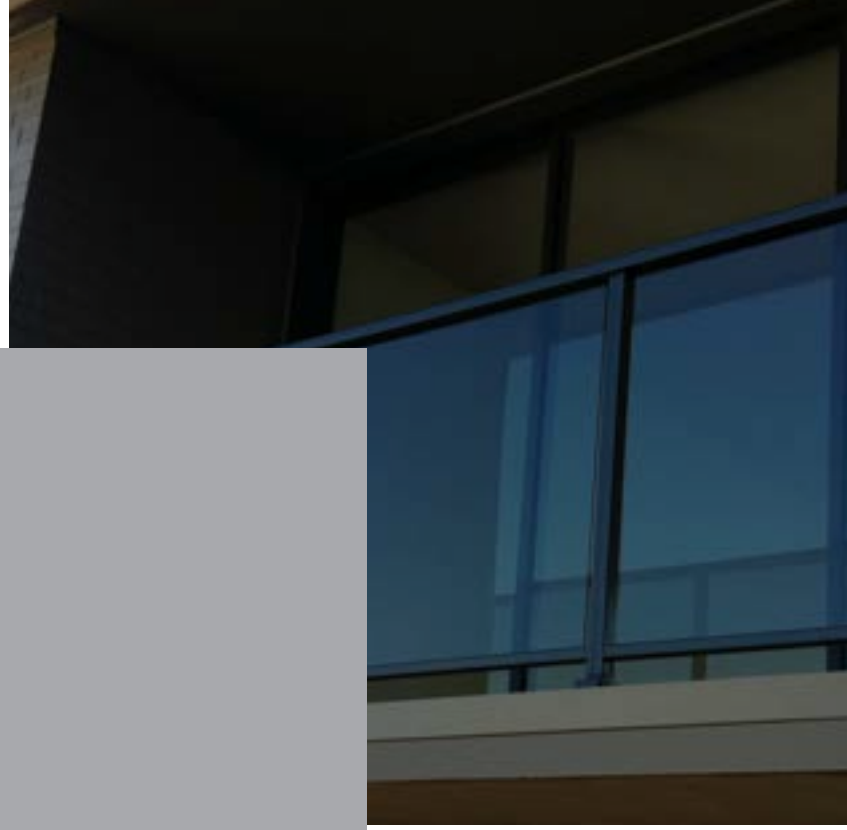


# Alüminyum Korkuluk Sistemleri Aluminium Handrail Systems



**ZM  
4401**



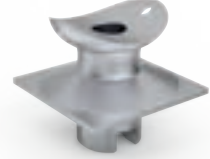
40x40 Hareketli Mafsal Takımı  
40x40 Moving Joint Team

**ZM  
4402**



40x40 Hareketli Mafsal Takımı Dışa Geçme  
40x40 Moving Joint Team Externally

**ZM  
4403**



40x40 Sabit Mafsal  
40x40 Fixed Joint

**ZM  
4404**



40x40 Sabit Mafsal Dışa Geçme  
40x40 Fixed Joint Externally

**ZM  
4405**



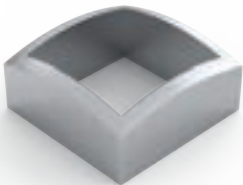
40x40 Mafsal Takımı Lamalı  
40x40 Joint Team with Lama

**ZM  
4406**



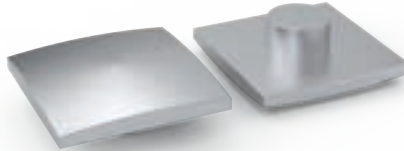
40x40 Sabit Mafsal Lamalı  
40x40 Fixed Joint with Lama

**ZM  
4407**



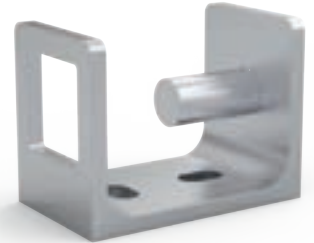
40x40 Yer Flanşı Düz  
40x40 Ground Flange Flat

**ZM  
4408**



40x40 Tapa  
40x40 Plug

**ZM  
4409**



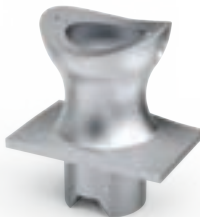
40x40 Yandan U Bağlantı  
40x40 Side U Connection

**ZM  
4201**



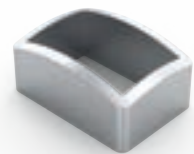
40x25 Hareketli Mafsal Takımı  
40x25 Moving Joint Team

**ZM  
4202**



40x25 Sabit Mafsal  
40x25 Fixed Joint

**ZM  
4203**



40x25 Yer Flanşı Düz  
40x25 Ground Flange Flat

# 14x14 Kare Seri

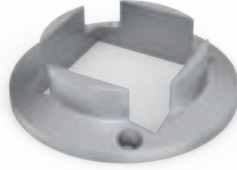
## 14x14 Square Series

**ZM**  
**1401**



14x14 Kare Tapa  
14x14 Square Plug

**ZM**  
**1402**



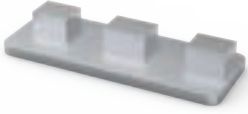
14x14 Kare Kubbeli Tapa  
14x14 Square Domed Plug

**ZM**  
**1403**



14x14 Kare Mızrak Tapa  
14x14 Square Spear Plug

**ZM**  
**1404**



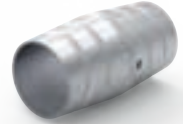
14x14 Kare Salkım Tapa  
14x14 Square Bunch Plug

**ZM**  
**1405**



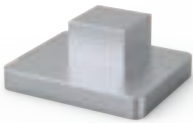
14x14 Kare Vida Gizleme  
14x14 Square Screw Hiding

**ZM**  
**1406**



14x14 Kare Oynar  
14x14 Square Moving

**ZM**  
**1407**



14x14 Kare Pullu Oynar  
14x14 Square Stamp Moving

**ZM**  
**1408**



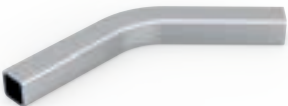
14x14 Kare Dışa Geçme Oynar  
14x14 Square Moving Externally

**ZM**  
**1409**



14x14 Kare Dirsek 90°  
14x14 Square Elbow 90°

**ZM**  
**1410**



14x14 Kare Dirsek 45°  
14x14 Square Elbow 45°

**ZM**  
**1411**



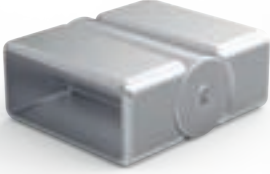
14x14 Kare Boru Tutamağı İşlemsiz  
14x14 Square Pipe Handle

**ZM**  
**1412**



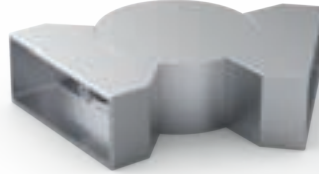
14x14 Kare Bilezik  
14x14 Square Ring

**ZM**  
**8001**



80x30 Kaynaklı Dik Açılı Dirsek  
80x30 Weld Perpendicular Angle Elbow

**ZM**  
**8002**



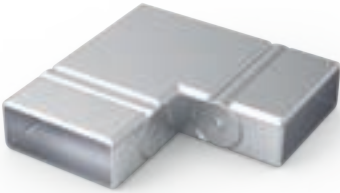
80x30 90° Hareketli Dirsek  
80x30 90° Moving Elbow

**ZM**  
**8003**



80x30 90° Dirsek 45°  
80x30 90° Elbow 45°

**ZM**  
**8004**



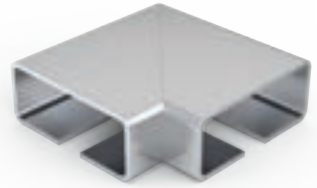
80x30 90° Dirsek 45°x45°  
80x30 90° Elbow 45°x45°

**ZM**  
**8005**



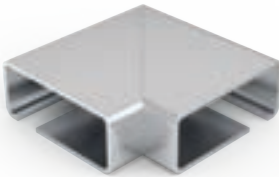
80x30 90° Dirsek  
80x30 90° Elbow

**ZM**  
**8006**



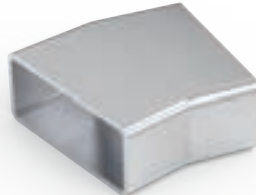
80x30 90° Ortadan Kanallı Dirsek  
80x30 90° Middle Channel Elbow

**ZM**  
**8007**



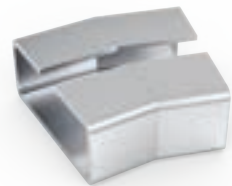
80x30 90° Önden Kanallı Dirsek  
80x30 90° Front Channel Elbow

**ZM**  
**8008**



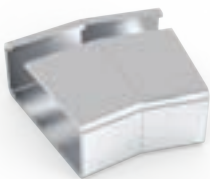
80x30 45° Dirsek  
80x30 45° Elbow

**ZM**  
**8009**



80x30 45° Ortadan Kanallı Dirsek  
80x30 45° Middle Channel Elbow

**ZM**  
**8010**



80x30 45° Önden Kanallı Dirsek  
80x30 45° Front Channel Elbow

**ZM**  
**8011**



80x30 Dıştan Vidalı Duvar Flanşı  
80x30 Wall Flange Externally

**ZM**  
**8012**



80x30 Tapa  
80x30 Plug

# 60x25 Kare Seri

## 60x25 Square Series

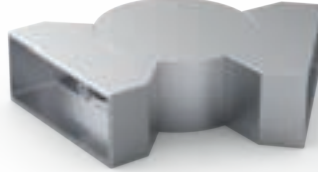


**ZM**  
**6001**



60x25 Kaynaklı Dik Açılı Dirsek  
60x25 Weld Perpendicular Angle Elbow

**ZM**  
**6002**



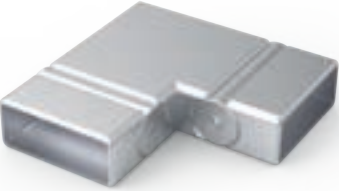
60x25 90° Hareketli Dirsek  
60x25 90° Moving Elbow

**ZM**  
**6003**



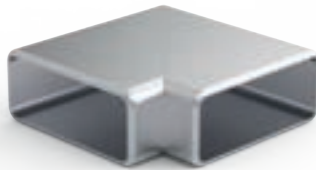
60x25 90° Dirsek 45°  
60x25 90° Elbow 45°

**ZM**  
**6004**



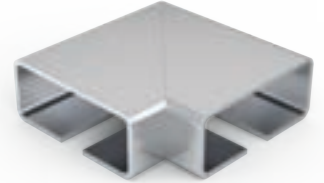
60x25 90° Dirsek 45°x45°  
60x25 90° Elbow 45°x45°

**ZM**  
**6005**



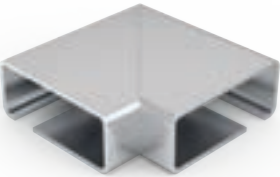
60x25 90° Dirsek  
60x25 90° Elbow

**ZM**  
**6006**



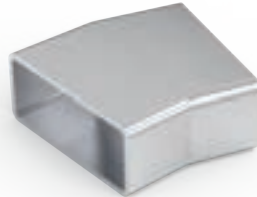
60x25 90° Ortadan Kanallı Dirsek  
60x25 90° Middle Channel Elbow

**ZM**  
**6007**



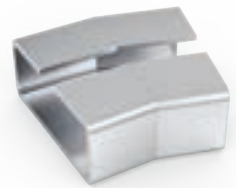
60x25 90° Önden Kanallı Dirsek  
60x25 90° Front Channel Elbow

**ZM**  
**6008**



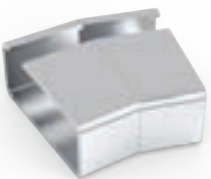
60x25 45° Dirsek  
60x25 45° Elbow

**ZM**  
**6009**



60x25 45° Ortadan Kanallı Dirsek  
60x25 45° Middle Channel Elbow

**ZM**  
**6010**



60x25 45° Önden Kanallı Dirsek  
60x25 45° Front Channel Elbow

**ZM**  
**6011**



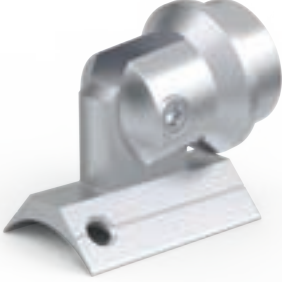
60x25 Dıştan Vidalı Duvar Flanşı  
60x25 Wall Flange Externally

**ZM**  
**6012**



60x25 Tapa  
60x25 Plug

**ZM**  
**3501**



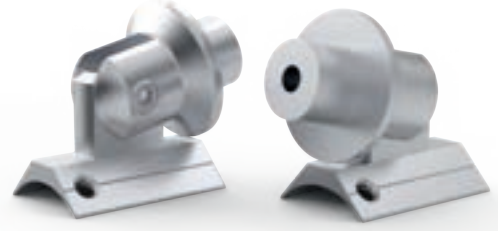
35' lik Hareket Mafsal Takımı 3 Alyan  
35' Moving Joint 3 Allen

**ZM**  
**3502**



35' lik Hareket Mafsal Takımı 4 Alyan  
35' Moving Joint 4 Allen

**ZM**  
**3503**



35' lik Hareketli Mafsal Takımı Dışa Geçme  
35' Moving Joint Externally

**ZM**  
**3504**



35' lik Sabit Mafsal Somunlu  
35' Fixed Joint with Nut

**ZM**  
**3505**



35' lik Ayak  
35' Stand

**ZM**  
**3506**



35' lik Ayak Dolu  
35' Stand Filled

**ZM**  
**3507**



35' lik Yuvalı Ayak  
35' Slot Stand

**ZM**  
**3508**



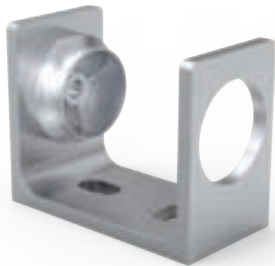
35' lik Boş Tapa  
35' Empty Plug

**ZM**  
**3509**



35' lik Boruya Göre Pul  
35' Stamp By Pipe

**ZM**  
**3510**



35' lik Yandan U Bağlantı  
35' Side U Connection

**ZM**  
**3511**



35' lik Dekorlu Flanş  
35' Decorative Flange

**ZM**  
**3512**

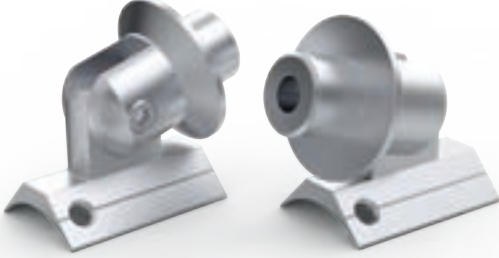


35' lik Uzatma Aparatı  
35' Extension Apparatus

# 40' lık Seri

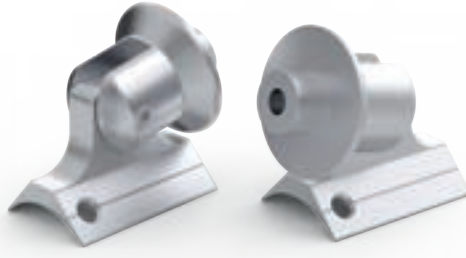
40' Series

ZM  
4001



40' lık Hareketli Mafsal Takımı  
40' Moving Joint

ZM  
4002



40' lık Hareketli Mafsal Takımı Dışa Geçme  
40' Moving Joint Externally

ZM  
4003



40' lık Sabit Mafsal  
40' Fixed Joint

ZM  
4004



40' lık Sabit Mafsal Dışa Geçme  
40' Moving Joint Externally

ZM  
4005



40' lık Dikme Flanş Tek Tırnak  
40' Pillar Flange One Quated

ZM  
4006



40' lık Dikme Flanş Papatya Tek Tırnak  
40' Pillar Flange Decorative One Quated

ZM  
4007



40' lık Sac Yer Flanş  
40' Ground Flange Eco

ZM  
4008



40' lık Dekorlu Flanş  
40' Decorative Flange

ZM  
4009



40' lık Yandan U Bağlantı  
40' Side U Connection

ZM  
4010



40' lık Dıştan Vidalı Duvar Flanş  
40' Wall Flange Externally Screwed

ZM  
4011



40' lık Uzatma Aparatı  
40' Extension Apparatus

**ZM**  
**5001**



50' lik Mafsal Takımı Dışa Geçme  
50' Moving Joint Externally

**ZM**  
**5002**



50' lik Mafsal Takımı Oval  
50' Moving Joint Elliptic

**ZM**  
**5003**



50' lik Ayak  
50' Stand

**ZM**  
**5004**



50' lik Duvar Flanşı Çift Delik  
50' Wall Flange Double Hole

**ZM**  
**5005**



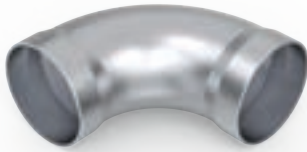
50' lik Duvar Flanşı Tek Delik  
50' Wall Flange Single Hole

**ZM**  
**5006**



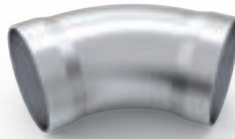
50' lik Dıştan Vidalı Duvar Flanşı  
50' Wall Flange Externally

**ZM**  
**5007**



50' lik Şişme Dirsek 90°  
50' Elbow 90°

**ZM**  
**5008**



50' lik Şişme Dirsek 45°  
50' Elbow 45°

**ZM**  
**5009**



50' lik Boş Küre  
50' Sphere Empty

**ZM**  
**5010**



50' lik Yarı Dolu Küre  
50' Sphere Half Full

**ZM**  
**5011**



50' lik Açık Ayarlı Duvar Flanşı (Ufo)  
50' Wall Flange Adjustable

**ZM**  
**5012**



50' lik Bilezik  
50' Ring



## 50' lik Seri

50' Series

ZM  
5013



50' lik Takoz  
50' Wedge

ZM  
5014



50' lik Topuz  
50' Knob

ZM  
5015



50' lik Pleksi Topuz  
50' Plexi Knob

ZM  
5016



50' lik Boş Tapa  
50' Plug Empty

ZM  
6501



65' lik Kristal Topuz  
65' Crystal Knob

ZM  
6502



65' lik Pleksi Topuz  
65' Plexi Knob

ZM  
6503



65' lik Topuz  
65' Knob

**ZM**  
**1901**



19' luk Alüminyum Vida Gizleme  
19' Screw Hiding Aluminium

**ZM**  
**1902**



19' luk Plastik Vida Gizleme  
19' Screw Hiding Plastic

**ZM**  
**1903**



19' luk Zamak Vida Gizleme  
19' Screw Hiding Zinc

**ZM**  
**1904**



19' luk Pul Vida Gizleme  
19' Screw Hiding Stamp

**ZM**  
**1905**



19' luk Topuz Dirsek  
19' Knob Elbow

**ZM**  
**1906**



19' luk Dirsek 90°  
19' Elbow 90°

**ZM**  
**1907**



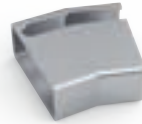
19' luk Dirsek 45°  
19' Elbow 45°

**ZM**  
**1908**



19' luk Tapa Cnc  
19' Plug Cnc

**ZM**  
**1909**



19' luk Pres Tapa  
19' Press Plug

**ZM**  
**1910**



19' luk Kubbeli Tapa  
19' Domed Plug

**ZM**  
**1911**



19' luk Mızrak Tapa  
19' Spear Plug

**ZM**  
**1912**



19' luk Salkım Tapa  
19' Bunch Plug

# 19' luk Seri

19' Series

**ZM**  
**1913**



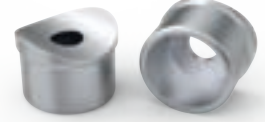
19' luk Topuz Tapa  
19' Knob Plug

**ZM**  
**1914**



19' luk İçten Vidalı Duvar Flanşı  
19' Wall Flange

**ZM**  
**1915**



19x50 Kurtağzı Duvar Flanşı  
19x50 Wall Flange

**ZM**  
**1916**



19' luk Dıştan Vidalı Duvar Flanşı  
19' Wall Flange Externally

**ZM**  
**1917**



19' luk Bilezik  
19' Ring

**ZM**  
**1918**



19' luk Kum Saati Ara Süs  
19' Intermediate Ornament

**ZM**  
**1919**



19' luk Tekli Ara Süs  
19' Intermediate Ornament

**ZM**  
**1920**



19' luk Boruya Göre Pul  
19' Stamp By Pipe

**ZM**  
**1601**



16' İlık Alüminyum Vida Gizleme  
16' Screw Hiding Aluminium

**ZM**  
**1602**



16' İlık Plastik Vida Gizleme  
16' Screw Hiding Plastic

**ZM**  
**1603**



16' İlık Zamak Vida Gizleme  
16' Screw Hiding Zinc

**ZM**  
**1604**



16' İlık Pul Vida Gizleme  
16' Screw Hiding Stamp

**ZM**  
**1605**



16' İlık Topuz Dirsek  
16' Knob Elbow

**ZM**  
**1606**



16' İlık Dirsek 90°  
16' Elbow 90°

**ZM**  
**1607**



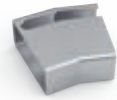
16' İlık Dirsek 45°  
16' Elbow 45°

**ZM**  
**1608**



16' İlık Tapa Cnc  
16' Plug Cnc

**ZM**  
**1609**



16' İlık Pres Tapa  
16' Press Plug

**ZM**  
**1610**



16' İlık Kubbeli Tapa  
16' Domed Plug

**ZM**  
**1611**



16' İlık Mızrak Tapa  
16' Spear Plug

**ZM**  
**1612**



16' İlık Salkım Tapa  
16' Bunch Plug

# 16' İlık Seri

16' Series

ZM  
1613



16' İlık Topuz Tapa  
16' Knob Plug

ZM  
1614



16' İlık Bitiş Tapası  
16' End Plug

ZM  
1615



16' İlık İçten Vidalı Duvar Flanşı  
16' Wall Flange

ZM  
1616



16x50 Kırtacağı Duvar Flanşı  
16x50 Wall Flange

ZM  
1617



16' İlık Dıştan Vidalı Duvar Flanşı  
16' Wall Flange Externally

ZM  
1618



16' İlık Bilezik  
16' Ring

ZM  
1619



16' İlık Kum Saati Ara Süs  
16' Intermediate Ornament

ZM  
1620



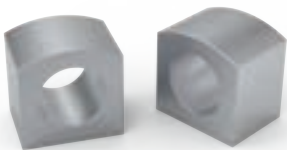
16' İlık Tekli Ara Süs  
16' Intermediate Ornament

ZM  
1621



16' İlık 3 Boğumlu Ara Süs  
16' Intermediate Ornament

ZM  
1622



16' İlık Boru Tutamağı  
16' Pipe Handle

ZM  
1623



16' İlık Hareketli Boru Tutamağı  
16' Moving Pipe Handle

ZM  
1624



16x35 Hareketli Mafsal  
16x35 Moving Joint

**ZM**  
**2501**



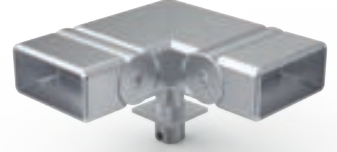
25' lik Tapa  
25' Plug

**ZM**  
**2502**



25' lik Eksantrik Tapa  
25' Eccentric Plug

**ZM**  
**2503**



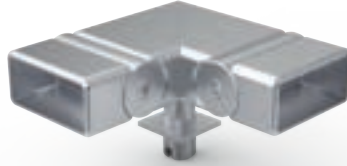
25 lik Oynar Topuz  
25' Moving Knob

**ZM**  
**3001**



30' luk Boş Tapa  
30' Empty Plug

**ZM**  
**3002**



30' luk Oynar Topuz  
30' Moving Knob

# Yardımcı Elemanlar

Assistants

**ZM  
7001**



Duvar Y Bağlantı Takımı  
Wall Y Connection Team

**ZM  
7002**



Duvar L Bağlantı 90°  
Wall L Connection 90°

**ZM  
7003**



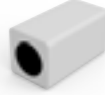
Duvar L Bağlantı 45°  
Wall L Connection 45°

**ZM  
7004**



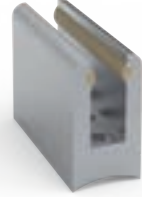
Cam Klipsi  
Glass Clips

**ZM  
7005**



Cam Stopbu  
Glass Stop

**ZM  
7006**



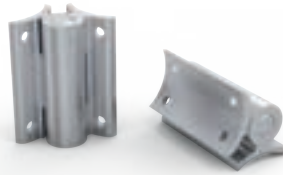
Kapaklı Fıtilli Cam Klipsi  
Glass Clips

**ZM  
7007**



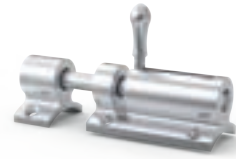
Spider Cam Tutucu  
Spider Glass Holder

**ZM  
7008**



Alüminyum Mentеше  
Aluminium Hinge

**ZM  
7009**



Alüminyum Sürgü  
Aluminium Slide

**ZM  
7010**



Alüminyum Çamaşılık  
Aluminium Laundry

**ZM  
7011**



80x30 Alüminyum Çamaşılık  
80x30 Aluminium Laundry

**ZM  
7012**



60x25 Alüminyum Çamaşılık  
60x25 Aluminium Laundry

**ZM**  
**7013**



M8 Gijon (1 mt - 1.20 mt - 2 mt)  
M8 Gijon (1 mt - 1.20 mt - 2 mt)

**ZM**  
**7014**



M10 Gijon  
M10 Gijon

**ZM**  
**7015**



15 cm Boş Ankraj  
15 cm Empty Anchor

**ZM**  
**7016**



18 cm Boş Ankraj  
18 cm Empty Anchor

**ZM**  
**7017**



20 cm Boş Ankraj  
20 cm Empty Anchor

**ZM**  
**7018**



15 cm Dolu Ankraj  
15 cm Full Anchor

**7019**



18 cm Dolu Ankraj  
18 cm Full Anchor

**ZM**  
**7020**



20 cm Dolu Ankraj  
20 cm Full Anchor

**ZM**  
**7021**



22 cm Dolu Ankraj  
22 cm Full Anchor

**ZM**  
**7022**



18 cm Vidalı Somunlu Dolu Ankraj  
18 cm Screw Nut Full Anchor

**ZM**  
**7023**



20 cm Vidalı Somunlu Dolu Ankraj  
20 cm Screw Nut Full Anchor

**ZM**  
**7024**



20 cm - 8 cm Vidalı Somunlu Ankraj  
20 cm - 8 cm Screw Nut Anchor



# Yardımcı Elemanlar

Assistants



ZM  
7025



Kimyasal Dübel  
Chemical Dowel

ZM  
7026



Cam Stubu  
Glass Stop

**AL  
V100**



10 - 12 mm cam ile kullanılır.  
Used with 10 - 12 mm glass.

**AL  
V101**



10 - 12 mm cam ile kullanılır.  
Used with 10 - 12 mm glass.

**AL  
V102**



10 - 12 mm cam ile kullanılır.  
Used with 10 - 12 mm glass.

**AL  
V150**



10 - 12 mm cam ile kullanılır.  
Used with 10 - 12 mm glass.

**AL  
V151**



10 - 12 mm cam ile kullanılır.  
Used with 10 - 12 mm glass.

**AL  
V155**



16 - 20 mm cam ile kullanılır.  
Used with 16 - 20 mm glass.

**AL  
V156**



16 - 20 mm cam ile kullanılır.  
Used with 16 - 20 mm glass.

**AL  
V200**



16 mm cam ile kullanılır.  
Used with 16 mm glass.

**AL  
V201**



12 mm cam ile kullanılır.  
Used with 12 mm glass.

**AL  
V400**



16 mm cam ile kullanılır.  
Used with 16 mm glass.

**AL  
V401**



16 mm cam ile kullanılır.  
Used with 16 mm glass.

-



50 mm Kanal Boru  
50 mm Duct Pipe

# CAM AYAKLARI

## GLASS FEET

-



16 - 20 mm Cam Kanallı Profil  
16 - 20 mm Glass Channel Profile

-



16 mm Cam Çıta Profil  
16 mm Glass Bead Profile

-



20 mm Cam Çıta Profil  
20 mm Glass Bead Profile

-



Etek Profili Düz  
Skirt Profile Straight

-



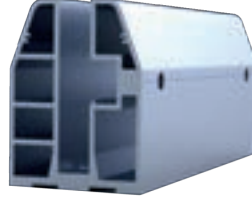
Etek Profili  
Skirt Profile

**AL**  
**1000**



10 - 12 mm cam ile kullanılır.  
Used with 10 - 12 mm glass.

**MW**  
**5500**



**XV**  
**7500**



**BV**  
**4500**



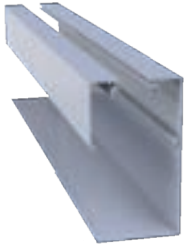
**BV**  
**8500**



**BV**  
**8502**



**BV**  
**9500S**



# Alüminyum Korkuluk Sistemleri Aluminium Handrail Systems

## ZENGİN METAL

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