND 07	2"	LGT51 - 2"	20	74	77
LSRND 08	2 1/2"	LGT63 - 2 1/2"	20	90	90
LSRND 09	3"	LGT78 - 3"	24	105	110
LSRND 10	4"	LGT102 - 4"	30	136	140

### SWIVEL BODY

Code	NPT Thread	Spiral Measure	GL mm.	B mm.	C mm.
LSRDND 00	1/4"	LGT10 - 1/4"	10	20	22
LSRDND 01	3/8"	LGT13 - 3/8"	11,5	24	26
LSRDND 02	1/2"	LGT16 - 1/2"	13	27	29
LSRDND 03	3/4"	LGT21 - 3/4"	15	33	35
LSRDND 04	1"	LGT27 - 1"	15	43	45
LSRDND 05	1 1/4"	LGT35 - 1 1/4"	16	52	54
LSRDND 06	1 1/2"	LGT40 - 1 1/2"	18	60	63
LSRDND 07	2"	LGT51 - 2"	20	74	77
LSRDND 08	2 1/2"	LGT63 - 2 1/2"	20	90	90
LSRDND 09	3"	LGT78 - 3"	24	105	110
LSRDND 10	4"	LGT102 - 4"	30	136	140

TACFLEX FLEXIBLE CONDUIT FITTINGS



## STEEL WIRE OVER BRAIDING PLASTIC CONDUIT FITTINGS FIXED & SWIVEL

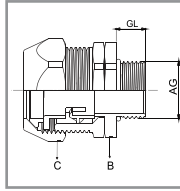
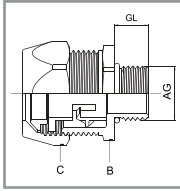
### TECHNICAL DETAILS

#### Material

Cap nut	: Brass with nickel plated
Conduit holder	: PA6
Armour clamp	: Brass
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: Metric (EN60423) / PG (DIN 40430)
Protection class	: IP67
Temperature range	: -30 °C + 100 °C

#### Properties

Easy to assemble  
Fixed or swivel body versions  
Apply with either CTPAS conduits



### ÇELİK TEL ÖRGÜLÜ POLYAMİD SİRAL RAKORLARI SABİT & DÖNER TİP

Hammaddesi	: Pirinç, nikel kaplı
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP67
O-ring	: Nitril kauçuk
Uygun spiral	: CTPAS

### FIXED/SWIVEL BODY

PRODUCT RANGE OVERVIEW

Code		AG Thread		Spiral Measure	GL mm.	B mm.	C mm.
PG	Metric	PG	Metric				
LSRPAG 13-PG9	LSRPAG 13-M16	PG 9	M 16 x 1,5	CTPAS-09	10	24	26
LSRPAG 15-PG11	LSRPAG 15-M16	PG 11	M 16 x 1,5	CTPAS-11	10	28	30
LSRPAG 18-PG13,5	LSRPAG 18-M20	PG13,5	M 20 x 1,5	CTPAS-13,5	10	32	35
LSRPAG 21-PG16	LSRPAG 21-M20	PG 16	M 20 x 1,5	CTPAS-16	10	35	35
LSRPAG 28-PG21	LSRPAG 28-M25	PG 21	M 25 x 1,5	CTPAS-21	14	45	45
LSRPAG 34-PG29	LSRPAG 34-M32	PG 29	M 32 x 1,5	CTPAS-29	15	50	50
LSRPAG 42-PG36	LSRPAG 42-M40	PG 36	M 40 x 1,5	CTPAS-36	15	60	60
LSRPAG 54-PG42	LSRPAG 54-M50	PG 42	M 50 x 1,5	CTPAS-48	15	70	75
LSRPAG 54-PG48	LSRPAG 54-M63	PG 48	M 63 x 1,5	CTPAS-48	15	70	75
SWIVEL BODY							
LSRDPAG 13-PG9	LSRDPAG 13-M16	PG 9	M 16 x 1,5	CTPAS-09	10	24	26
LSRDPAG 15-PG11	LSRDPAG 15-M16	PG 11	M 16 x 1,5	CTPAS-11	10	28	30
LSRDPAG 18-PG13,5	LSRDPAG 18-M20	PG13,5	M 20 x 1,5	CTPAS-13,5	10	32	35
LSRDPAG 21-PG16	LSRDPAG 21-M20	PG 16	M 20 x 1,5	CTPAS-16	10	35	35
LSRDPAG 28-PG21	LSRDPAG 28-M25	PG 21	M 25 x 1,5	CTPAS-21	14	45	45
LSRDPAG 34-PG29	LSRDPAG 34-M32	PG 29	M 32 x 1,5	CTPAS-29	15	50	50
LSRDPAG 42-PG36	LSRDPAG 42-M40	PG 36	M 40 x 1,5	CTPAS-36	15	60	60
LSRDPAG 54-PG42	LSRDPAG 54-M50	PG 42	M 50 x 1,5	CTPAS-48	15	70	75
LSRDPAG 54-PG48	LSRDPAG 54-M63	PG 48	M 63 x 1,5	CTPAS-48	15	70	75

mm

## TACFLEX FLEXIBLE CONDUIT FITTINGS




## LIQUID TIGHT SPIRAL CONDUIT FITTINGS WITH CABLE HOLDER

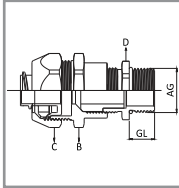
### TECHNICAL DETAILS

#### Material

Cap nut	: Brass with nickel plated
Clamping insert	: PA6
Sealing ring	: TPV
Ring	: Polyethylene
Ferrule	: Aluminium / brass
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: Metric (EN60423) / PG (DIN 40430)
Protection class	: IP67
Temperature range	: -30 °C +100 °C

#### Properties

Easy to assemble  
Fixed or swivel body versions  
Apply with either LGT or CTS, CTPS conduits



### AĞIR HİZMET KABLO TUTUCULU SİRAL BORU RAKORU SABİT & DÖNER DİŞ

Hammaddesi	: Piring, nikel kaplı
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP67
O-ring	: Nitril kauçuk
Uygun spiral	: LGT-CTS-CTPS

### PG FIXED BODY

Code	AG Thread	Spiral Measure	GL mm.	B mm.	C mm.	D mm.	Cables mm.
MLSRP 00	PG 7	10 - 1/4"	6	20	22	14	3-6,5
MLSRP 1A	PG 9	10 - 1/4"	6	20	22	17	4-8
MLSRP 01	PG 11	13 - 3/8"	6	24	26	20	5-10
MLSRP 2A	PG 13,5	16 - 1/2"	6,5	27	29	22	6-12
MLSRP 02	PG 16	16 - 1/2"	6,5	27	29	24	10-14
MLSRP 03	PG 21	21 - 3/4"	7	33	35	30	13-18
MLSRP 04	PG 29	26 - 1"	8	43	45	40	18-25
MLSRP 05	PG 36	35 - 1 1/4"	10	52	54	50	22-32
MLSRP 06	PG 42	40 - 1 1/2"	12	60	63	57	30-38
MLSRP 07	PG 48	51 - 2"	14	74	77	64	33-44

### METRIC FIXED BODY

Code	AG Thread	Spiral Measure	GL mm.	B mm.	C mm.	D mm.	Cables mm.
MLSRM 00	M 12 x 1,5	10 - 1/4"	6	20	22	14	3-6,5
MLSRM 1A	M 16 x 1,5	10 - 1/4"	7	20	22	18	4-8
MLSRM 01	M 16 x 1,5	13 - 3/8"	7	24	26	18	4-8
MLSRM 02	M 20 x 1,5	16 - 1/2"	8	27	29	22	6-12
MLSRM 03	M 25 x 1,5	21 - 3/4"	8	33	35	27	10-14
MLSRM 04	M 32 x 1,5	26 - 1"	9	43	45	34	13-18
MLSRM 05	M 40 x 1,5	35 - 1 1/4"	9	52	54	43	18-25
MLSRM 06	M 50 x 1,5	40 - 1 1/2"	9	60	63	55	22-32
MLSRM 07	M 63 x 1,5	51 - 2"	14	74	77	68	33-44
MLSRM 08	M 72 x 1,5	63 - 2 1/2"	20	90	90	85	45-55
MLSRM 09	M 75 x 1,5	78 - 3"	20	105	110	90	50-63
MLSRM 10	M 100 x 2	102 - 4"	20	136	140	100	60-70

\* Swivel body versions are available too.

TACFLEX FLEXIBLE CONDUIT FITTINGS



## LIQUID TIGHT SPIRAL CONDUITS FITTINGS NPT WITH CABLE HOLDER MALE/FEMALE

### TECHNICAL DETAILS

#### Material

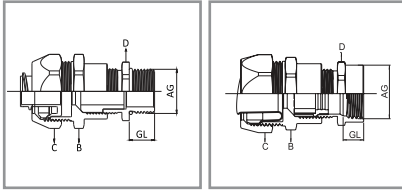
Cap nut	: Brass with nickel plated
Clamping insert	: PA6
Sealing ring	: TPV
Ring	: Polyethylene
Ferrule	: Aluminium / brass
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: NPT ANSI B1.20.1
Protection class	: IP67
Temperature range	: -30 °C + 100 °C

#### Properties

- Easy to assemble
- Fixed or swivel body versions
- Apply with either LGT or CTS, CTPS conduits

### AĞIR HİZMET KABLO TUTUCULU SİRAL BORU RAKORU PANO TİPİ (ERKEK) & DIŞI (BORU) TİPİ

Hammaddesi	: Piring, nikel kaplı
Bağlantı dişi NPT	: NPT ANSI B1.20.1
Koruma sınıfı	: IP67
O-ring	: Nitril kaucuk
Uygun spiral	: LGT-CTS-CTPS



### NPT / MALE TYPE

Code	NPT Thread	Spiral Measure	GL mm.	B mm.	C mm.	D mm.	Cables mm.
MLSRN 00	1/4"	10 - 1/4"	10	20	22	14	3-6,5
MLSRN 1A	3/8"	10 - 1/4"	10	20	22	18	4-8
MLSRN 01	3/8"	13 - 3/8"	11,5	24	26	20	5-10
MLSRN 2A	1/2"	16 - 1/2"	13	27	29	22	6-12
MLSRN 02	1/2"	16 - 1/2"	13	27	29	24	10-14
MLSRN 03	3/4"	21 - 3/4"	15	33	35	30	13-18
MLSRN 04	1"	26 - 1"	15	43	45	40	18-25
MLSRN 05	1 1/4"	35 - 1 1/4"	16	52	54	50	22-32
MLSRN 06	1 1/2"	40 - 1 1/2"	18	60	63	55	30-38
MLSRN 07	2"	51 - 2"	20	74	77	65	33-44
MLSRN 08	2 1/2"	63 - 2 1/2"	20	90	90	75	45-55
MLSRN 09	3"	78 - 3"	24	105	110	90	50-63
MLSRN 10	4"	102 - 4"	30	136	140	100	60-70

### NPT / FEMALE TYPE

MLSRND 00	1/4"	10 - 1/4"	10	20	22	14	3-6,5
MLSRND 1A	3/8"	10 - 1/4"	10	20	22	18	4-8
MLSRND 01	3/8"	13 - 3/8"	11,5	24	26	20	5-10
MLSRND 2A	1/2"	16 - 1/2"	13	27	29	22	6-12
MLSRND 02	1/2"	16 - 1/2"	13	27	29	24	10-14
MLSRND 03	3/4"	21 - 3/4"	15	33	35	30	13-18
MLSRND 04	1"	26 - 1"	15	43	45	40	18-25
MLSRND 05	1 1/4"	35 - 1 1/4"	16	52	54	50	22-32
MLSRND 06	1 1/2"	40 - 1 1/2"	18	60	63	55	30-38
MLSRND 07	2"	51 - 2"	20	74	77	65	33-44
MLSRND 08	2 1/2"	63 - 2 1/2"	20	90	90	75	45-55
MLSRND 09	3"	78 - 3"	24	105	110	90	50-63
MLSRND 10	4"	102 - 4"	30	136	140	100	60-70

PRODUCT RANGE OVERVIEW

mm

## TACFLEX FLEXIBLE CONDUIT FITTINGS



TECHNOLOGY  
**tacflex**



## FLEXIBLE SPIRAL CONDUIT FITTINGS FIXED BODY

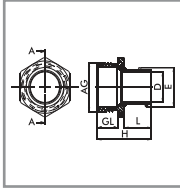
### TECHNICAL DETAILS

#### Material

Ring	: Brass with nickel plated
Fixed gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: Metric (EN60423) / PG (DIN 40430)
Protection class	: IP54
Temperature range	: -30 °C + 100 °C

#### Properties

Easy to assemble  
Fixed or swivel body versions  
Apply with either OCGS or OPCGS conduits



### SABİT DİŞ SİRİRAL BORU RAKORU

Hammaddesi	: Piring, nikel kaplı
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP54
O-ring	: Nitril kauçuk
Uygun spiral	: OCGS-OPCGS

### METRIC/PG THREAD FIXED BODY

PRODUCT RANGE OVERVIEW

AG Thread	Code	H mm.	GL mm.	L mm.	D mm.	mm.	E mm.
M 12 x 1,5	MMR 12	24	8	13	6	15	7,5 x 11,5
M 16 x 1,5	MMR 16	24	8	13	7	20	9 x 13
M 16 x 1,5	MMR 116	26	10	13	9	20	11 x 15
M 20 x 1,5	MMR 20	26	10	13	12	22	14 x 18
M 20 x 1,5	MMR 120	26	10	13	14	22	16 x 20
M 25 x 1,5	MMR 25	27	10	13	18	28	21 x 25
M 32 x 1,5	MMR 32	31	12	15	23	35	26 x 31
M 40 x 1,5	MMR 40	36	14	17	33,5	45	37 x 42
M 50 x 1,5	MMR 50	36	14	17	37	55	40 x 45
M 63 x 1,5	MMR 63	36	14	17	46	65	51 x 56
PG 7	MPR 7	24	8	13	6	15	7,5 x 11,5
PG 9	MPR 9	24	8	13	7	17	9 x 13
PG 11	MPR 11	26	10	13	9	20	11 x 15
PG 13,5	MPR 13,5	26	10	13	12	22	14 x 18
PG 16	MPR 16	26	10	13	14	24	16 x 20
PG 21	MPR 21	27	10	13	18	30	21 x 25
PG 29	MPR 29	31	12	15	23	40	26 x 31
PG 36	MPR 36	36	14	17	33,5	50	37 x 42
PG 42	MPR 42	36	14	17	37	60	40 x 45
PG 48	MPR 48	36	14	17	46	65	51 x 56

TACFLEX FLEXIBLE CONDUIT FITTINGS



## FLEXIBLE SPIRAL CONDUIT FITTINGS SWIVEL BODY

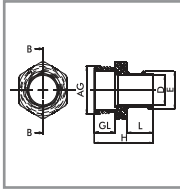
### TECHNICAL DETAILS

#### Material

Ring	: Brass with nickel plated
Swivel gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: Metric (EN60423) / PG (DIN 40430)
Protection class	: IP54
Temperature range	: -30 °C +100 °C

#### Properties

Easy to assemble  
Fixed or swivel body versions  
Apply with either OCGS or OPCGS conduits



### DÖNER DİŞ SİRİAL BORU RAKORU

Hammaddesi	: Piring, nikel kaplı
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP54
O-ring	: Nitril kauçuk
Uygun spiral	: OCGS-OPCGS

### METRIC/PG THREAD SWIVEL BODY

PRODUCT RANGE OVERVIEW

AG Thread	Code	H mm.	GL mm.	L mm.	D mm.	mm.	E mm.
M 12 x 1,5	MDM 12	27	8	13	6	15	7,5 x 11,5
M 16 x 1,5	MDM 16	27	8	13	7	20	9 x 13
M 16 x 1,5	MDM 116	29	10	13	9	20	11 x 15
M 20 x 1,5	MDM 20	29	10	13	12	22	14 x 18
M 20 x 1,5	MDM 120	29	10	13	14	22	16 x 20
M 25 x 1,5	MDM 25	31	10	13	18	28	21 x 25
M 32 x 1,5	MDM 32	35	12	15	23	35	26 x 31
M 40 x 1,5	MDM 40	41	14	17	33,5	45	37 x 42
M 50 x 1,5	MDM 50	41	14	17	37	55	40 x 45
M 63 x 1,5	MDM 63	41	14	17	46	65	51 x 56
PG 7	MDP 7	27	8	13	6	15	7,5 x 11,5
PG 9	MDP 9	27	8	13	7	17	9 x 13
PG 11	MDP 11	29	10	13	9	20	11 x 15
PG 13,5	MDP 13,5	29	10	13	12	22	14 x 18
PG 16	MDP 16	29	10	13	14	24	16 x 20
PG 21	MDP 21	31	10	13	18	30	21 x 25
PG 29	MDP 29	35	12	15	23	40	26 x 31
PG 36	MDP 36	41	14	17	33,5	50	37 x 42
PG 42	MDP 42	41	14	17	37	60	40 x 45
PG 48	MDP 48	41	14	17	46	65	51 x 56

PG11

## TACFLEX FLEXIBLE CONDUIT FITTINGS



**tacflex**



## FLEXIBLE SPIRAL CONDUIT FITTINGS NPT FIXED BODY

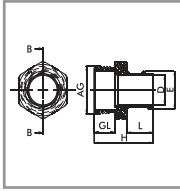
### TECHNICAL DETAILS

#### Material

Ring	: Brass with nickel plated
Swivel gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: NPT ANSI B1.20.1
Protection class	: IP54
Temperature range	: -30 °C +100 °C

#### Properties

Easy to assemble  
Fixed or swivel body versions  
Apply with either OCGS or OPCGS conduits



### SABİT DİŞ SİRİL BORU RAKORU

Hammaddesi	: Piring, nikel kaplı
Bağlantı dişi NPT	: NPT ANSI B1.20.1
Koruma sınıfı	: IP54
O-ring	: Nitril kauçuk
Uygun spiral	: OCGS-OPCGS

NPT / FIXED

PRODUCT RANGE OVERVIEW

NPT Thread	Code	H mm.	GL mm.	L mm.	D mm.	mm.	E mm.
1/4"	MNR14	26	10	13	6	15	7,5 x 11,5
3/8"	MNR 38	27,5	11,5	13	7	18	9 x 13
3/8"	MNR 138	27,5	11,5	13	9	18	11 x 15
3/8"	MNR238	27,5	11,5	13	11	19	13 x 16,5
1/2"	MNR 12	29	13	13	12	22	14 x 18
1/2"	MNR 122	29	13	13	14	22	16 x 20
3/4"	MNR 34	32	15	13	18	28	21 x 25
1"	MNR 100	34	15	15	23	35	26 x 31
1 1/4"	MNR 114	38	16	17	33,5	45	37 x 42
1 1/2"	MNR 112	40	18	17	37	50	40 x 45
2"	MNR 200	42	20	17	46	65	51 x 56

\* Swivel body versions are also available.

 **ORTAC®**



**UYGULAMALAR**  
*APPLICATIONS*











Hadımköy Mah. İbni Sina Cad.  
No:9 34555 Arnavutköy / İSTANBUL

**T.** +90 (212) 858-1900

**F.** +90 (212) 858-1959

[sales@ortacler.com.tr](mailto:sales@ortacler.com.tr)

[www.ortacler.com](http://www.ortacler.com)

