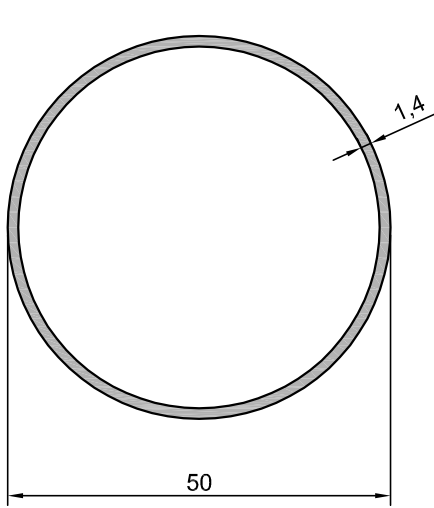


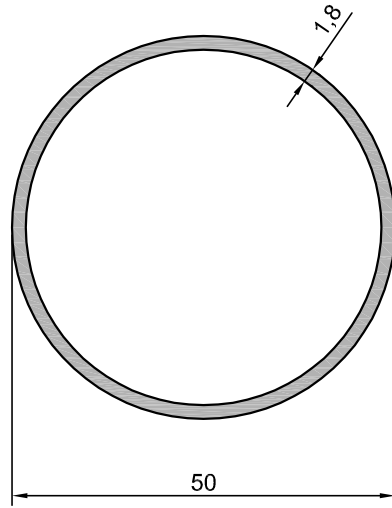


HANDTRAIL
PROFILES

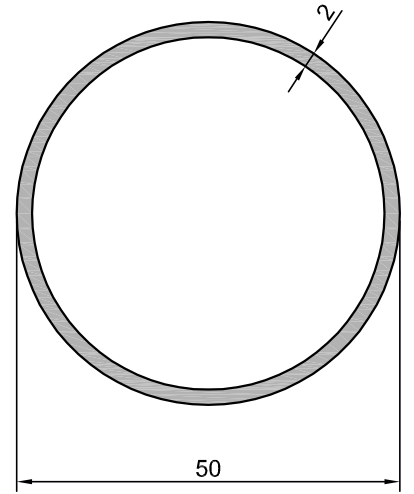




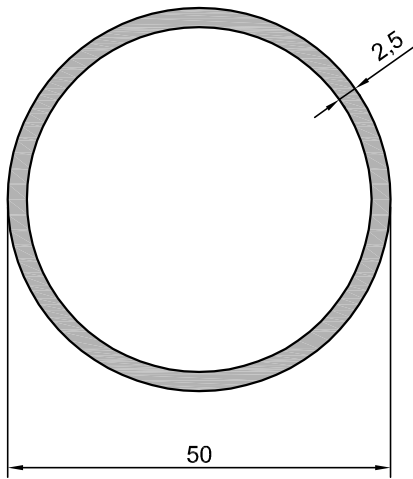
605.02
0,579 kg/m



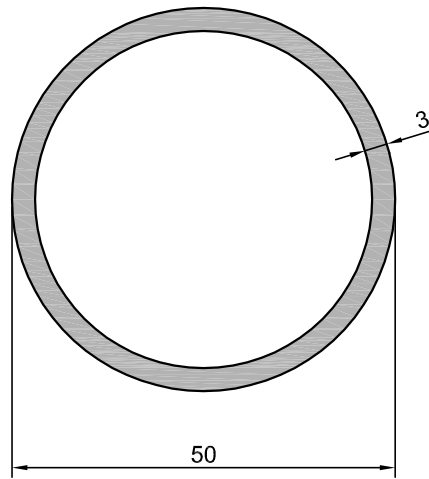
605.82
0,740 kg/m



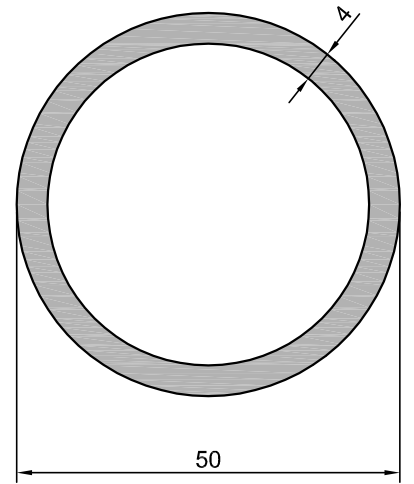
605.04
0,817 kg/m



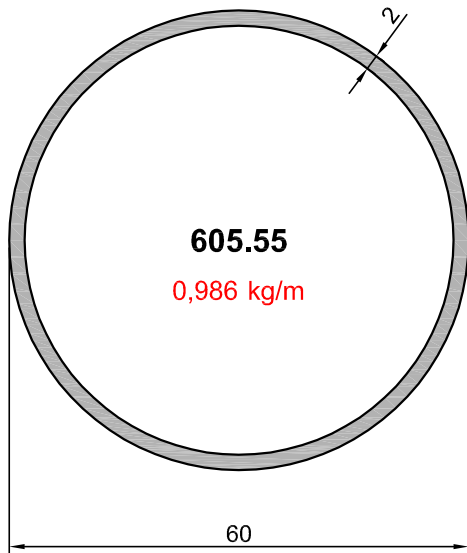
605.23
1,010 kg/m



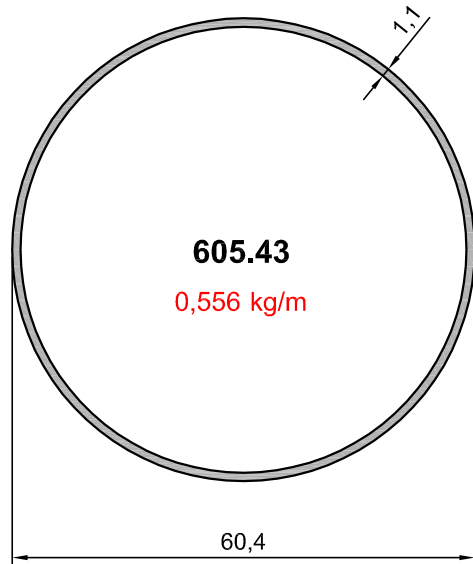
605.48
1,201 kg/m



605.65
1,566 kg/m

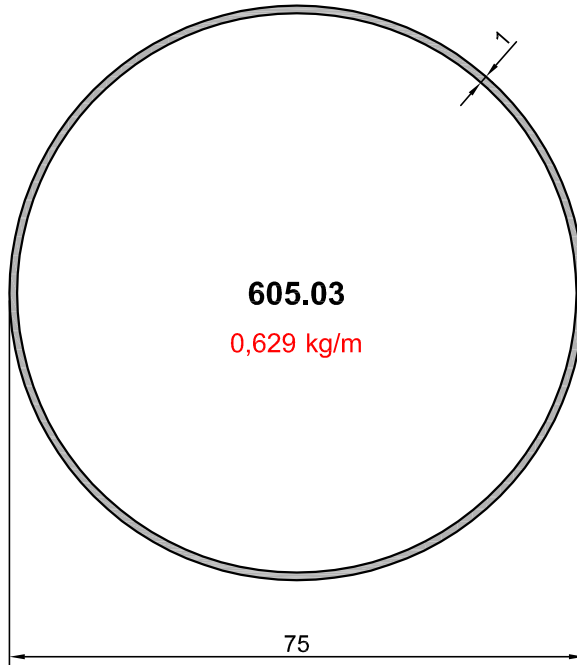
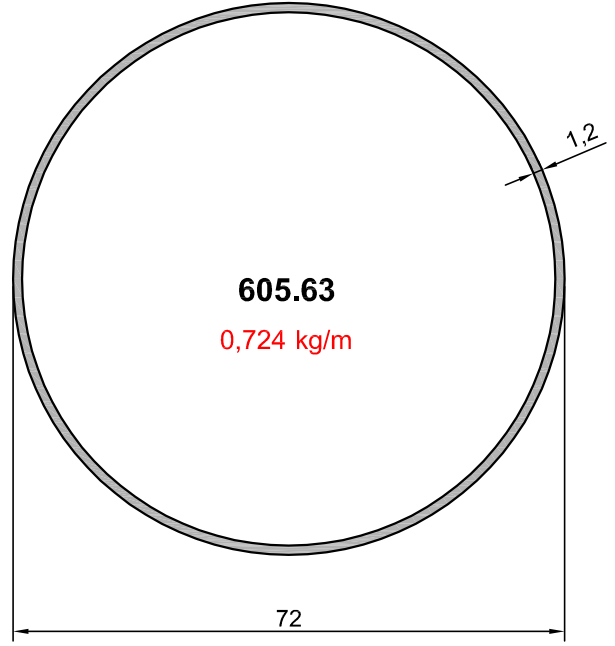
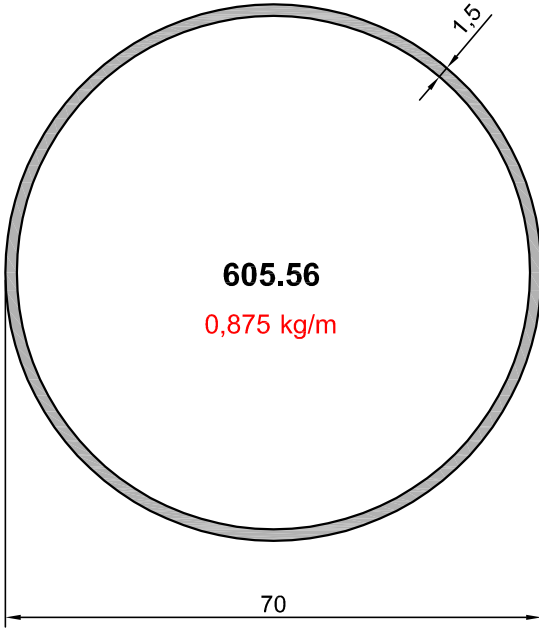


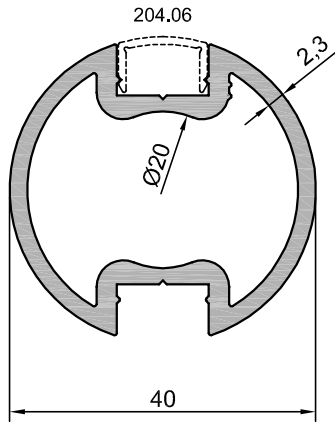
605.55
0,986 kg/m



605.43
0,556 kg/m

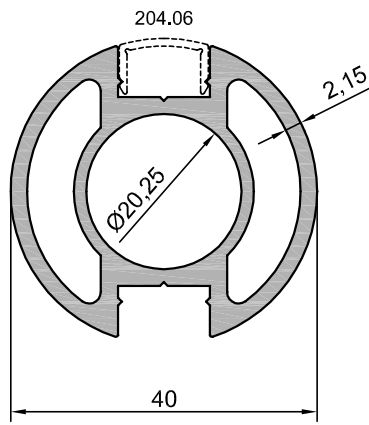
Not: Katalog'ta verilen profil birim ağırlıklar hesaplanırken toleranslar dikkate alınmalıdır. (±) % 10' ı dur.





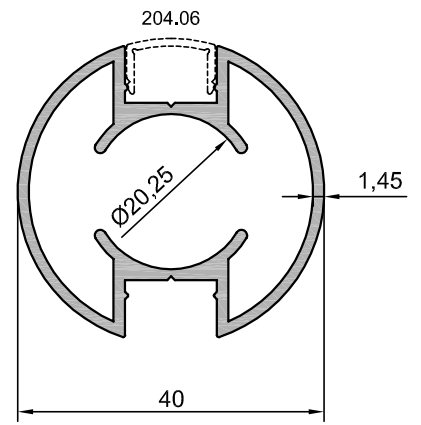
204.01

0,942 kg/m



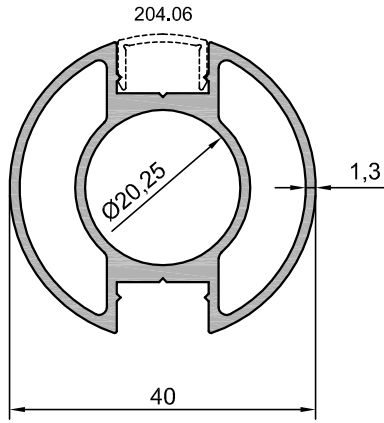
204.07

1,098 kg/m



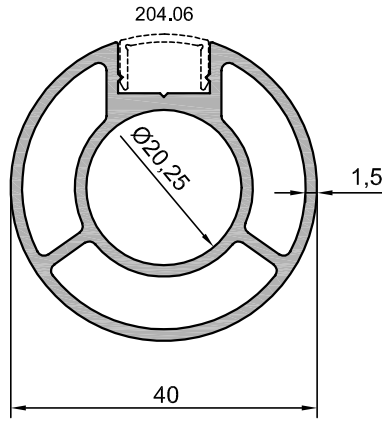
204.10

0,778 kg/m



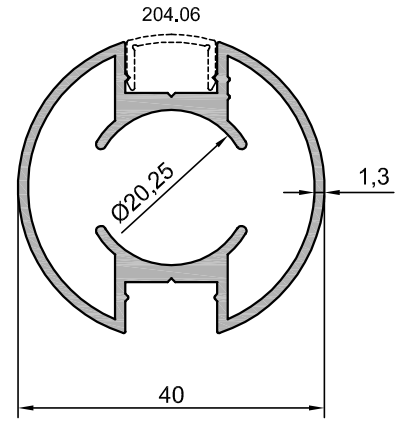
204.15

0,800 kg/m



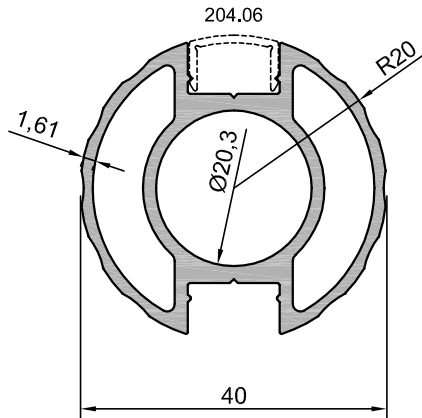
204.17

0,889 kg/m



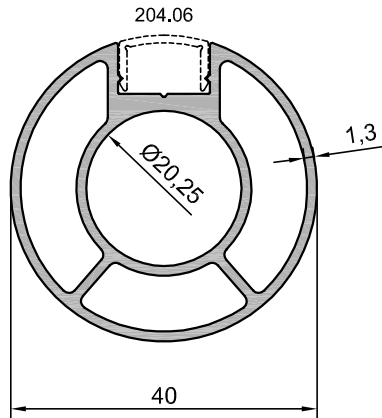
204.27

0,721 kg/m



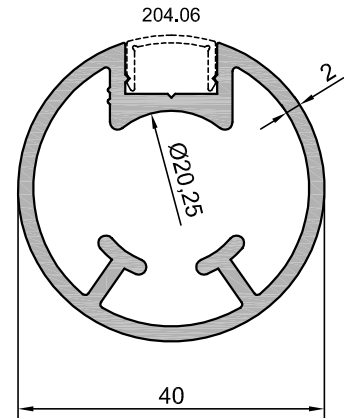
204.24

0,914 kg/m



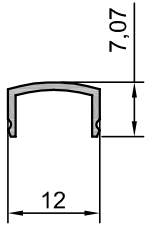
204.41

0,789 kg/m



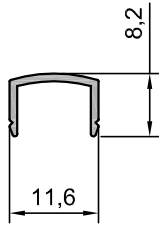
204.65

0,911 kg/m



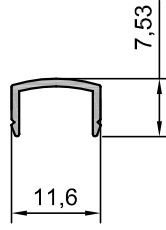
204.13

0,060 kg/m



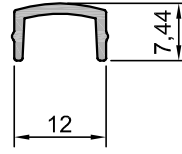
204.14

0,065 kg/m



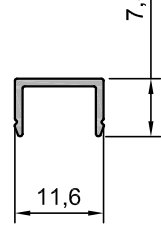
204.06

0,060 kg/m



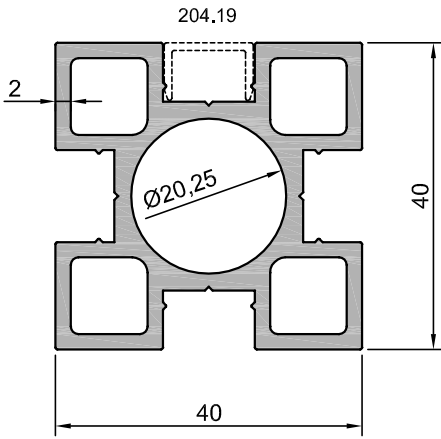
204.05

0,080 kg/m



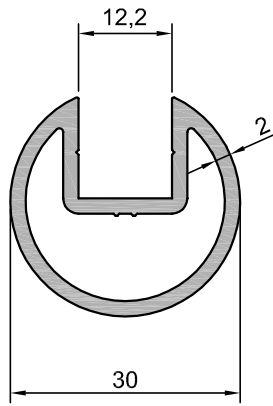
204.19

0,064 kg/m



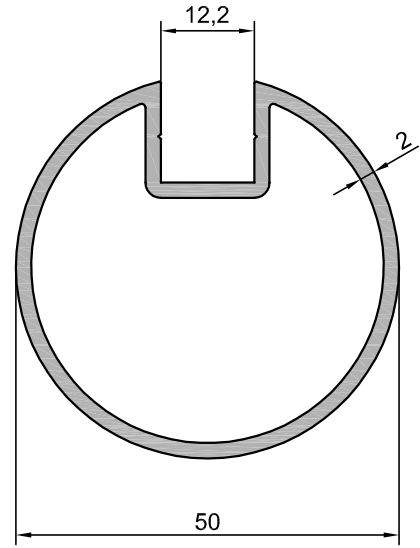
204.18

1,400 kg/m



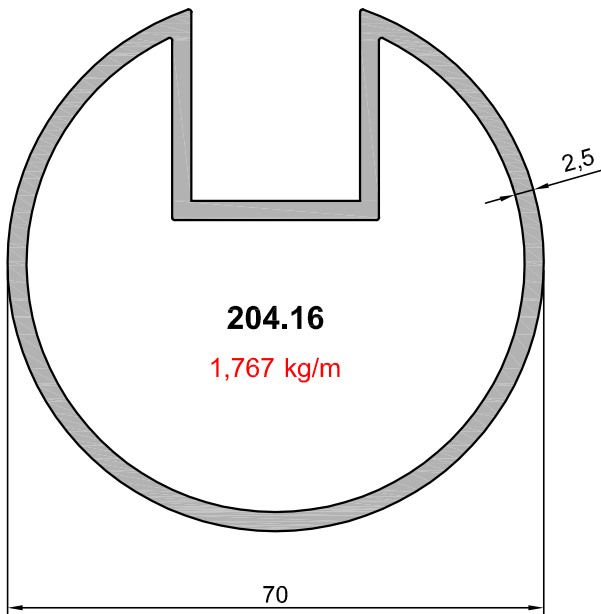
204.26

0,607 kg/m



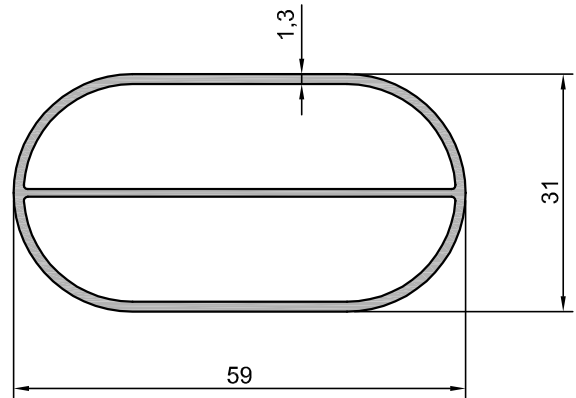
204.21

0,951 kg/m



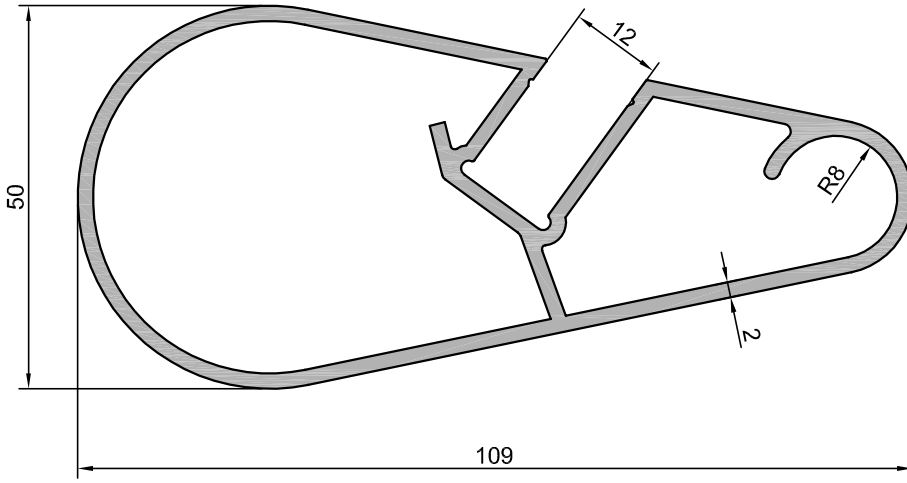
204.16

1,767 kg/m

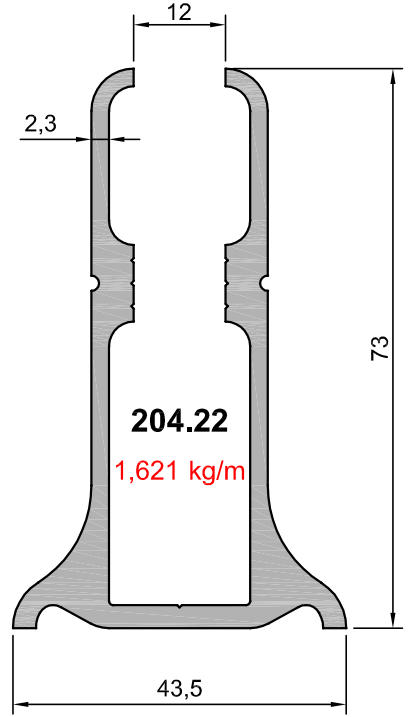


204.23

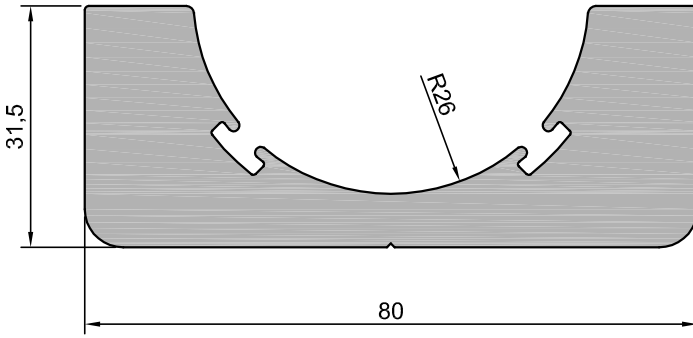
0,680 kg/m



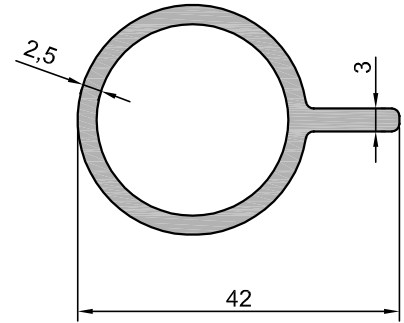
204.25
1,748 kg/m



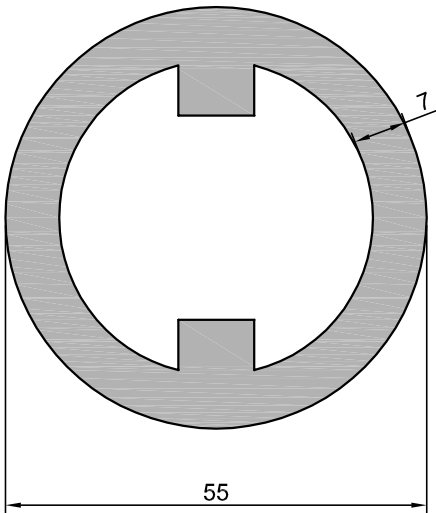
204.22
1,621 kg/m



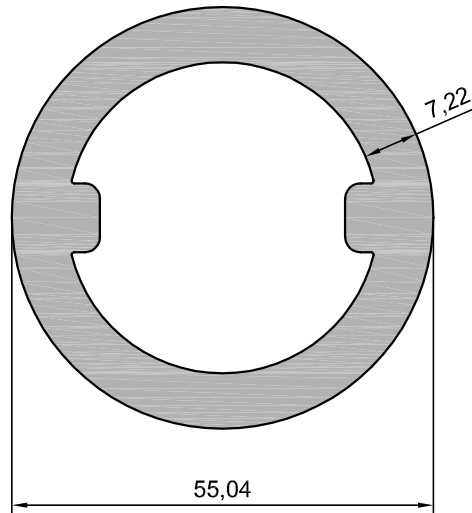
204.49
4,012 kg/m



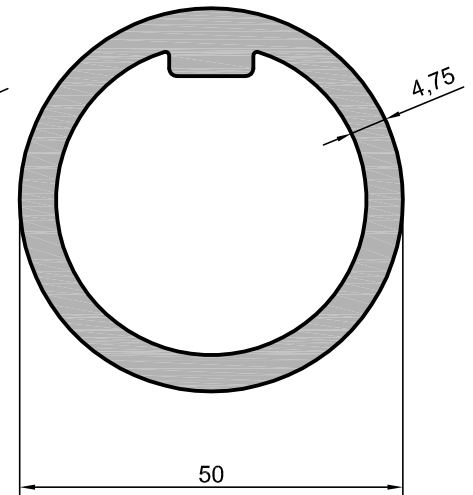
204.50
0,682 kg/m



204.02
3,423 kg/m

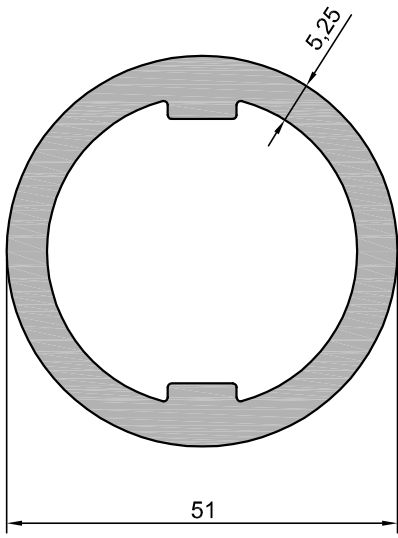


204.08
3,121 kg/m



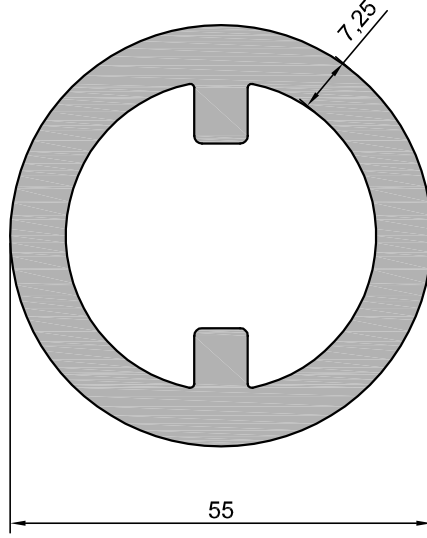
204.31
1,943 kg/m

Not: Katalog'ta verilen profil birim ağırlıklar hesaplanırken toleranslar dikkate alınmalıdır. (±) % 10' ı dur.



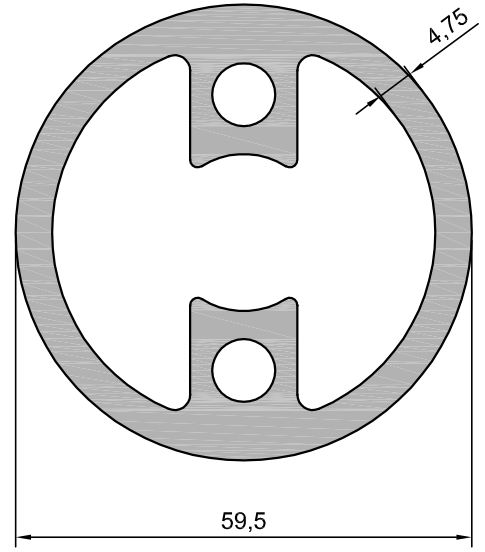
204.32

2,184 kg/m



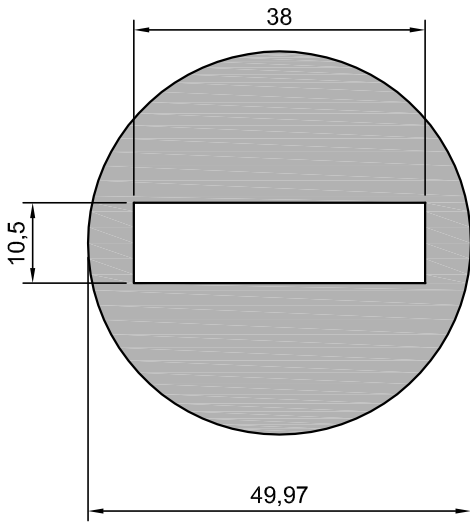
204.33

3,252 kg/m



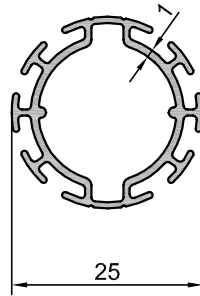
204.34

3,100 kg/m



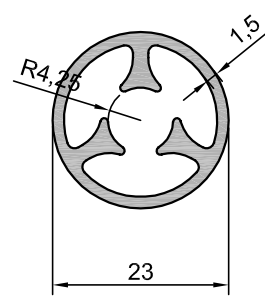
204.28

4,241 kg/m



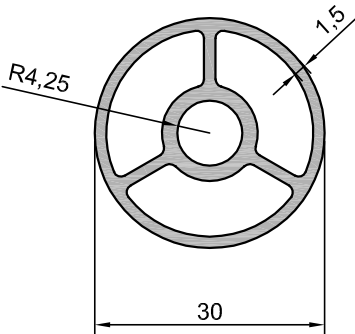
204.40

0,301 kg/m



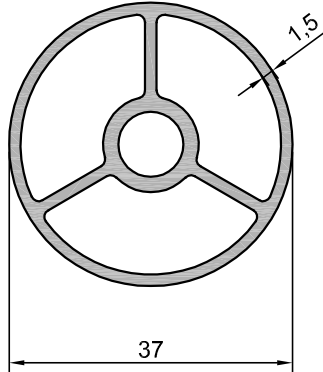
204.45

0,420 kg/m



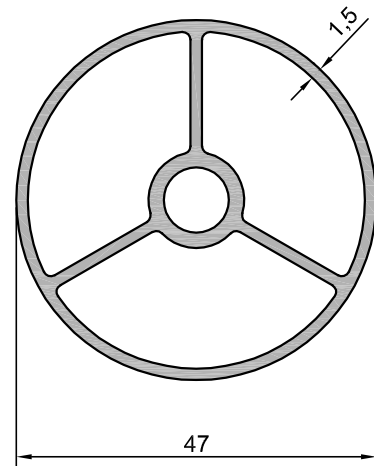
204.43

0,640 kg/m



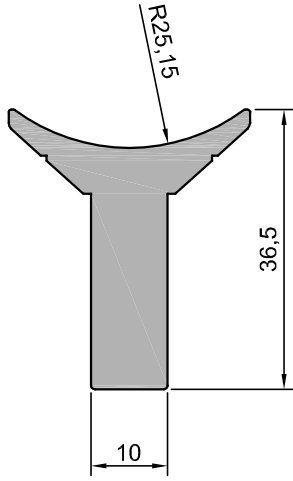
204.44

0,770 kg/m

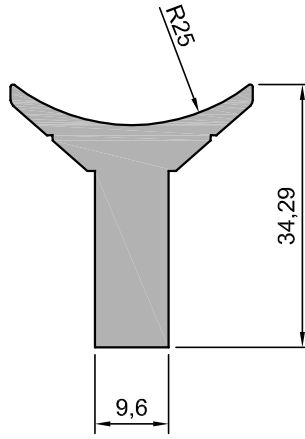


204.42

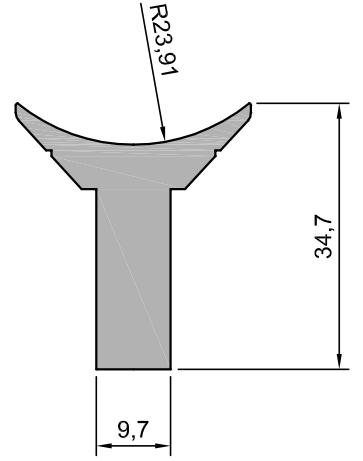
0,958 kg/m



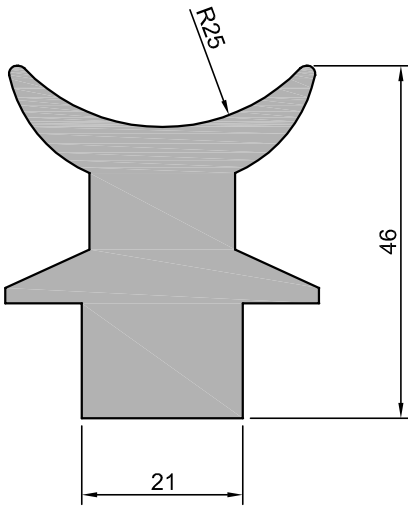
204.09
1,117 kg/m



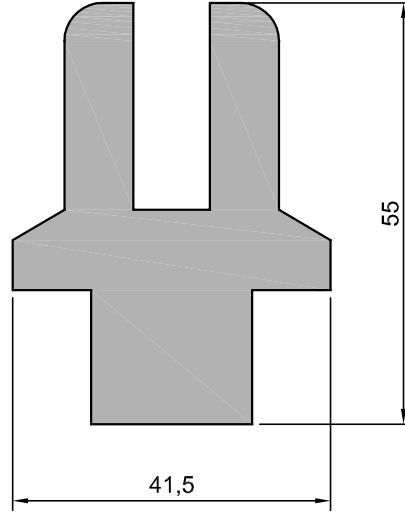
204.35
1,024 kg/m



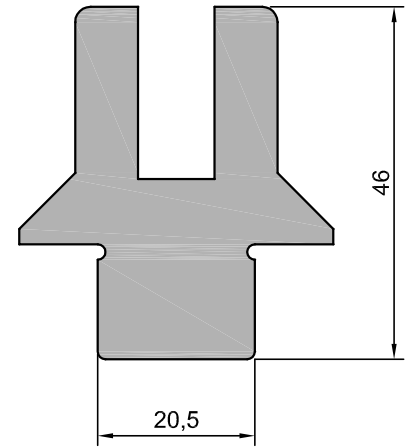
204.04
1,030 kg/m



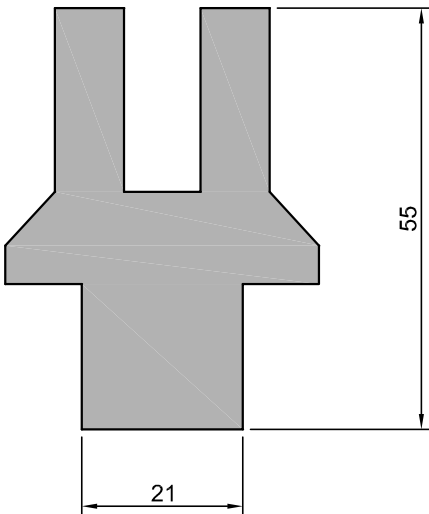
204.36
2,721 kg/m



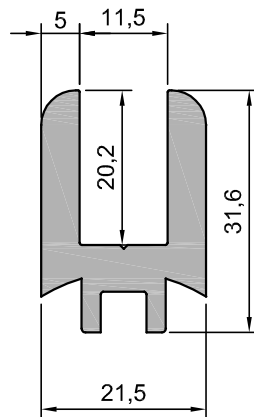
204.38
3,393 kg/m



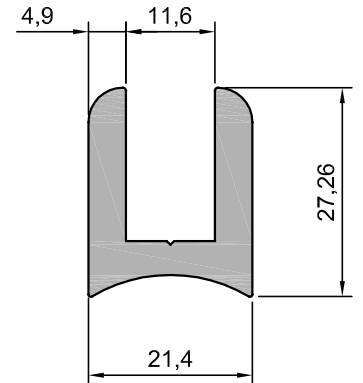
204.39
2,650 kg/m



204.03
3,462 kg/m

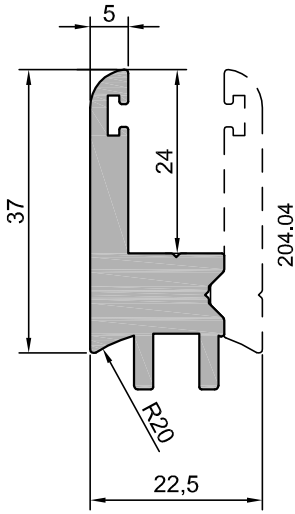


204.61
0,932 kg/m



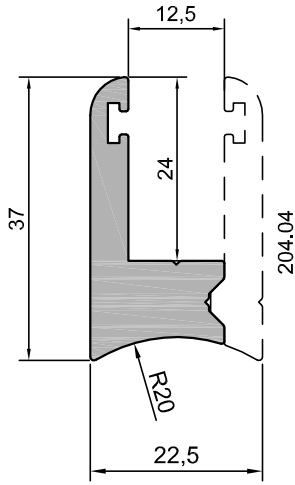
204.37
0,821 kg/m

Not: Katalog'ta verilen profil birim ağırlıklar hesaplanırken toleranslar dikkate alınmalıdır. (±) % 10' ı dur.



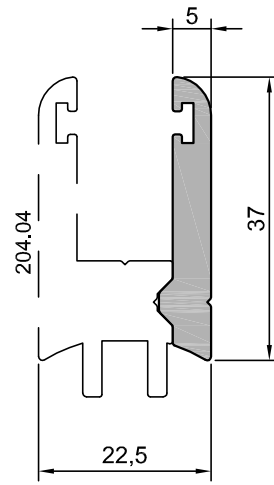
204.62

0,932 kg/m



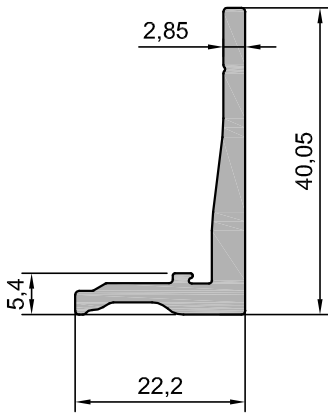
204.63

0,932 kg/m



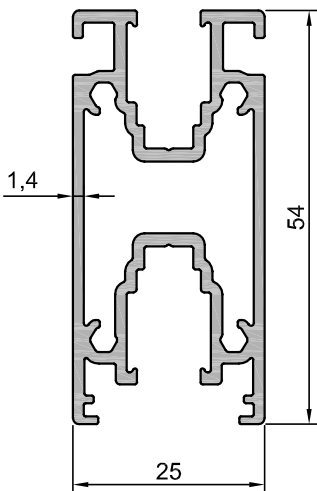
204.64

0,932 kg/m



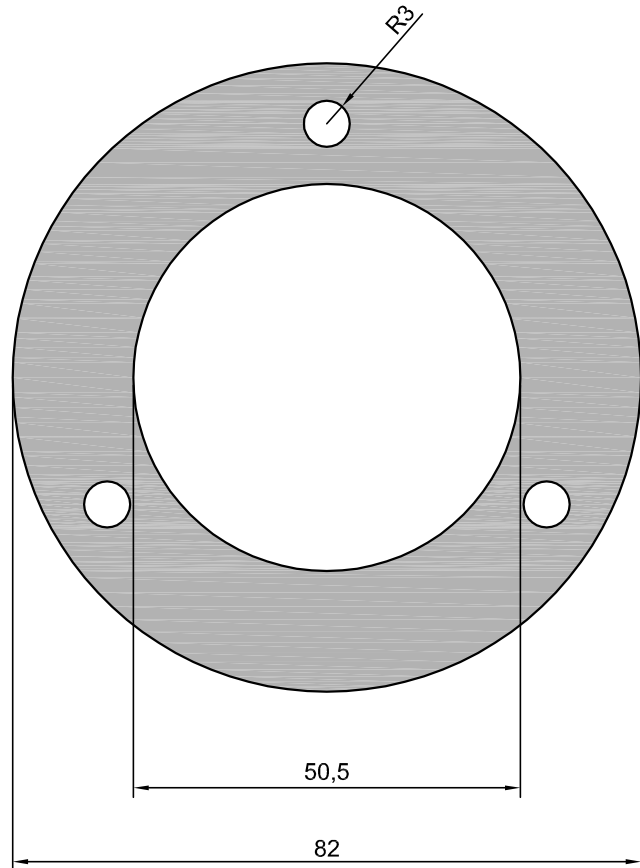
204.11

0,541 kg/m



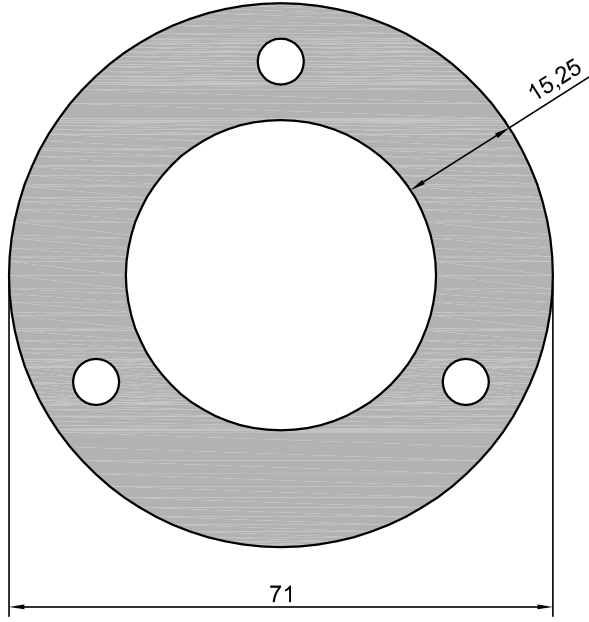
204.12

0,970 kg/m



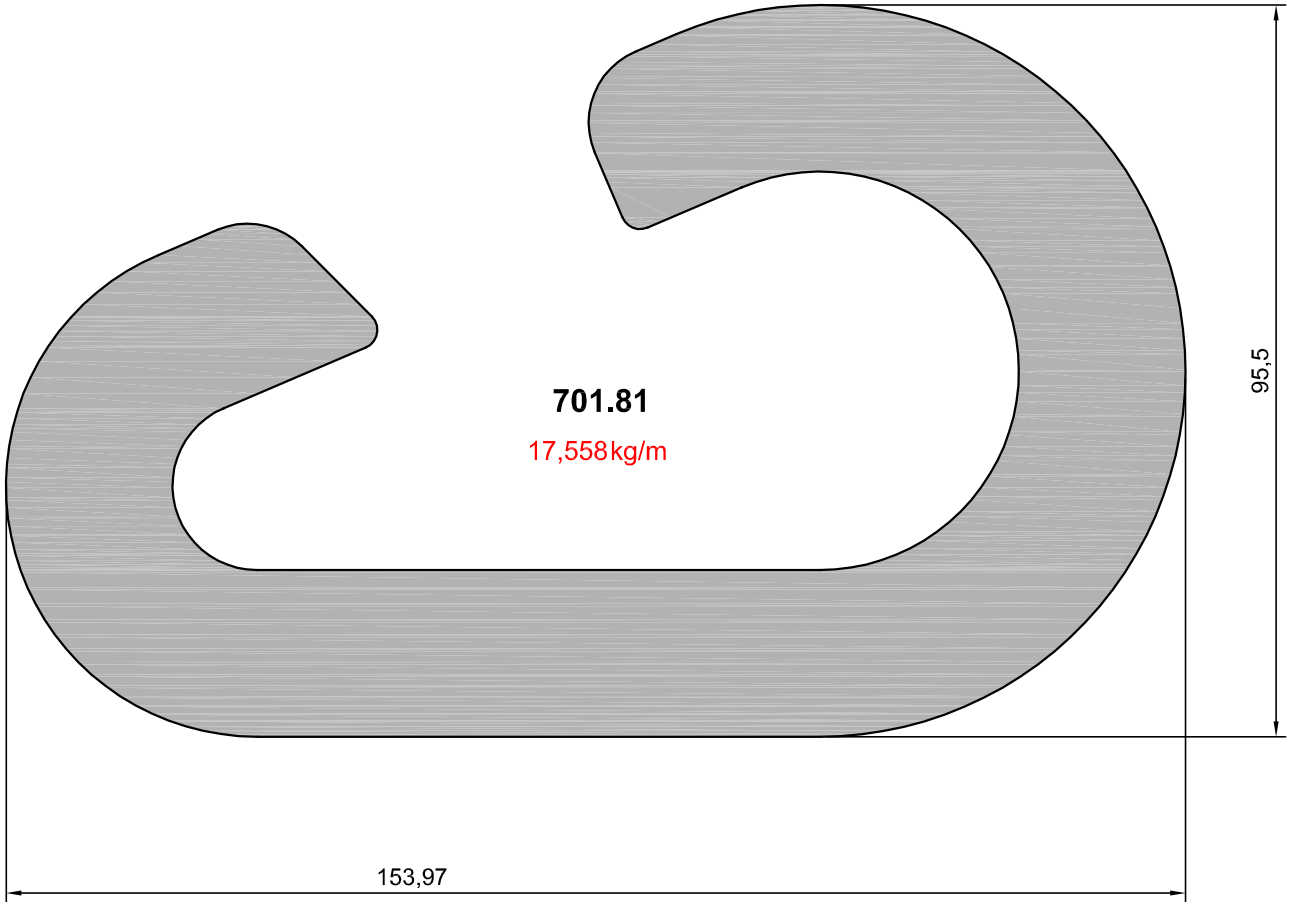
204.29

8,653 kg/m



204.30

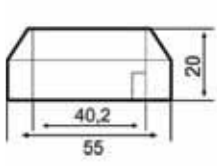
7,008 kg/m



701.81

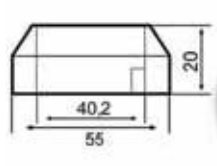
17,558kg/m

TK A10.01



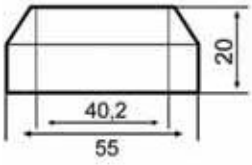
Ø 40'lık Tırnaklı Dikme Flaşı

TK A10.02



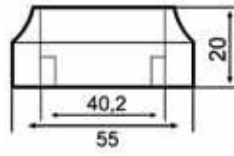
Ø 40'lık Tek Tırnaklı Dikme Flaşı

TK A10.03



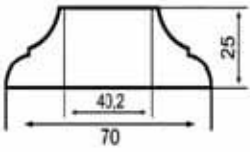
Ø 40'lık Tırnaksız Dikme Flaşı

TK A10.04



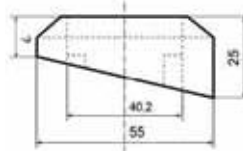
Ø 40'lık Dekorlu Dikme Flaşı

TK A10.05



Ø 40'lık Lüks Boru Flaşı

TK A10.06



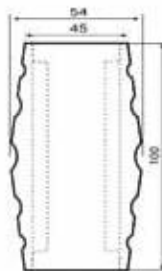
Ø 40'lık Açılı Dikme Flaşı

TK A10.07



Ø 40'lık Uzun Flaş

TK A10.08



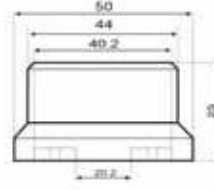
Ø 40'lık Tırnaklı Dekorlu Flaş

TK A10.09



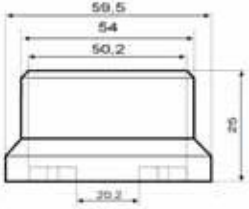
Ø 40'lık Tırnaksız Dekorlu Flanş

TK A10.10



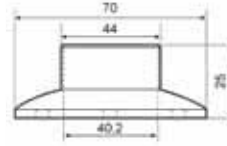
Ø 40'lık Boru Flanşı

TK A10.13



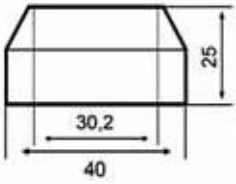
Ø 50'lık Boru Flanşı

TK A10.11



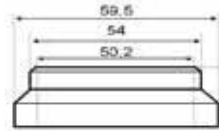
Ø 40'lık 3 Delikli Flanş

TK A10.12



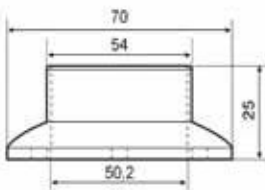
Ø 30'luk Boru Flanşı

TK A10.14



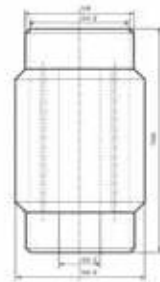
Ø 50'lık Dikme Flanşı

TK A10.15



Ø 50'lık Delikli Flanş

TK A10.16



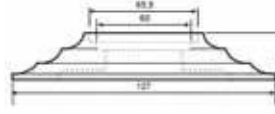
Ø 50'lık Uzun Flanş

TK A10.17



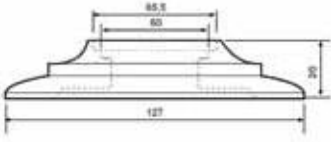
Ø 50'lik Büyük Dekorlu Flanş

TK A10.18



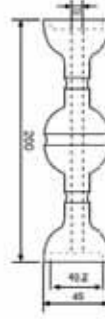
Ø 70'lik Dekorlu Flanş

TK A10.19



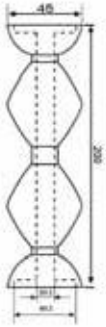
Ø 70'lik Dekorlu Flanş

TK A10.20



Ø 40'lik 3 Gelin Dikme Dekoru

TK A10.21



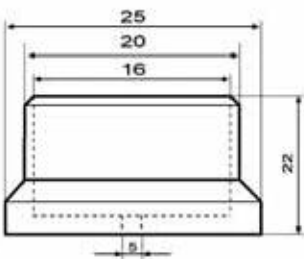
Ø 40'lik İkiz Dikme Dekoru

TK A10.22



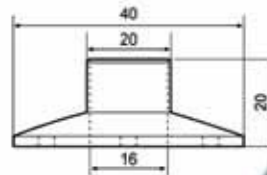
Ø 40'lik Paşa Dikme Dekoru

TK A10.23



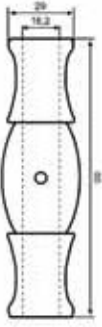
Ø 16'lik Boru Flanşı

TK A10.24



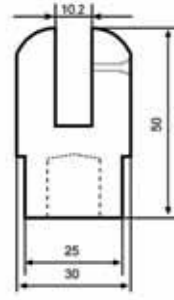
Ø 16'lik 3 Delikli Boru Flanş

TK A10.25



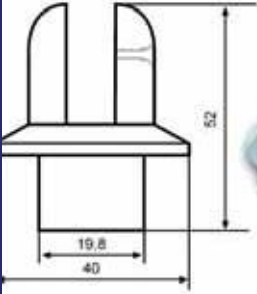
Ø 16'lik Dekorlu Flanş

TK A11.01



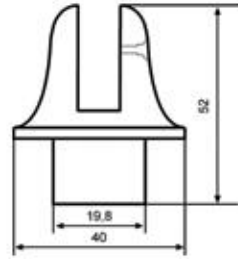
Ø 30'luk Boru Yarıkli Tapa

TK A11.02



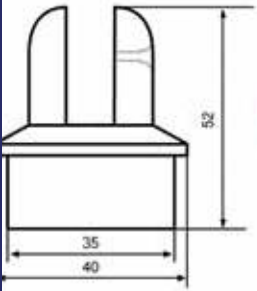
Ø 40'lik Dikme Yarıkli Tapa

TK A11.03



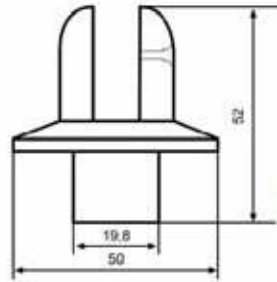
Ø 40'lik Dikme Dekorlu Yarıkli Tapa

TK A11.04



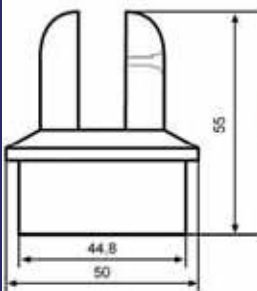
Ø 40'lik Boru Yarıkli Tapa

TK A11.05



Ø 50'lik Dikme Yarıkli Tapa

TK A11.06



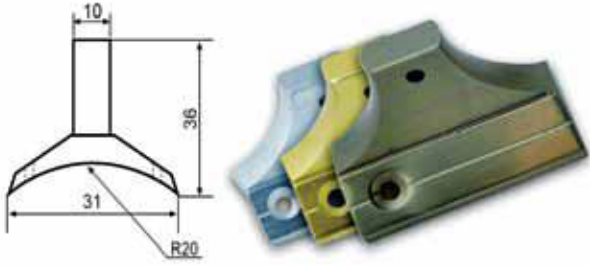
Ø 50'lik Boru Yarıkli Tapa

TK A11.07



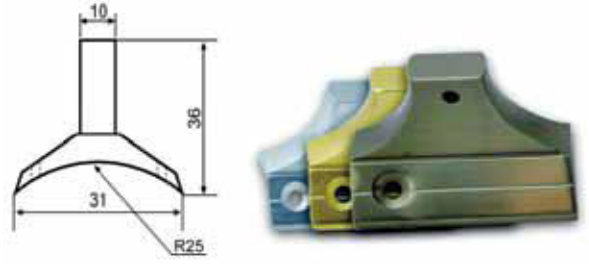
Ø 40'lik Dikme Topuz Yarıkli Tapa

TK A12.01



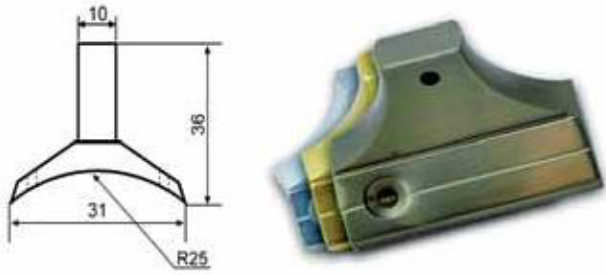
Ø 40'lık Boru Ay Bağlantı

TK A12.02



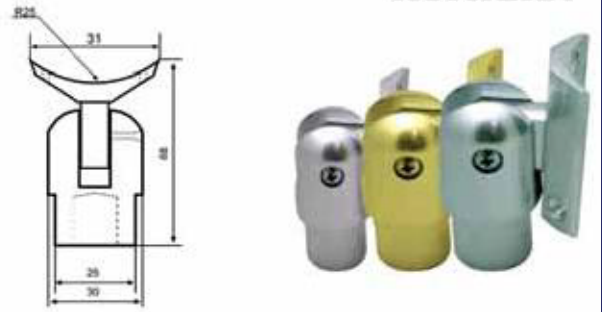
Ø 50'lık Boru Büyük Ay Bağlantı

TK A12.03



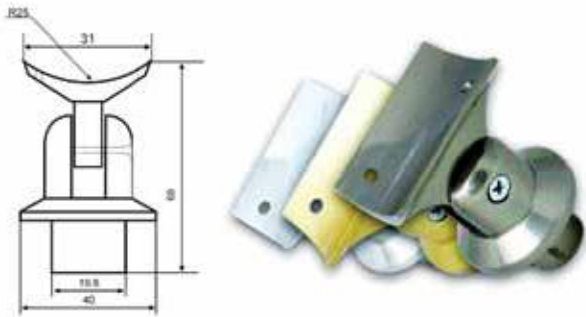
Ø 50'lık Boru Ay Bağlantı

TK A13.01



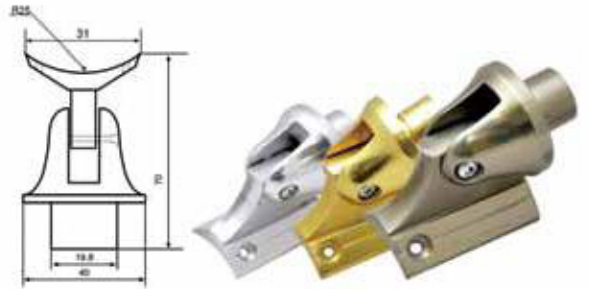
Ø 30'luk Boru Mafsallı Takımı

TK A13.02



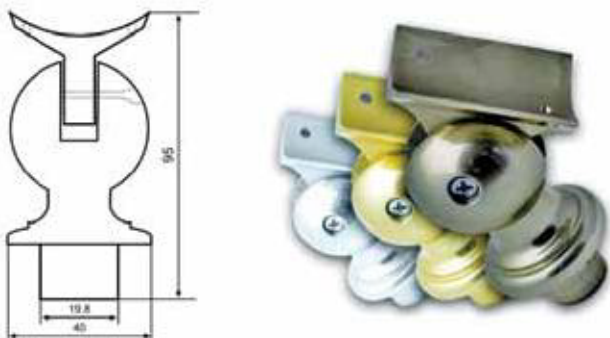
Ø 40'lık İkiz Dikme Mafsallı Takımı

TK A13.03



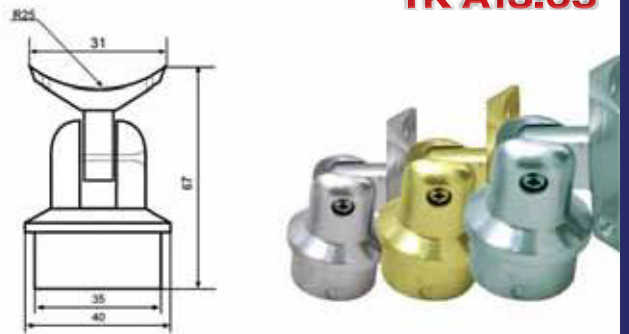
Ø 40'lık Dikme Dekorlu Mafsallı Takımı

TK A13.04



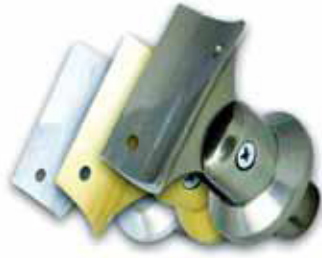
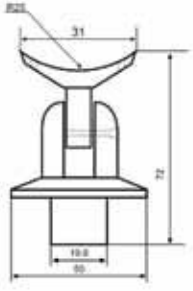
Ø 40'lık Topuz Mafsallı Takımı

TK A13.05



Ø 40'lık Boru Mafsallı Takımı

TK A13.06



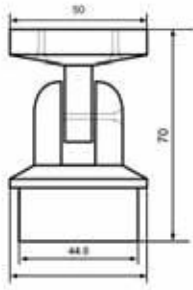
Ø 50'lik Dikme Mafsal Takımı

TK A13.07



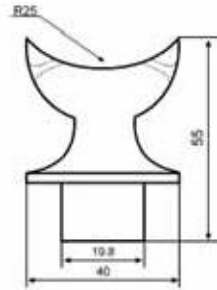
Ø 50'lik Boru Mafsal Takımı

TK A13.08



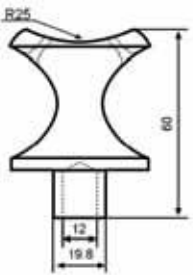
Ø 50'lik Boru Açılı Mafsal Takımı

TK A14.01



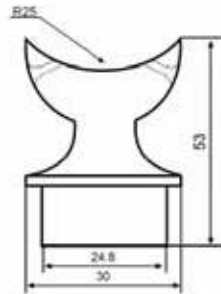
Ø 40x50 Dekorlu Sabit Mafsal

TK A14.02



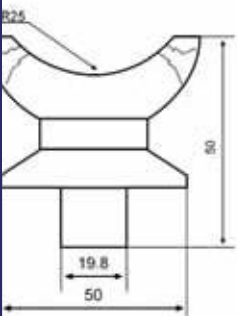
Ø 40x50 Lüks Sabit Mafsal

TK A14.04



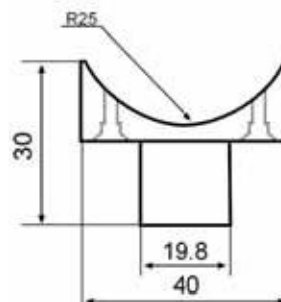
Ø 30x50 Dekorlu Sabit Mafsal

TK A14.06



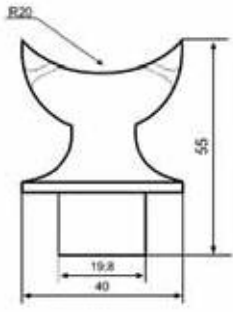
Ø 50x50 Dikme Dekorlu Sabit Mafsal

TK A14.07



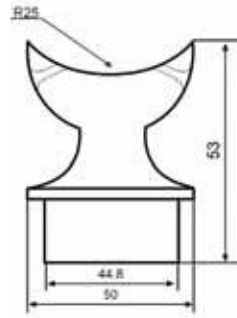
Ø 40x50 Dikme Ara Bağlantı

TK A14.03



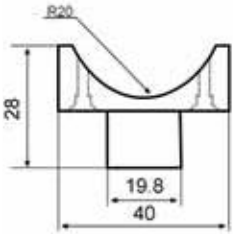
Ø 40x50 Dekorlu Sabit Mafsal

TK A14.05



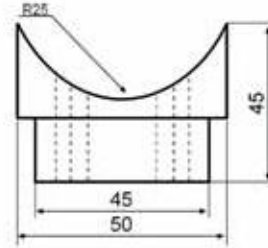
Ø 50x50 Dekorlu Sabit Mafsal

TK A14.08



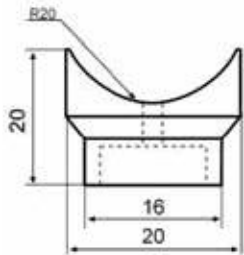
40x40 Dikme Ara Bağlantı

TK A14.09



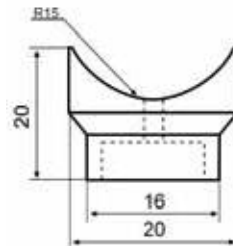
50x50 Boru Ara Bağlantı

TK A14.10



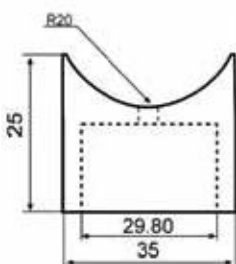
16x40 Boru Ara Bağlantı

TK A14.11



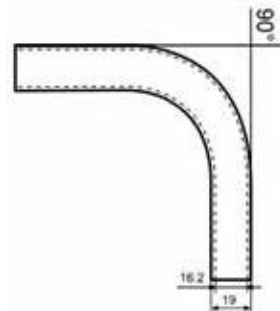
16x30 Boru Ara Bağlantı

TK A14.12



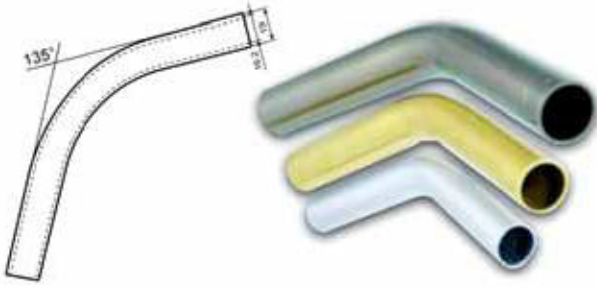
30x40 Boru Ara Bağlantı

TK A15.01



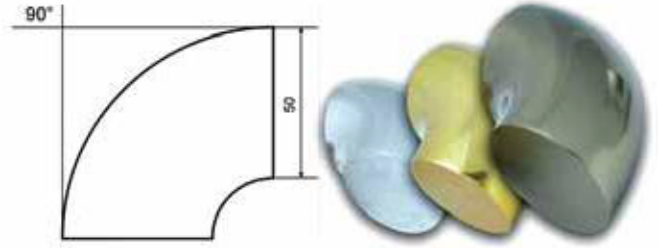
Ø 16'lık 90° Dirsek

TK A15.02



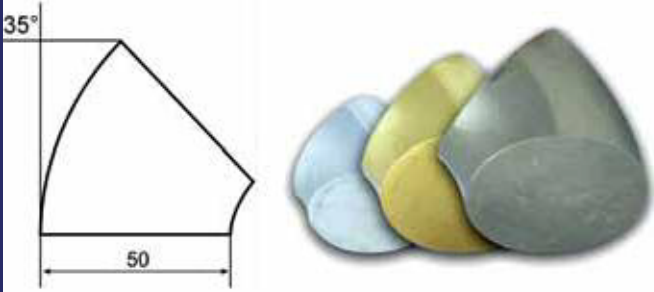
16'lik 135° Dirsek

TK A15.03



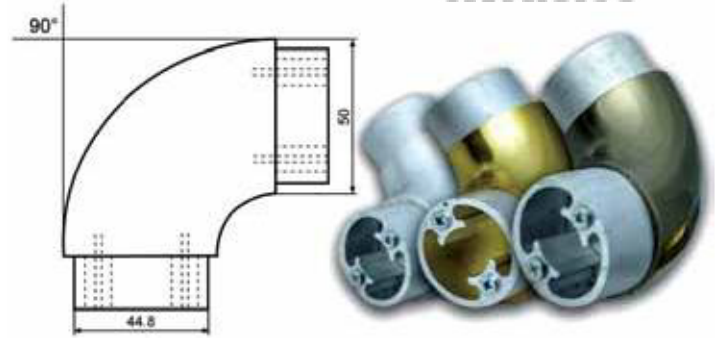
Ø 50'lik 1/4 Dolu Dirsek

TK A15.04



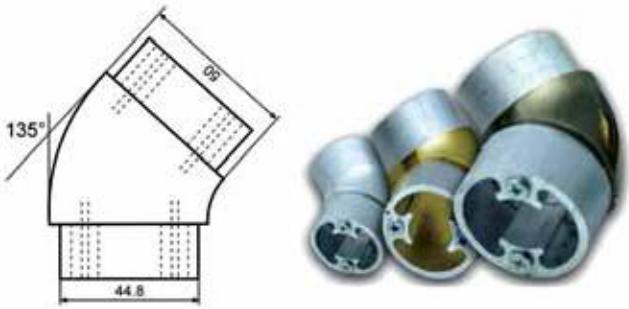
Ø 50'lik 1/8 Dolu Dirsek

TK A15.05



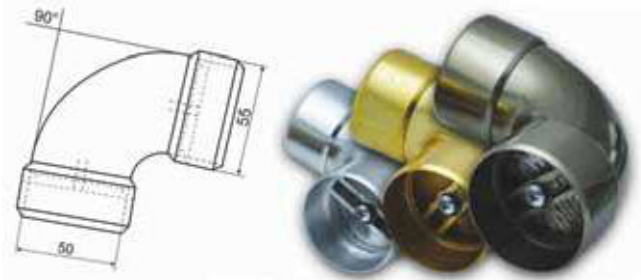
Ø 50'lik 1/4 Bağlı Dolu Dirsek

TK A15.06



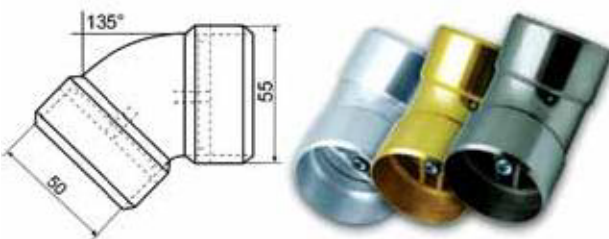
Ø 50'lik 1/8 Bağlı Dolu Dirsek

TK A15.07



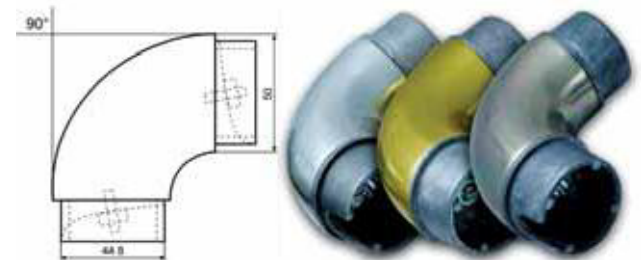
Ø 50'lik 1/4 Bilezik Dolu Dirsek

TK A15.08



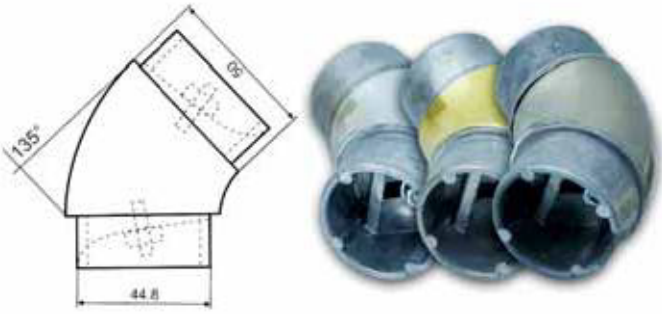
Ø 50'lik 1/8 Bilezik Dolu Dirsek

TK A15.09



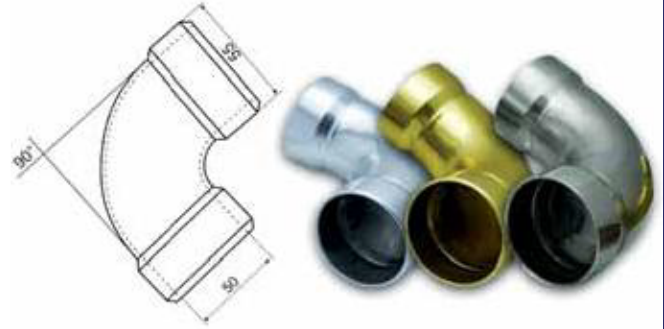
Ø 50'lik 1/4 Boş Dirsek

TK A15.10



Ø 50'lik 1/8 Boş Dirsek

TK A15.11



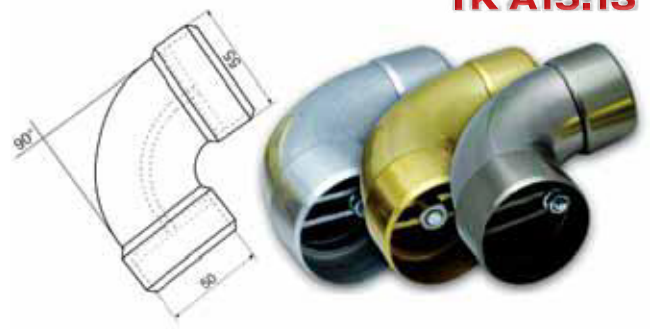
Ø 50'lik 1/4 Şişme Dirsek

TK A15.12



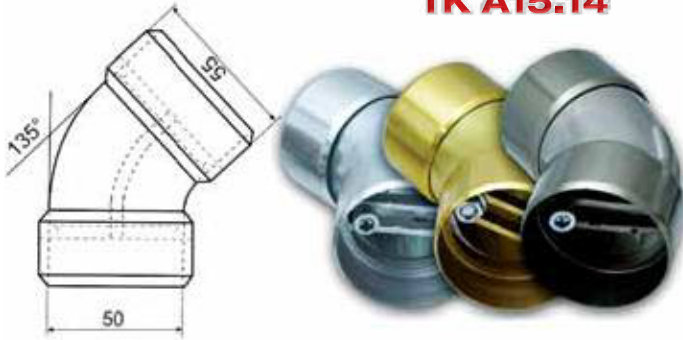
Ø 50'lik 1/8 Şişme Dirsek

TK A15.13



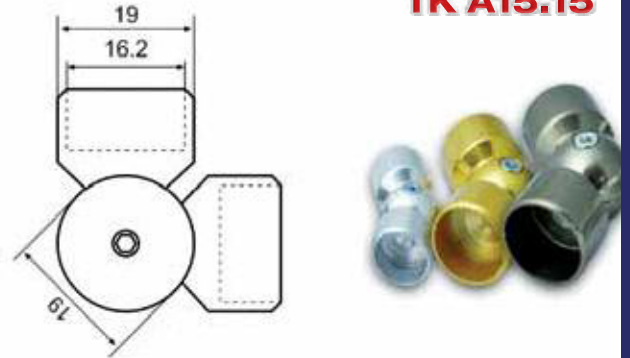
Ø 50'lik 1/4 Bilezikli Boş Dirsek

TK A15.14



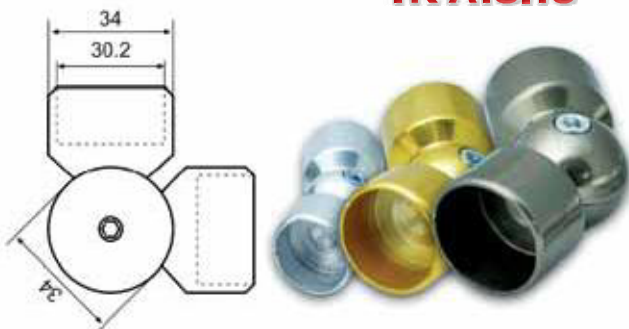
Ø 50'lik 1/8 Bilezikli Boş Dirsek

TK A15.15



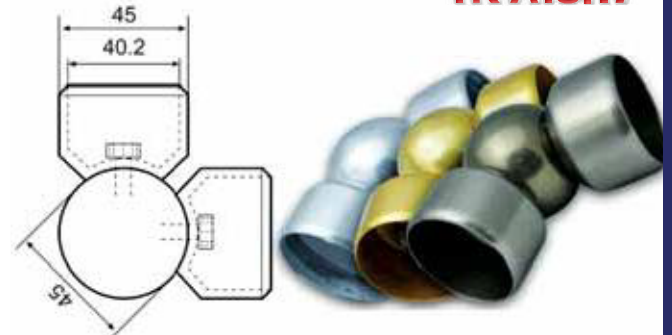
Ø 16'lik Ayarlı Küre Dirsek

TK A15.16



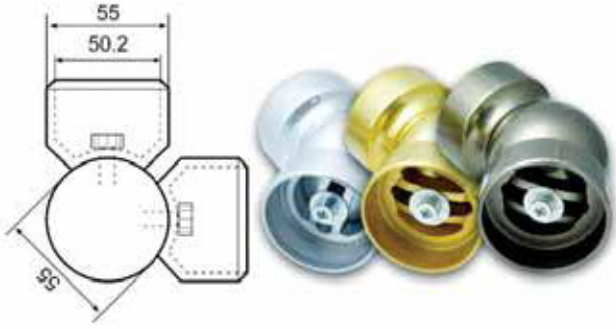
Ø 30'luk Ayarlı Küre Dirsek

TK A15.17



Ø 40'lik Ayarlı Küre Dirsek

TK A15.18



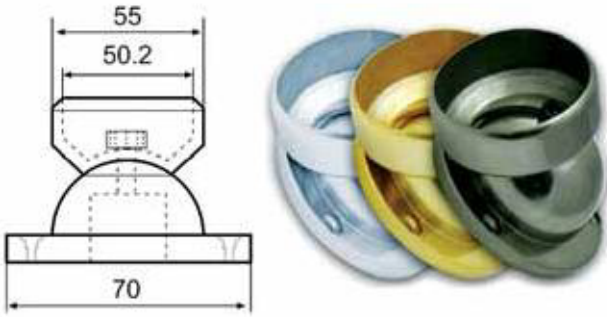
Ø 50'lik Ayarlı Küre Dirsek

TK A15.19



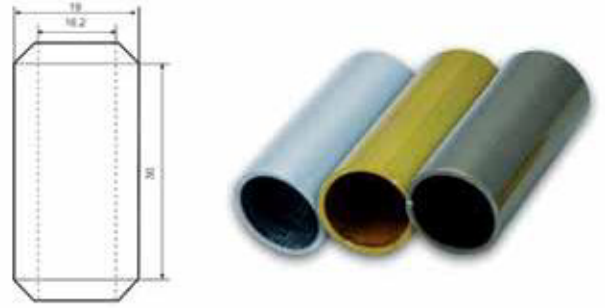
Ø 50'lik Ayarlı Köşe Küre Dirsek

TK A15.20



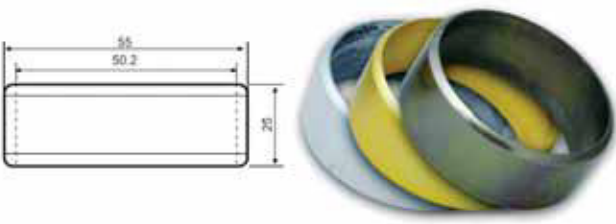
Ayarlı Küre Duvar Flanş

TK A16.01



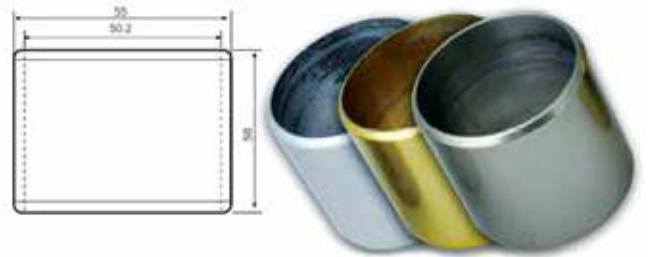
Ø 16'lik Bilezik

TK A16.02



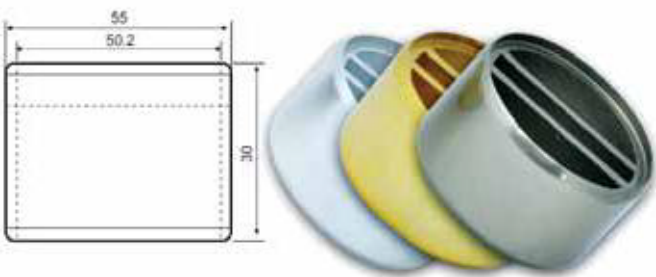
Ø 50'lik Bilezik

TK A16.03



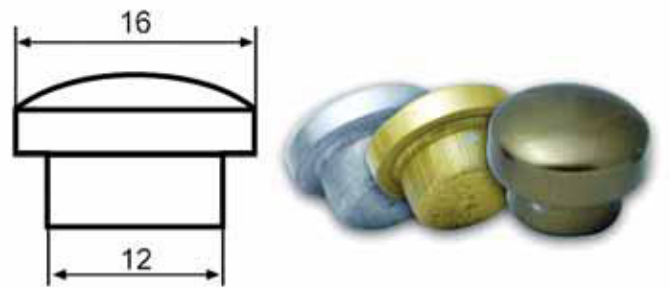
Ø 50'lik Uzun Bilezik

TK A16.04



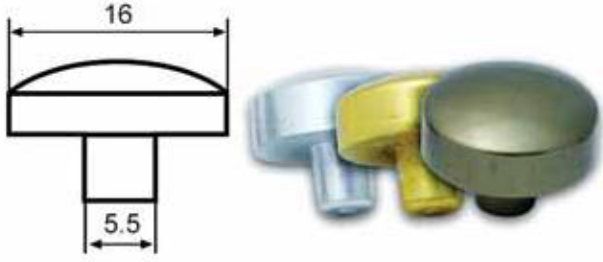
Ø 50'lik Özel Bilezik Simit Bağlantısı

TK A17.01



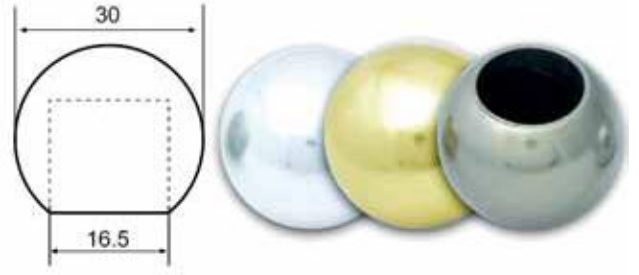
Ø 16'lik Boş Boru Tapası

TK A17.02



Ø 16'lık Dolu Boru Tapası

TK A17.03



Ø 16'lık Küre Boru Tapası

TK A17.04



Ø 30'luk Boru Tapası

TK A17.05



Ø 40'lık Boru Tapası

TK A17.06



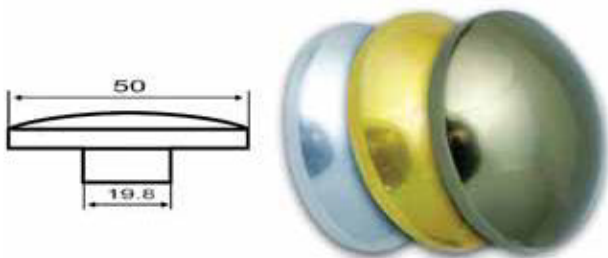
Ø 40'lık Dikme Tapası

TK A17.07



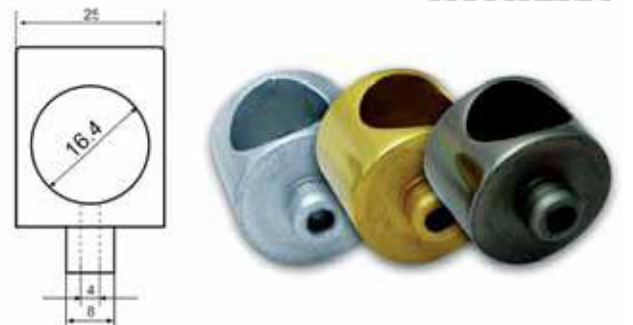
Ø 50'lık Boru Tapası

TK A17.08

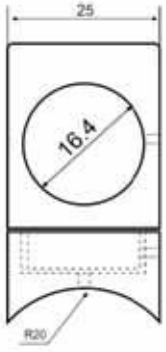


Ø 50'lık Dikme Tapası

TK A18.01



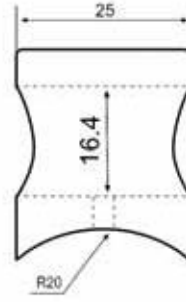
Ø 16'lık Tekli Emniyet Tutamağı



TK A18.02



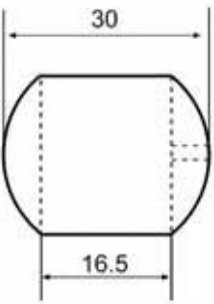
Ø 16'lık Çift Emniyet Tutamağı



TK A18.03



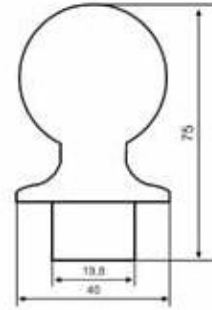
Ø 16'lık Tekli Frezeli Emniyet Tutamağı



TK A18.04



Ø 16'lık Küre Emniyet Tutamağı



TK A19.01



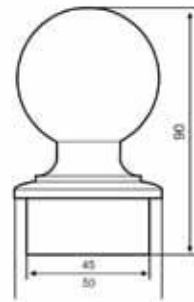
Ø 40'lık Dikme Dekorlu Tapa



TK A19.02



Ø 50'lık Dikme Dekorlu Tapa



TK A19.03



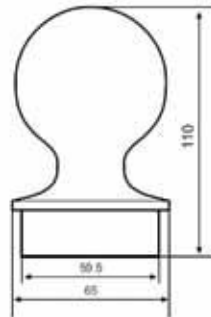
Ø 50'lık Boru Dekorlu Tapa



TK A19.04



Ø 50'lık Boru Mızrak Dekorlu Tapa

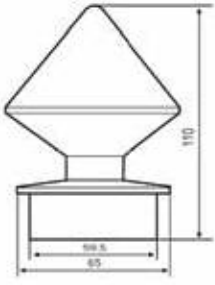


TK A19.05



Ø 65'lık Boru Dekorlu Tapa

TK A19.06



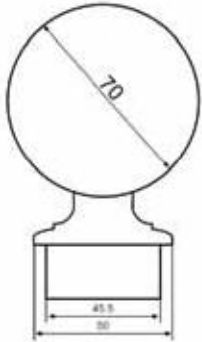
Ø 65'lik Boru Mızrak Dekorlu Tapa

TK A19.07



Ø 50x60 Kristal Dekorlu Tapa

TK A19.08



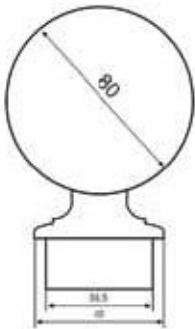
Ø 50x70 Kristal Dekorlu Tapa

TK A19.09



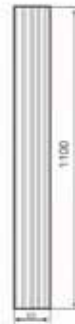
Ø 65x70 Kristal Dekorlu Tapa

TK A19.10



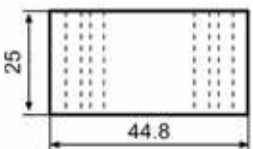
Ø 65x80 Kristal Dekorlu Tapa

TK A20.01



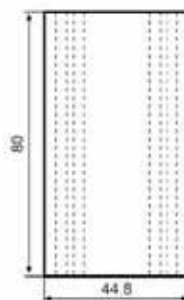
Ø 65'lik Tırtıllı Boru Dikme

TK A21.01



Ø 50'lik Dolu Dirsek Bağlantısı

TK A21.02



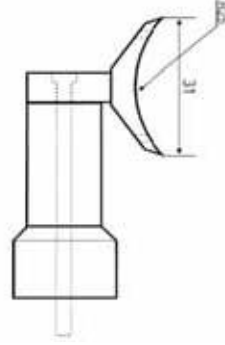
Ø 45'lik Dekorlu Tapa Bağlantısı

TK A21.03



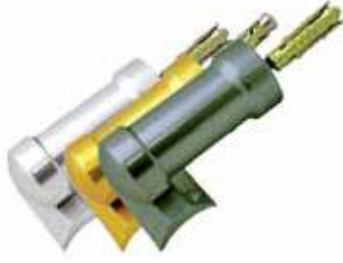
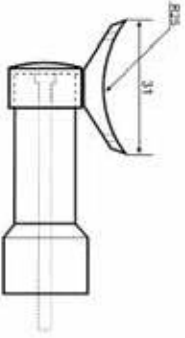
Ø 65'lik Dekorlu Tapa Bağlantısı

TK A22.01



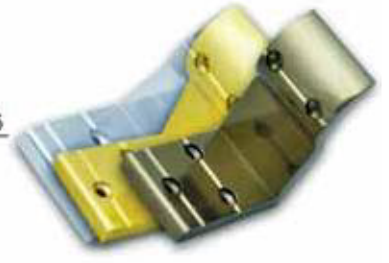
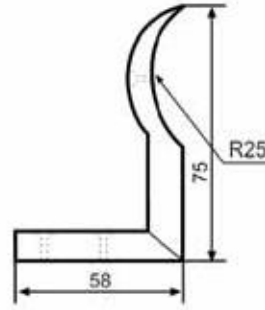
Ø 50'lik Boru Yandan Bağlantı Takımı

TK A22.02



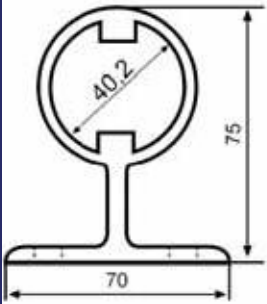
Ø 50'lik Boru Duvar Dibi Takım

TK A22.03



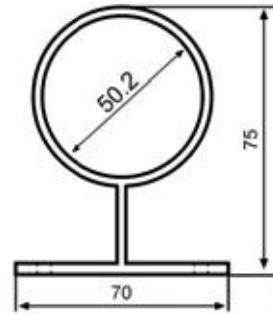
Ø 50'lik Boru L Bağlantısı

TK A22.04



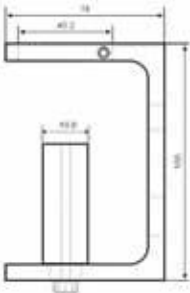
Ø 40'lik Dikme Yandan Bağlantı Takımı

TK A22.05



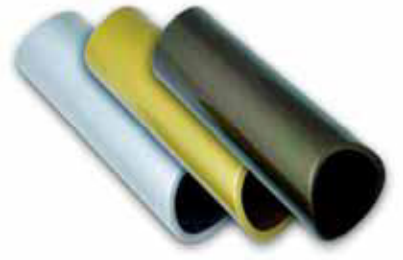
Ø 50'lik Boru Yandan Bağlantı Takımı

TK A22.06



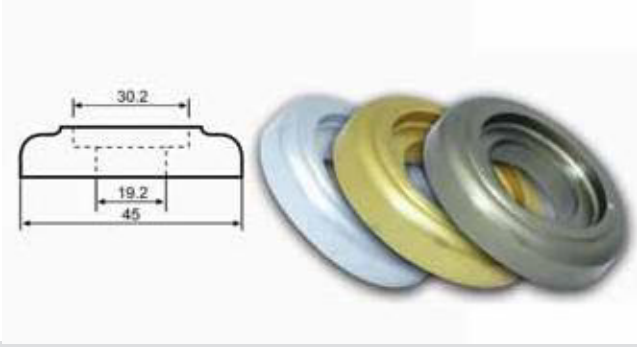
Ø 40'lik Dikme Yandan Özel Bağlantı Takımı

TK A22.07



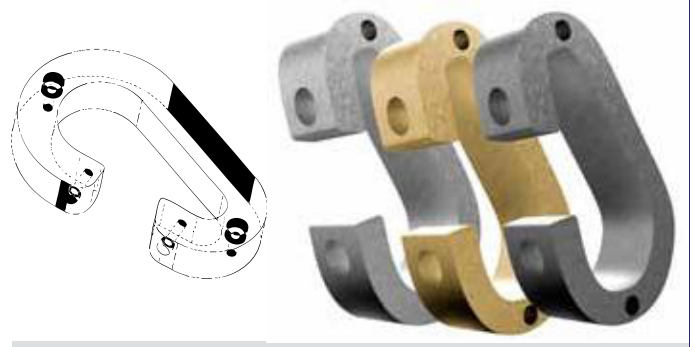
Çiftli Duvar Ara Bağlantısı

TK A22.08

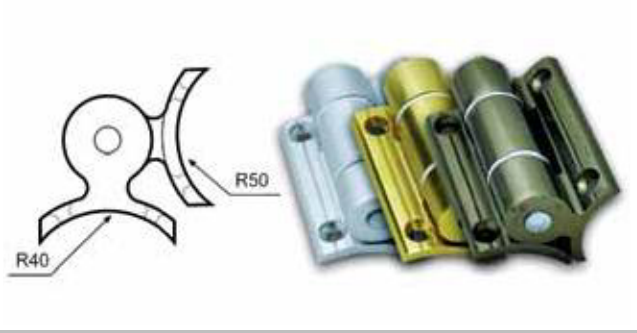


Duvar Pulu

TK A22.09

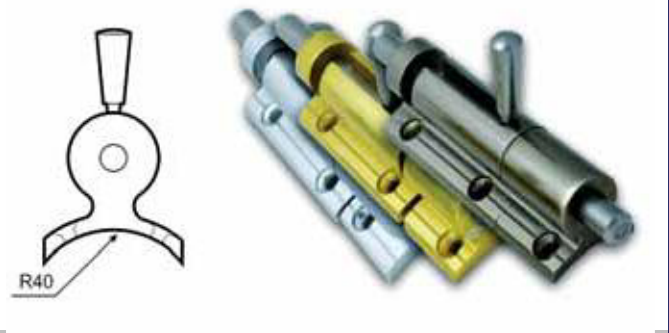


TK A23.01



Kapı Mentеше

TK A23.02



TK A24.01



Ø 40'lık Ahşap Angraj Demiri

TK A24.02



TK A24.03



TK A24.04



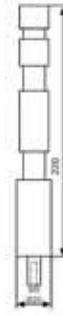
Ø 40'lık Vidalı Angraj Demiri

TK A24.05



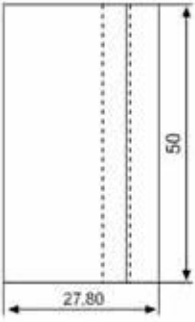
Ø 40'lık Angraj Demiri

TK A24.06



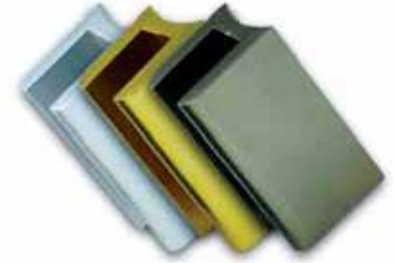
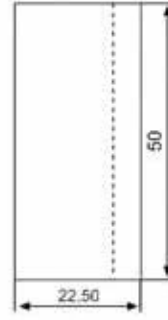
Yandan Angraj Demiri

TK A25.01



Boruya Göre Cam Tutamağı

TK A25.02

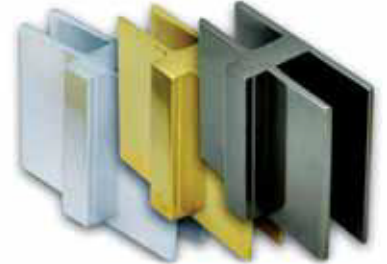
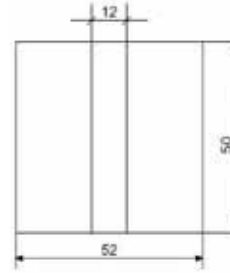


TK A25.03



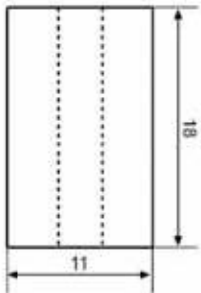
Tekli Cam Tutamağı

TK A25.04



Çiftli Cam Tutamağı

TK A25.05



TK A28.03



Ø 30'luk Ahşap Takım Dikme



TK A28.04

Ø 40'lik Ahşap Takım Dikme



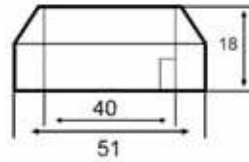
TK A28.01

Ø 30'lik Ahşap Dekor

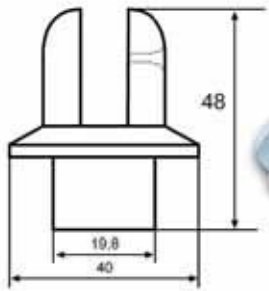


TK A28.02

Ø 40'lik Ahşap Dekor

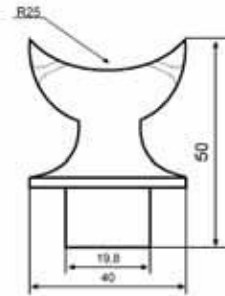


TK A29.01

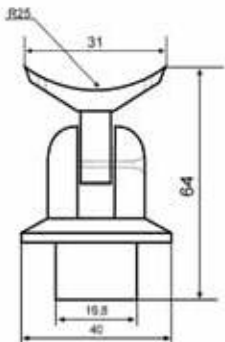


TK A29.02

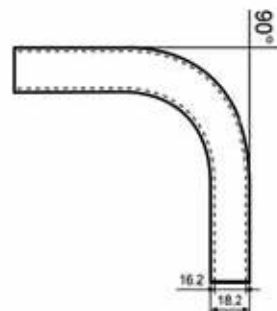
Ø 40'lik Dikme Yanklı Tapa



TK A29.04



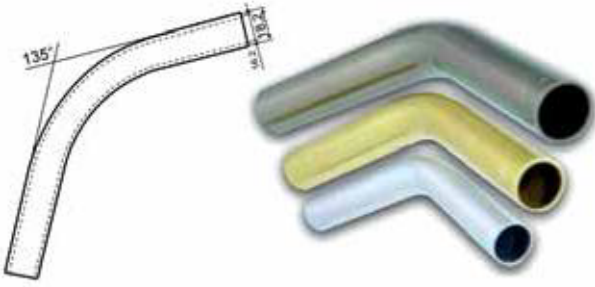
TK A29.05



TK A29.06

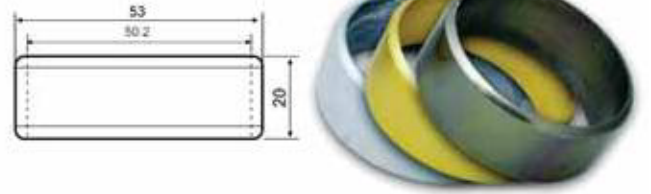
Ø 16'lik 90° Dirsek

TK A29.07



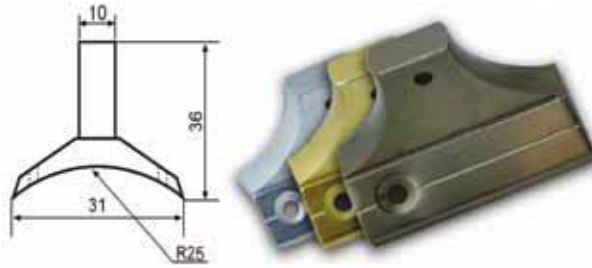
Ø 16'lik 135° Dirsek

TK A29.08



Ø 50'lik Bilezik

TK A29.03



Ø 40'lik Ay Baglantı







UYGULAMA ÖRNEKLERİ

