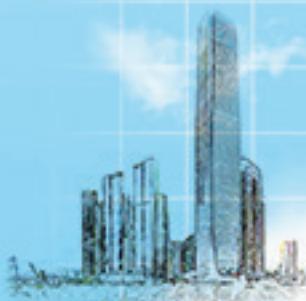




modern bir hayat için...



modern bir hayat için...



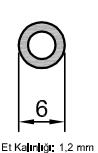
modern bir hayat için...

KÜPEŞTE PROFİLLERİ

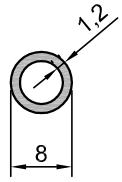
tuna
ALUMINIUM
modern bir hayat için...



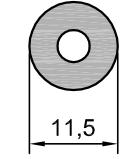
KÜPEŞTE PROFİLLERİ

**605.26**

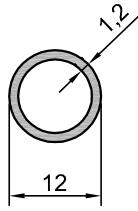
0,050 kg/m

**605.27**

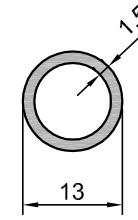
0,070 kg/m

**605.74**

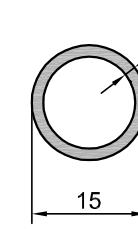
0,244 kg/m

**605.28**

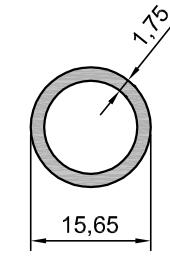
0,111 kg/m

**605.71**

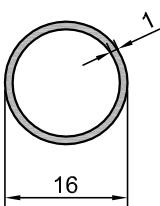
0,147 kg/m

**605.70**

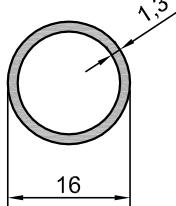
0,172 kg/m

**605.32**

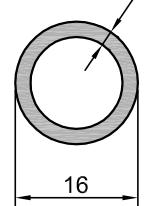
0,207 kg/m

**605.81**

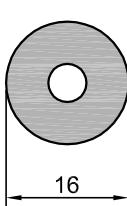
0,127 kg/m

**605.11**

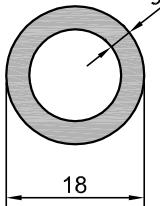
0,162 kg/m

**605.61**

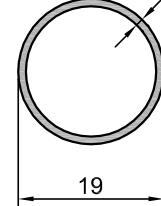
0,238 kg/m

**605.25**

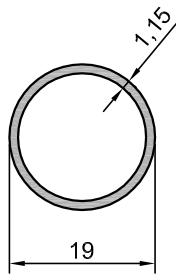
0,491 kg/m

**605.73**

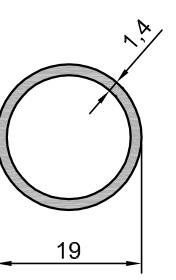
0,382 kg/m

**605.10**

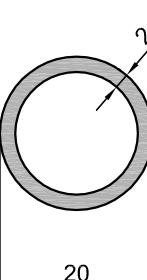
0,153 kg/m

**605.36**

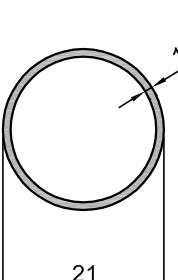
0,174 kg/m

**605.09**

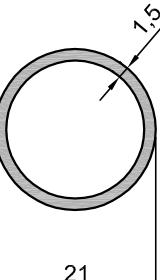
0,209 kg/m

**605.44**

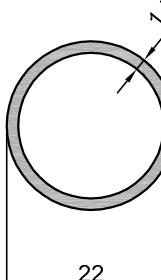
0,306 kg/m

**605.07**

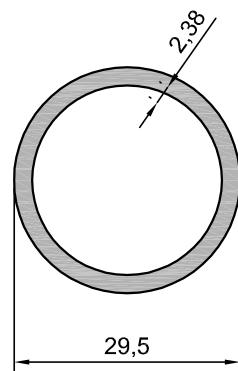
0,170 kg/m

**605.08**

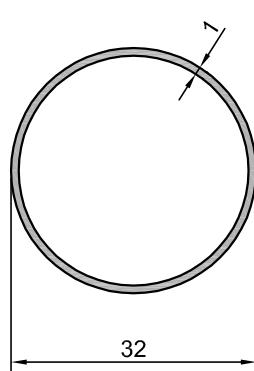
0,249 kg/m

**605.06**

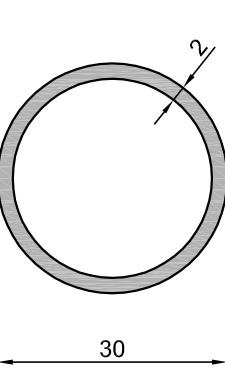
0,261 kg/m

**605.21**

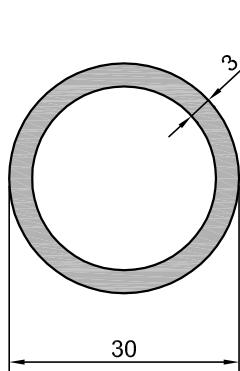
0,548 kg/m

**605.50**

0,266 kg/m

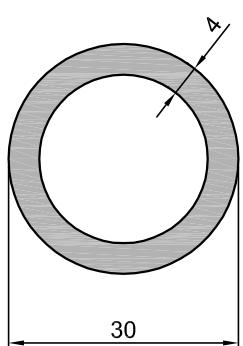
**605.40**

0,477 kg/m

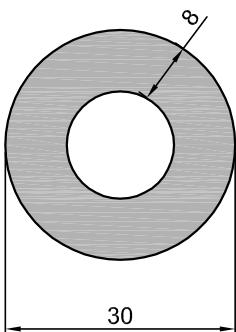
**605.17**

0,689 kg/m

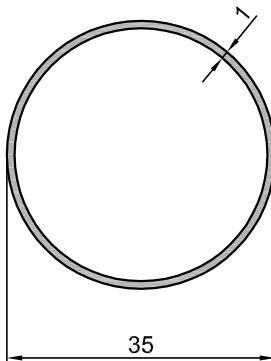
Not: Katalog'ta verilen profil birim ağırlıklar hesaplanırken toleranslar dikkate alınmalıdır. (\pm) % 10' dur.

**605.18**

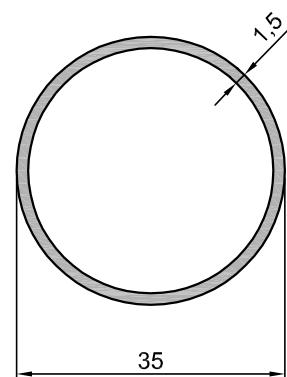
0,885 kg/m

**605.24**

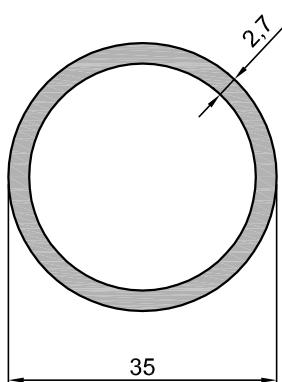
1,498 kg/m

**605.87**

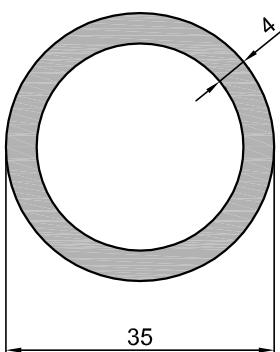
0,290 kg/m

**605.72**

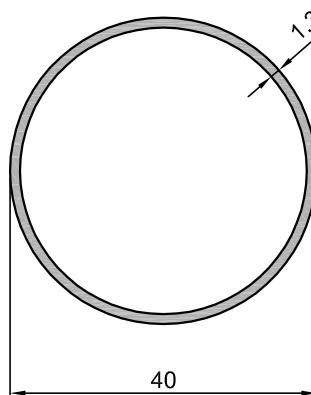
0,428 kg/m

**605.31**

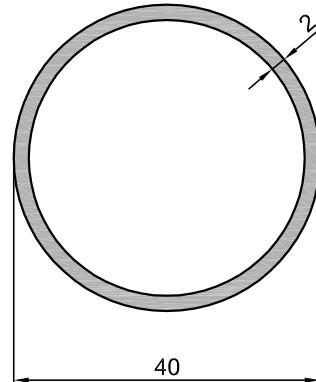
0,742 kg/m

**605.16**

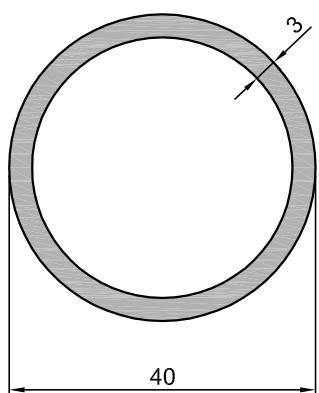
1,055 kg/m

**605.54**

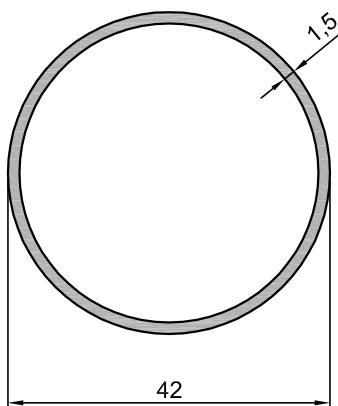
0,428 kg/m

**605.38**

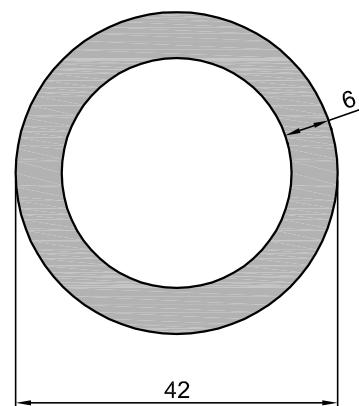
0,648 kg/m

**605.15**

0,945 kg/m

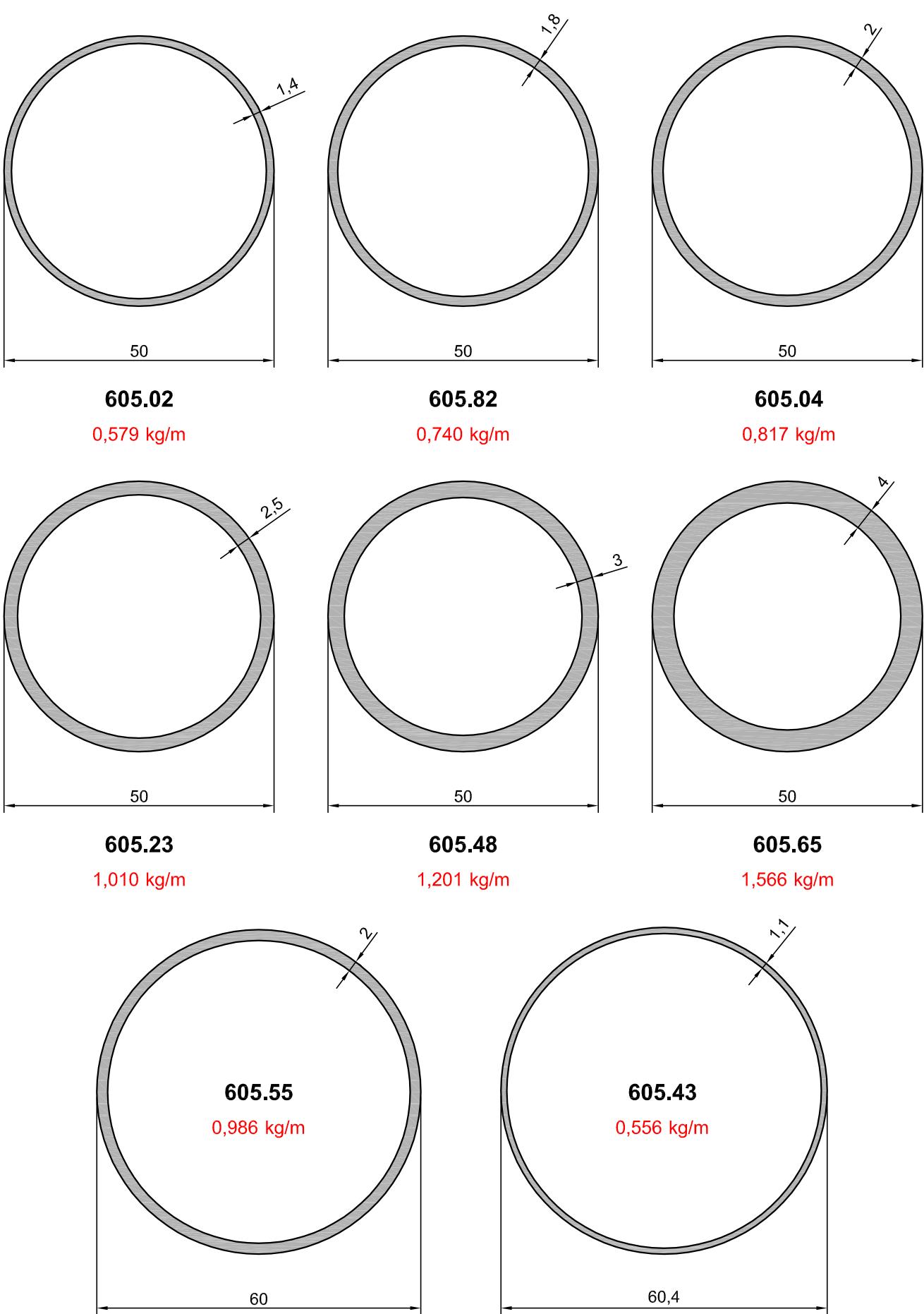
**605.49**

0,518 kg/m

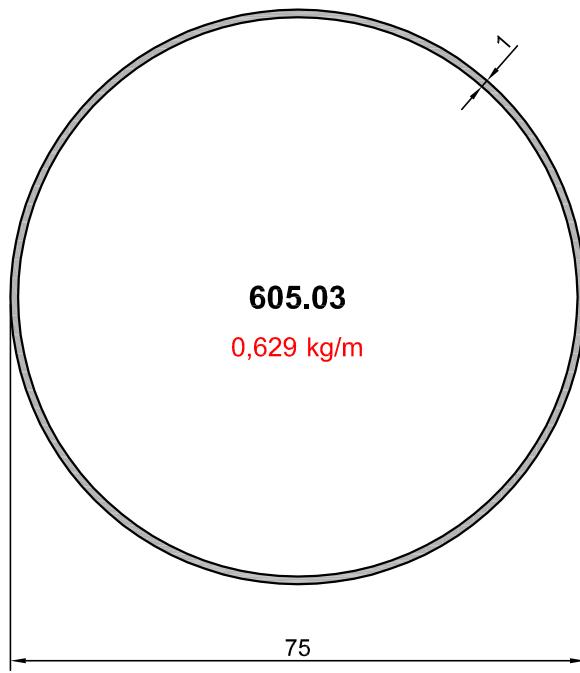
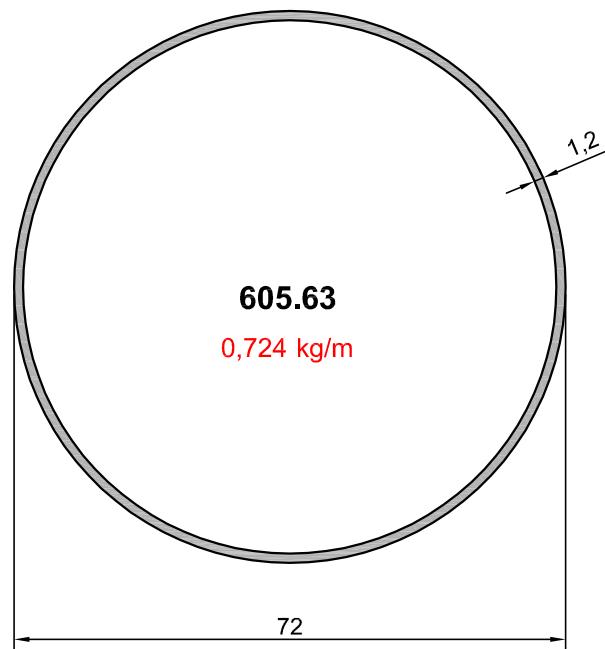
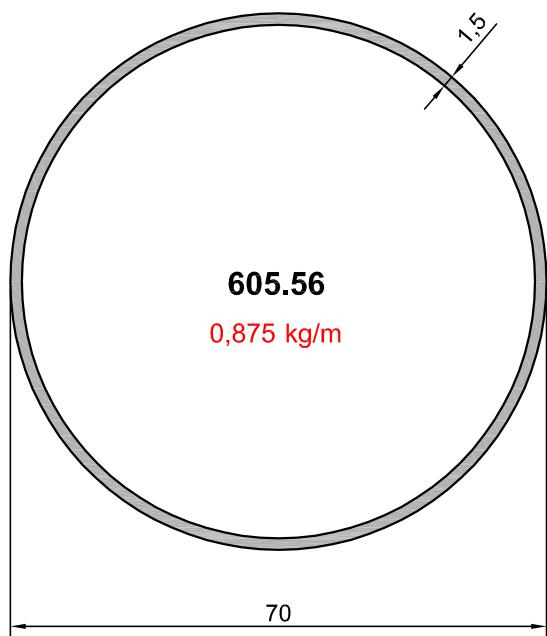
**605.93**

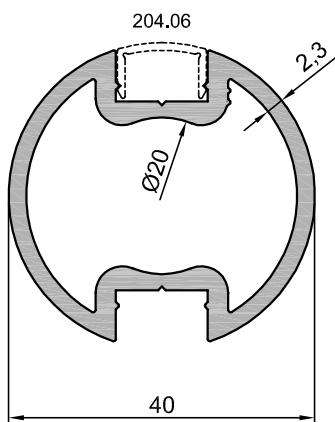
1,838 kg/m

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

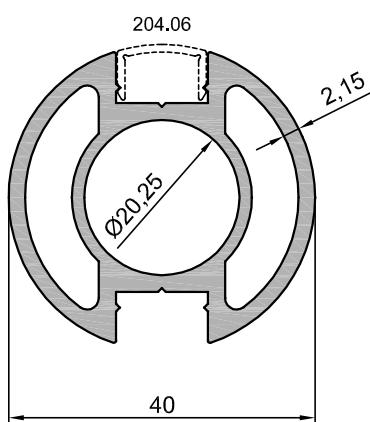


Not: Katalog'ta verilen profil birim ağırlıklar hesaplanırken toleranslar dikkate alınmalıdır. (\pm) % 10' dur.

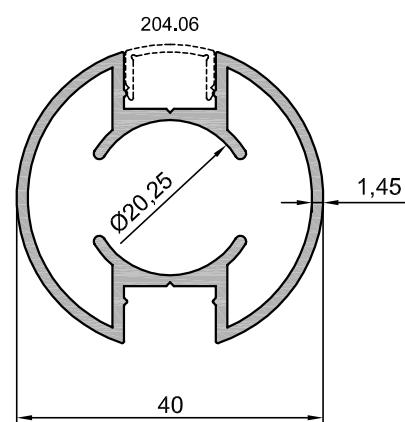




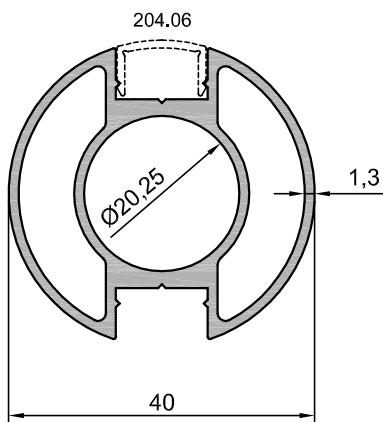
204.01
0,942 kg/m



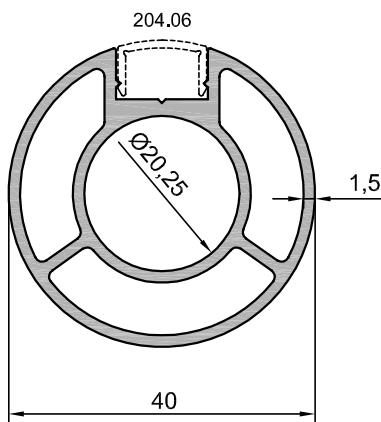
204.07
1,098 kg/m



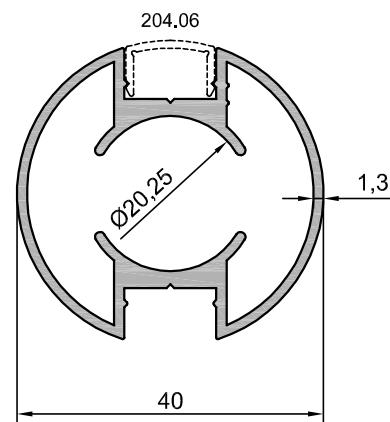
204.10
0,778 kg/m



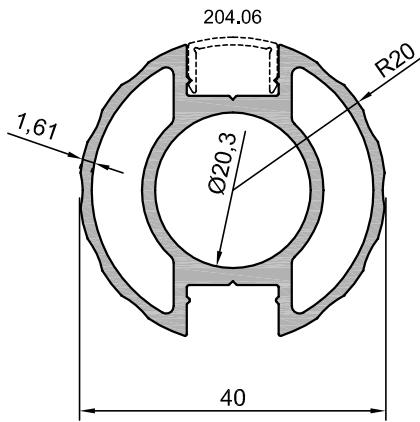
204.15
0,800 kg/m



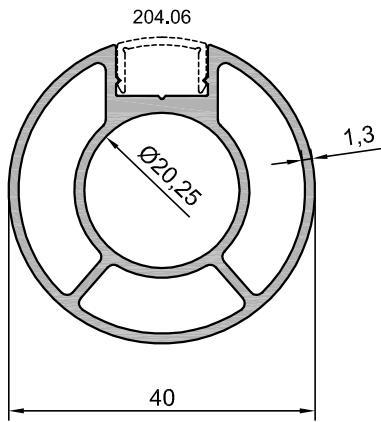
204.17
0,889 kg/m



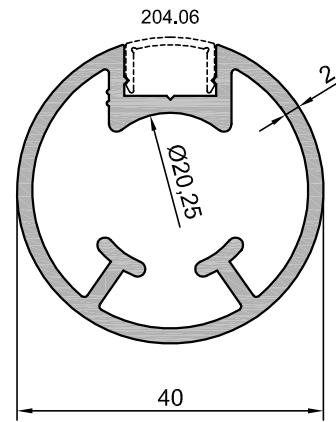
204.27
0,721 kg/m



204.24
0,914 kg/m

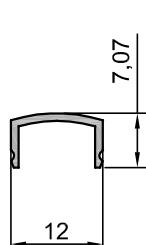


204.41
0,789 kg/m



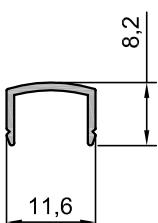
204.65
0,911 kg/m

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



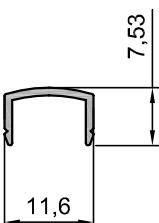
204.13

0,060 kg/m



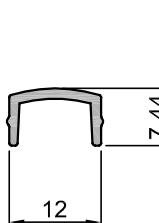
204.14

0,065 kg/m



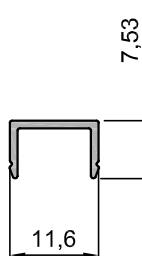
204.06

0,060 kg/m



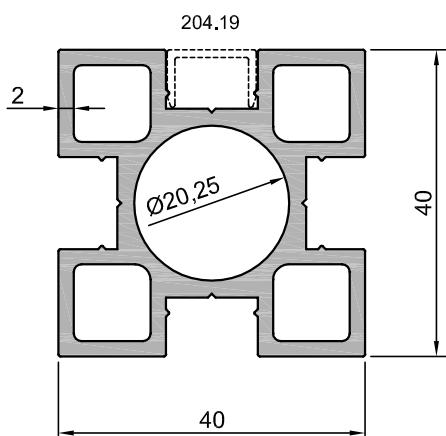
204.05

0,080 kg/m



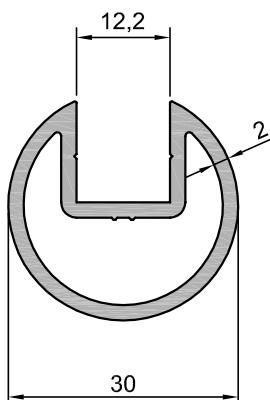
204.19

0,064 kg/m



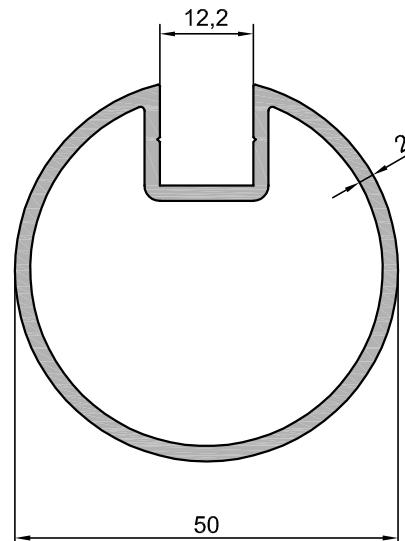
204.18

1,400 kg/m



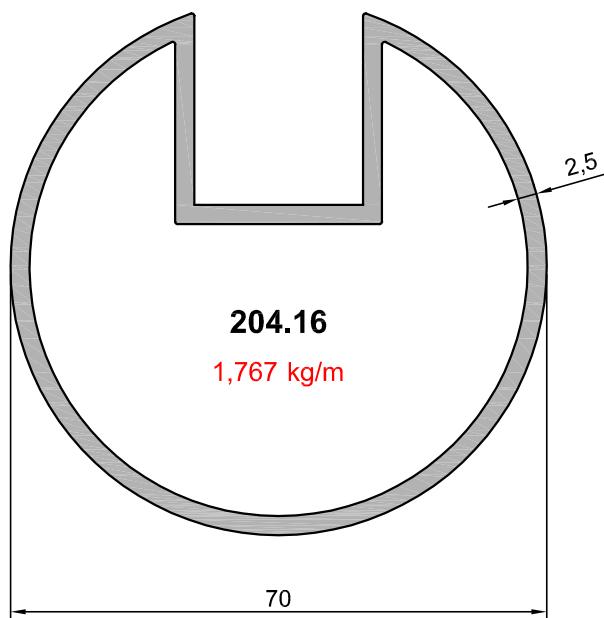
204.26

0,607 kg/m



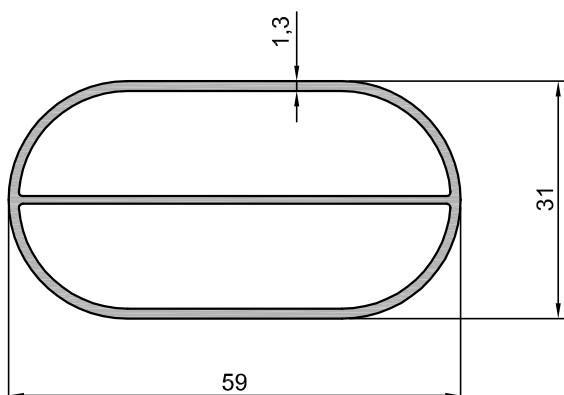
204.21

0,951 kg/m



204.16

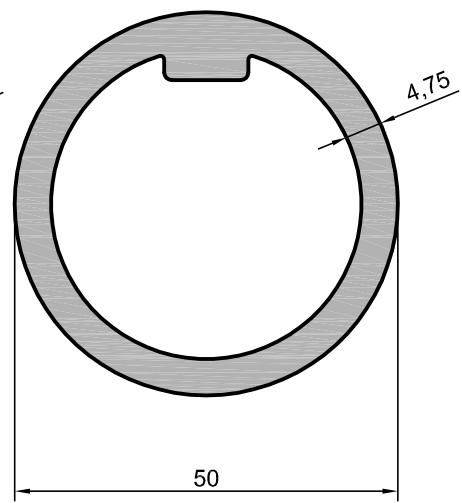
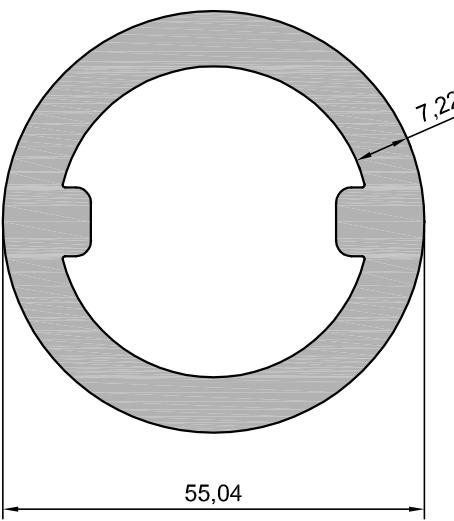
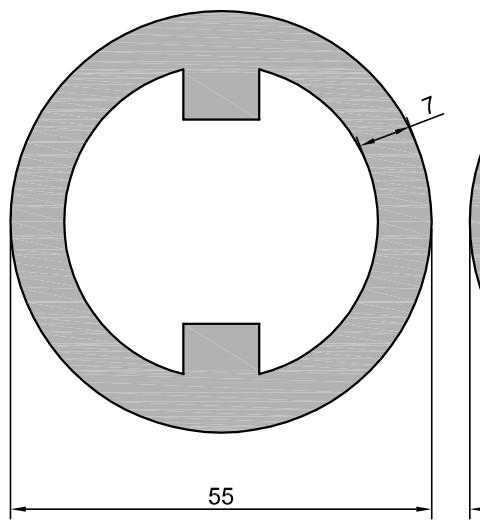
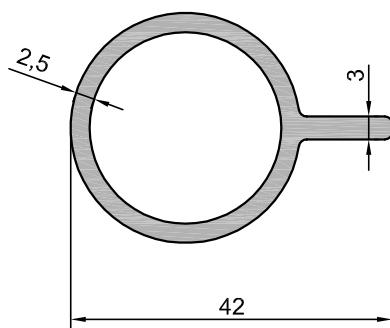
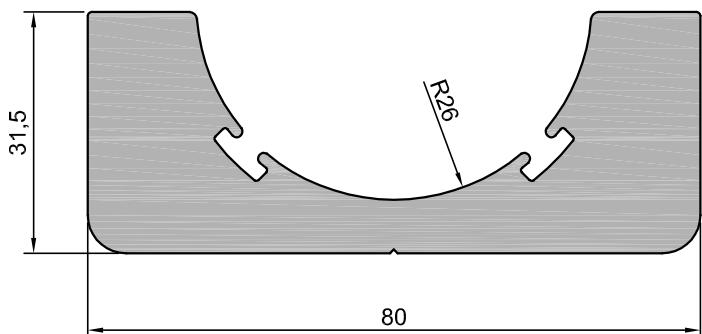
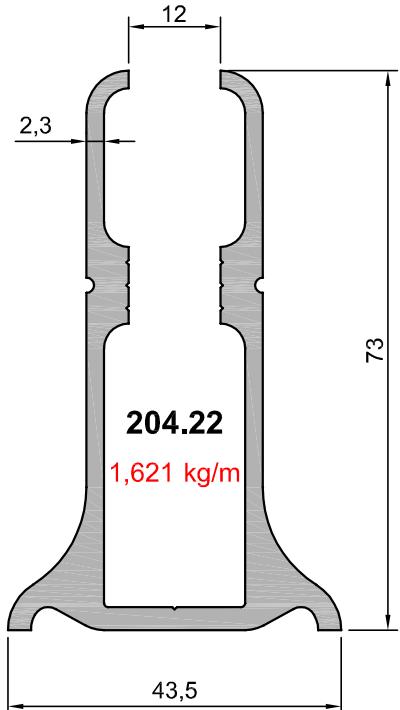
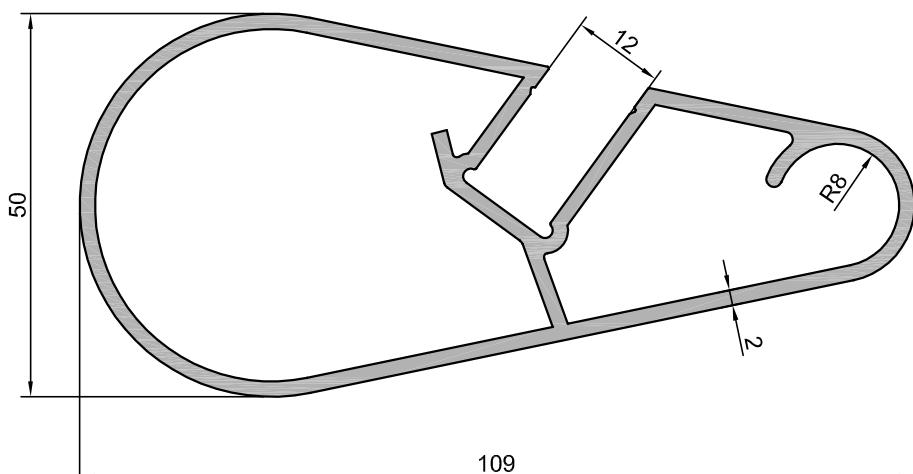
1,767 kg/m



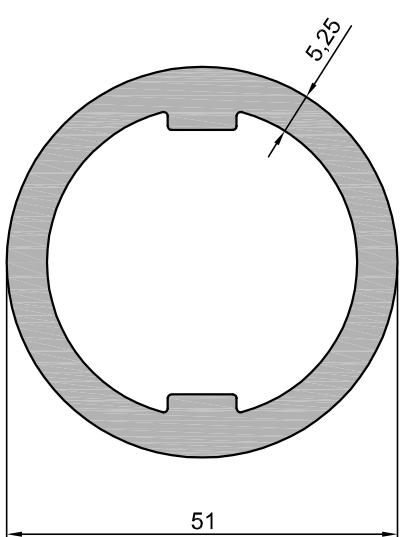
204.23

0,680 kg/m

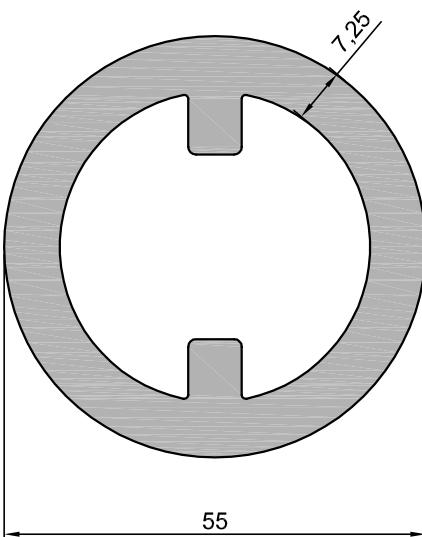
Not: Katalog'ta verilen profil birim ağırlıklar hesaplanırken toleranslar dikkate alınmalıdır. (\pm) % 10 'dur.



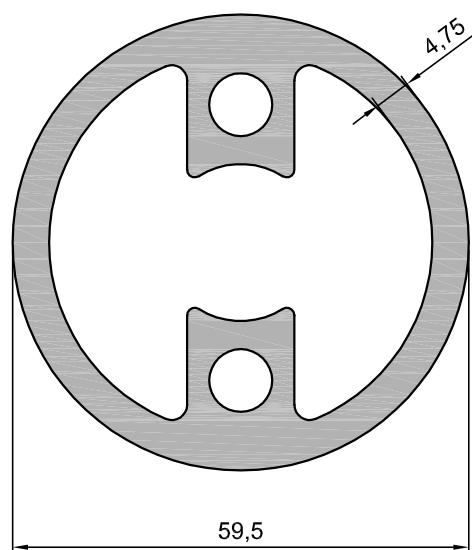
Not: Katalog'ta verilen profil birim ağırlıklar hesaplanırken toleranslar dikkate alınmalıdır. (\pm) % 10' dur.

**204.32**

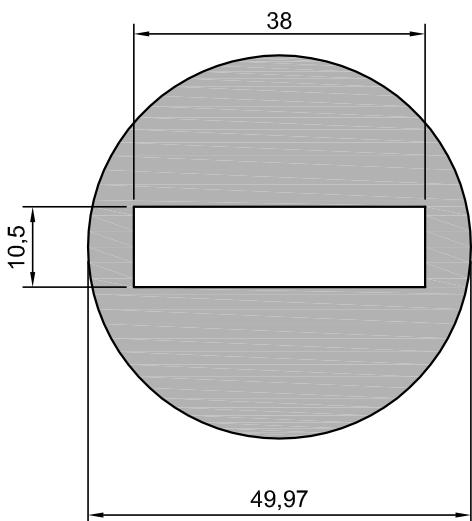
2,184 kg/m

**204.33**

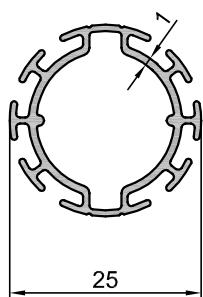
3,252 kg/m

**204.34**

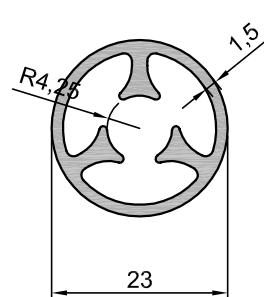
3,100 kg/m

**204.28**

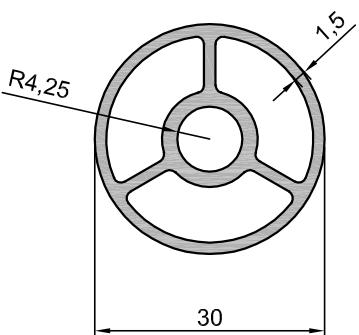
4,241 kg/m

**204.40**

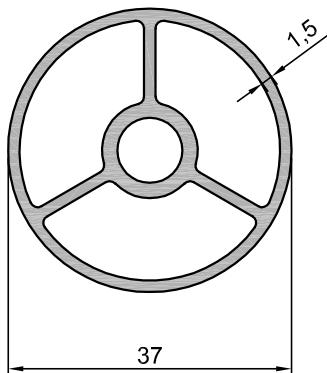
0,301 kg/m

**204.45**

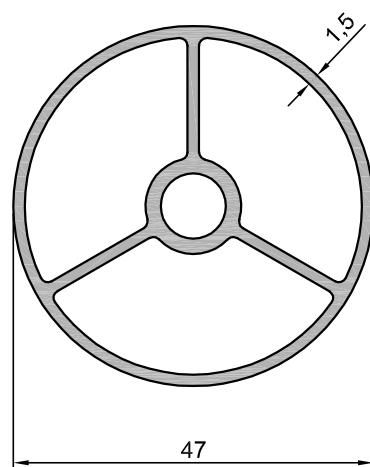
0,420 kg/m

**204.43**

0,640 kg/m

**204.44**

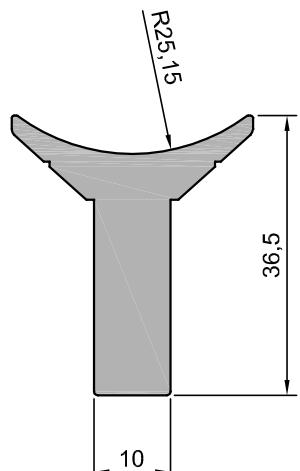
0,770 kg/m

**204.42**

0,958 kg/m

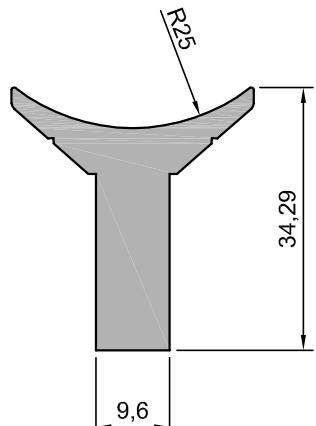
Not: Katalog'ta verilen profil birim ağırlıklar hesaplanırken toleranslar dikkate alınmalıdır. (\pm) % 10 'dur.

Rev. No: 001-01.07.2011



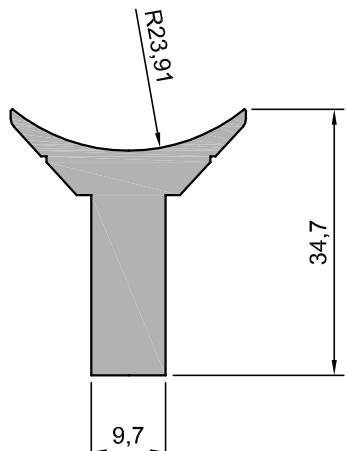
204.09

1,117 kg/m



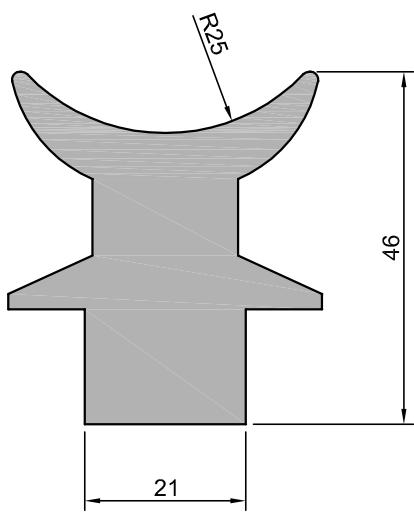
204.35

1,024 kg/m



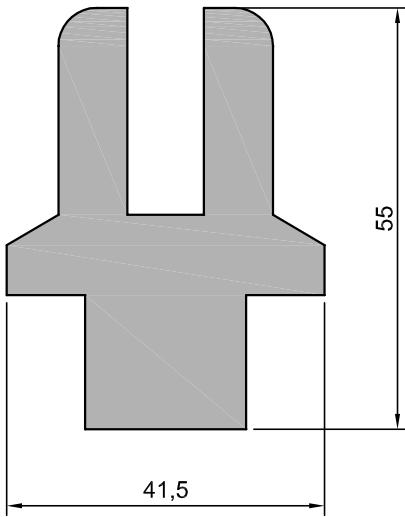
204.04

1,030 kg/m



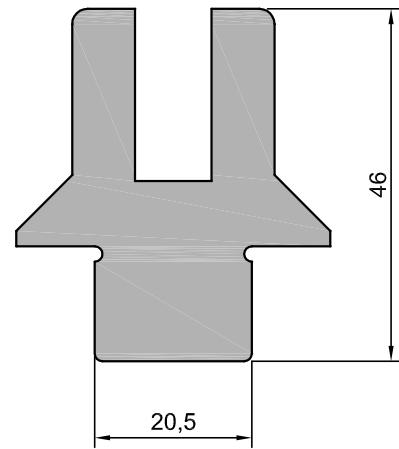
204.36

2,721 kg/m



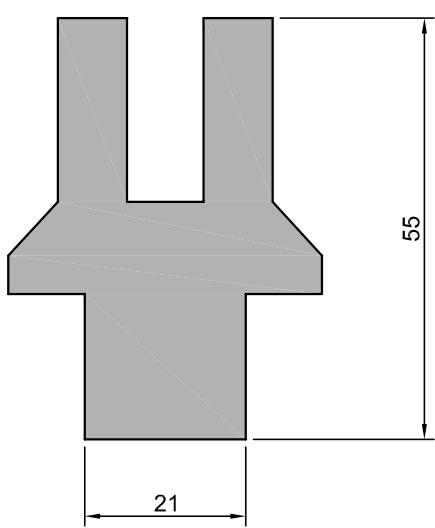
204.38

3,393 kg/m



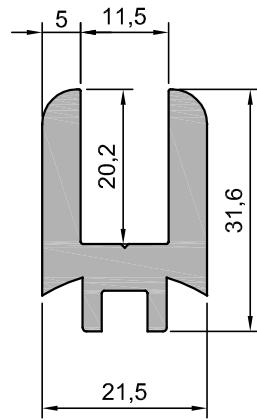
204.39

2,650 kg/m



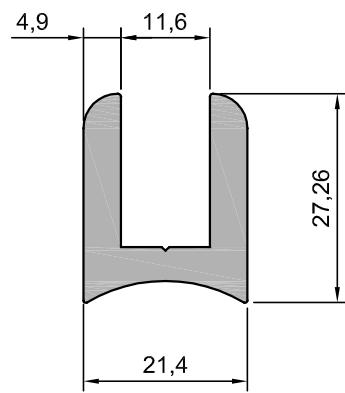
204.03

3,462 kg/m



204.61

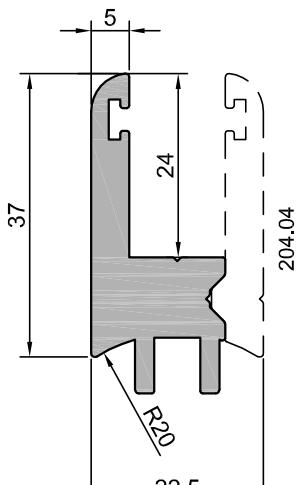
0,932 kg/m



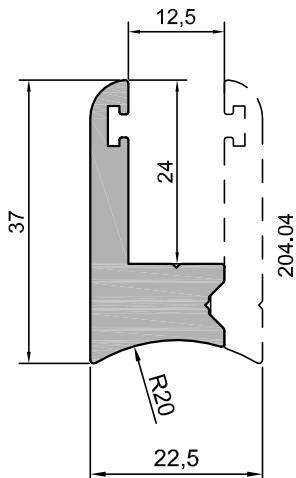
204.37

0,821 kg/m

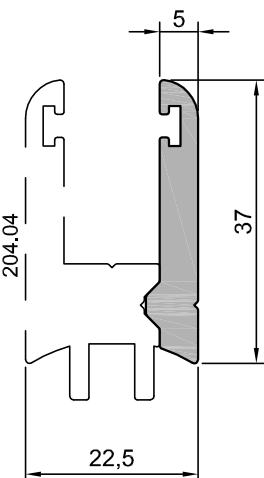
Not: Katalog'ta verilen profil birim ağırlıklar hesaplanırken toleranslar dikkate alınmalıdır. (\pm) % 10' dur.

**204.62**

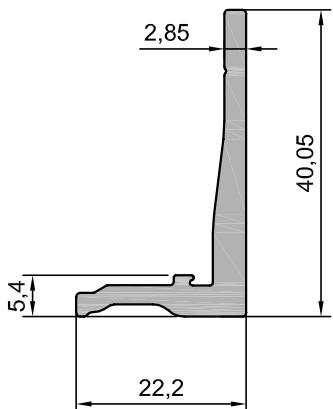
0,932 kg/m

**204.63**

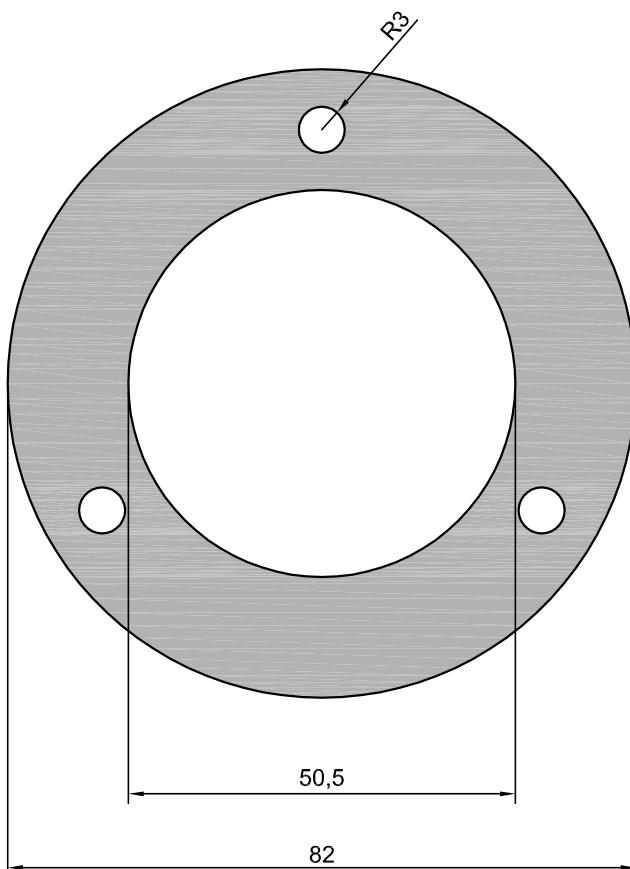
0,932 kg/m

**204.64**

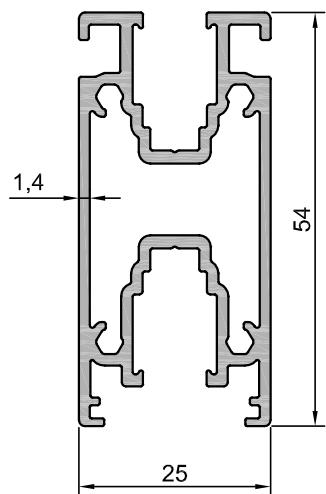
0,932 kg/m

**204.11**

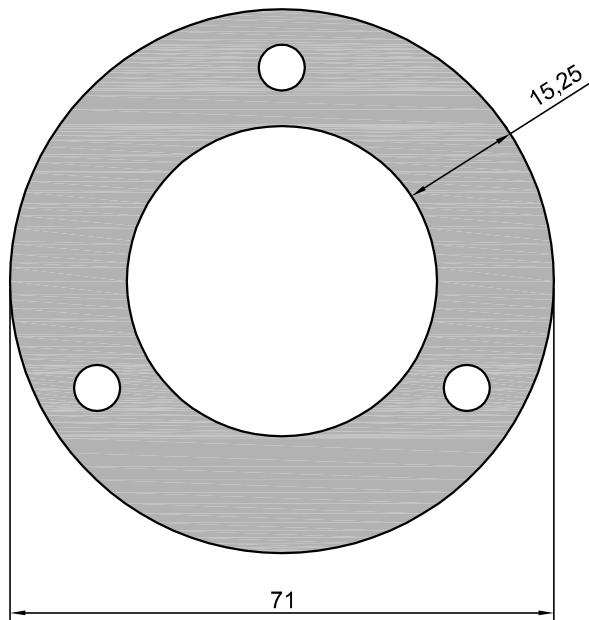
0,541 kg/m

**204.29**

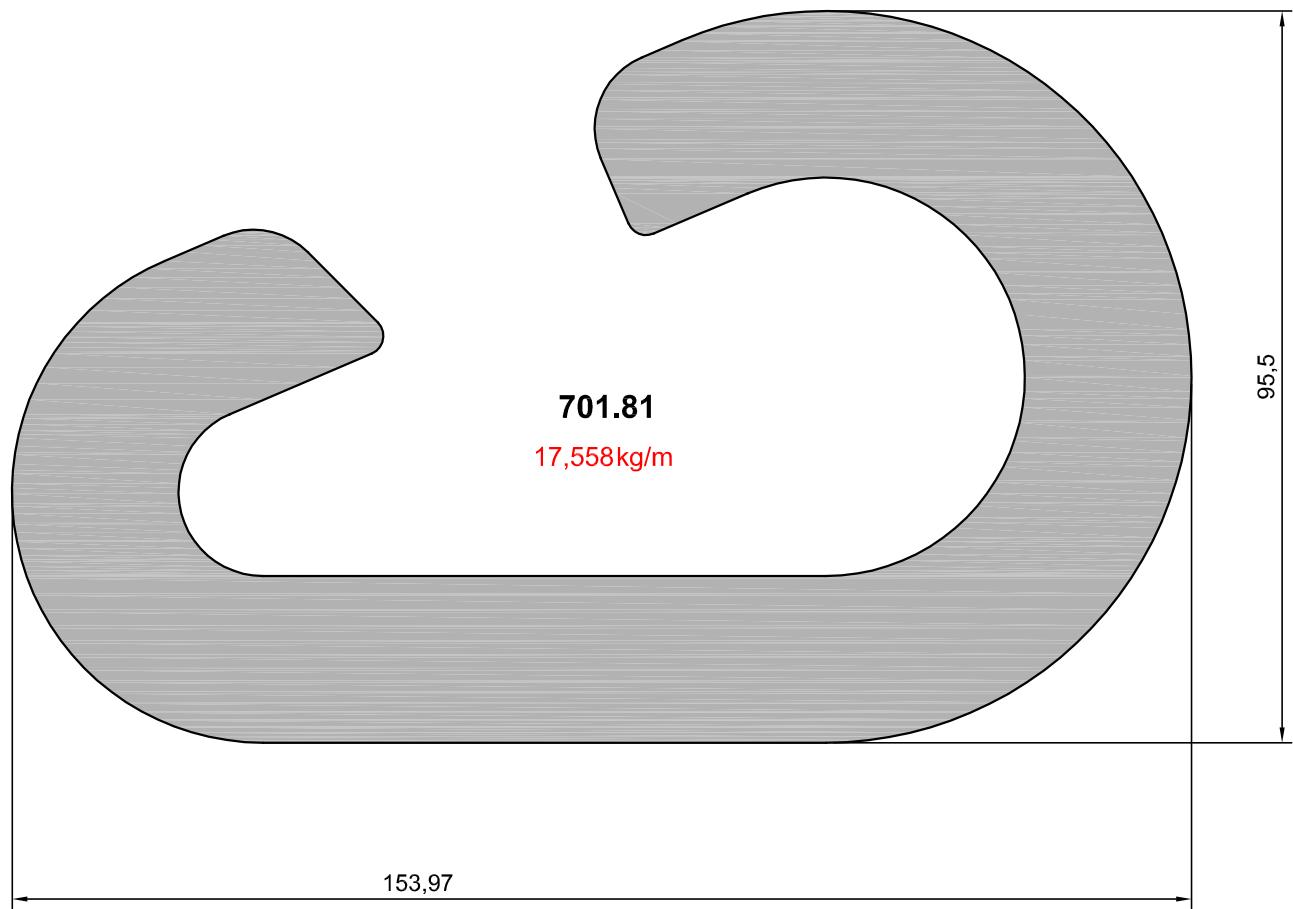
8,653 kg/m

**204.12**

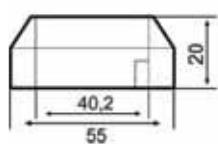
0,970 kg/m



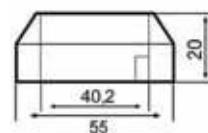
204.30
7,008 kg/m



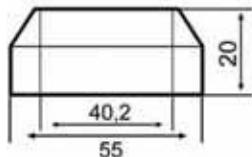
Not: Katalog'ta verilen profil birim ağırlıklar hesaplanırken toleranslar dikkate alınmalıdır. (\pm) % 10' dur.

TK A10.01

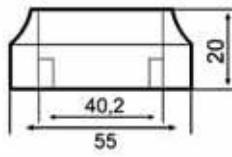
Ø 40'lık Tırnaklı Dikme Flanşı

TK A10.02

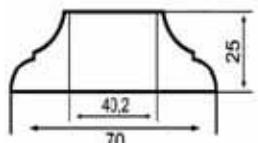
Ø 40'lık Tek Tırnaklı Dikme Flanşı

TK A10.03

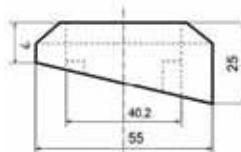
Ø 40'lık Tırnaksız Dikme Flanşı

TK A10.04

Ø 40'lık Dekorlu Dikme Flanşı

TK A10.05

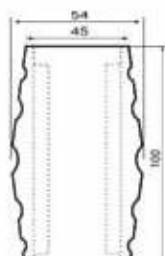
Ø 40'lık Lüks Boru Flanşı

TK A10.06

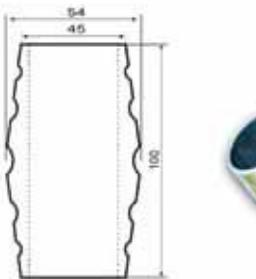
Ø 40'lık Açılı Dikme Flanşı

TK A10.07

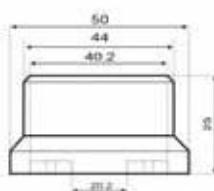
Ø 40'lık Uzun Flanş



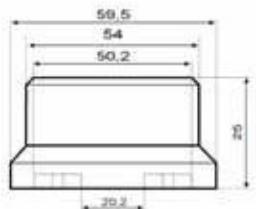
Ø 40'lık Tırnaklı Dekorlu Flanş

TK A10.09

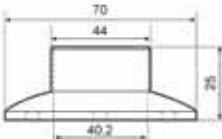
Ø 40'lik Tırnaksız Dekorlu Flans

TK A10.10

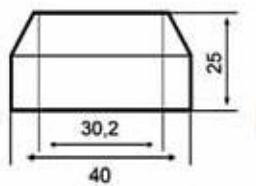
Ø 40'lik Boru Flansı

TK A10.13

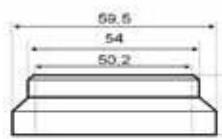
Ø 50'lük Boru Flansı

TK A10.11

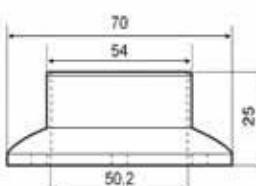
Ø 40'lik 3 Delikli Flans

TK A10.12

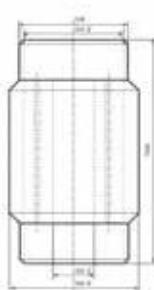
Ø 30'luk Boru Flansı

TK A10.14

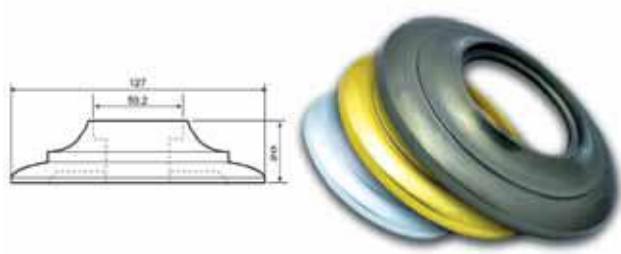
Ø 50'lük Dikme Flansı

TK A10.15

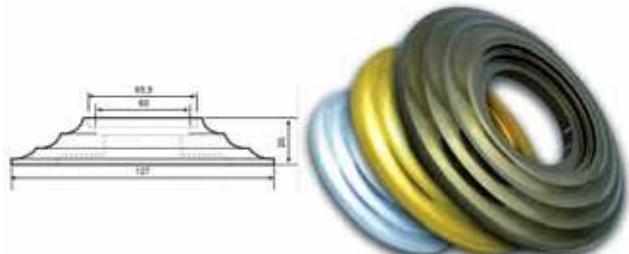
Ø 50'lük Delikli Flans

**TK A10.16**

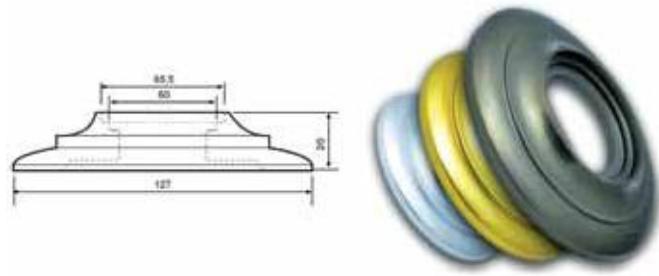
Ø 50'lük Uzun Flans

TK A10.17

Ø 50'lik Büyük Dekorlu Flans

TK A10.18

Ø 70'lik Dekorlu Flans

TK A10.19

Ø 70'lik Dekorlu Flans

TK A10.20

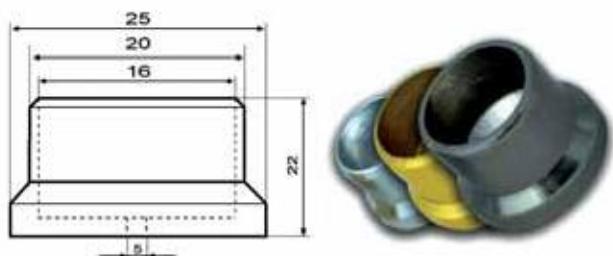
Ø 40'lik 3 Gelin Dikme Dekoru

TK A10.21

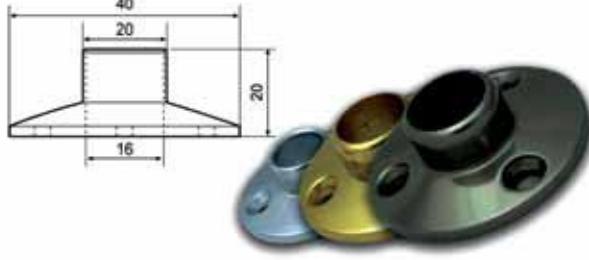
Ø 40'lik İkiz Dikme Dekoru

TK A10.22

Ø 40'lik Paşa Dikme Dekoru

TK A10.23

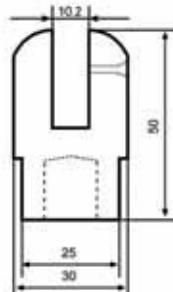
Ø 16'lik Boru Flansı

TK A10.24

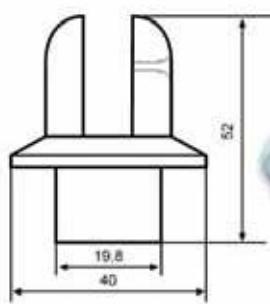
Ø 16'lik 3 Delikli Boru Flansı

TK A10.25

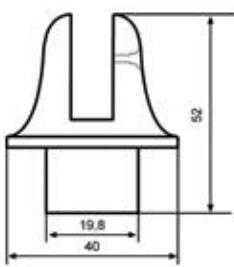
Ø 16'lık Dekorlu Flanş

TK A11.01

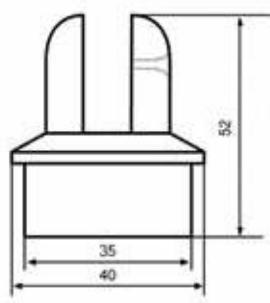
Ø 30'lu Boru Yarıklı Tapa

TK A11.02

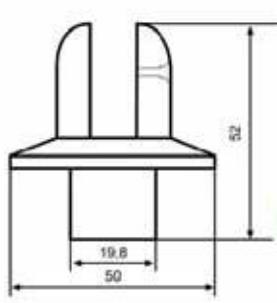
Ø 40'lik Dikme Yarıklı Tapa

TK A11.03

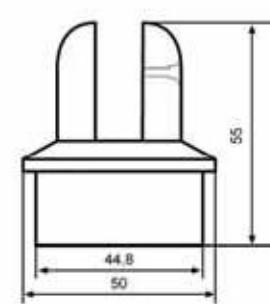
Ø 40'lik Dikme Dekorlu Yarıklı Tapa

TK A11.04

Ø 40'lik Boru Yarıklı Tapa

TK A11.05

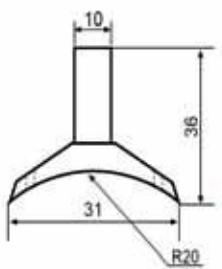
Ø 50'lik Dikme Yarıklı Tapa

TK A11.06

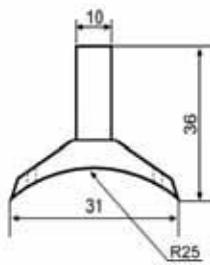
Ø 50'lik Boru Yarıklı Tapa



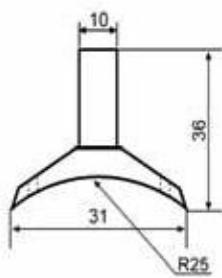
Ø 40'lik Dikme Topuz Yarıklı Tapa

TK A12.01

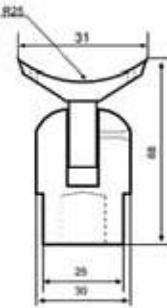
Ø 40'lik Boru Ay Bağlantı

TK A12.02

Ø 50'lik Boru Büyük Ay Bağlantı

TK A12.03

Ø 50'lik Boru Ay Bağlantı

TK A13.01

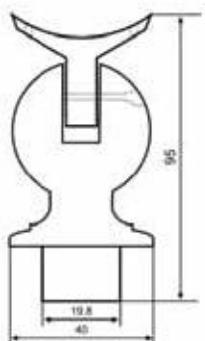
Ø 30'lik Boru Mafsal Takımı

TK A13.02

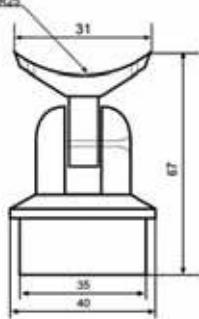
Ø 40'lik İkiz Dikme Mafsal Takımı

TK A13.03

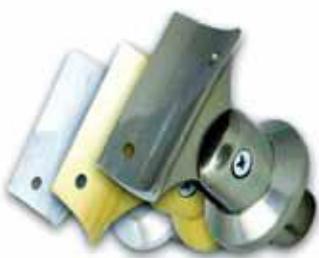
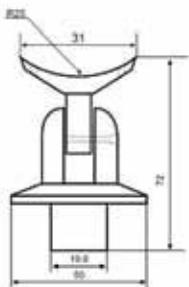
Ø 40'lik Dikme Dekorlu Mafsal Takımı

TK A13.04

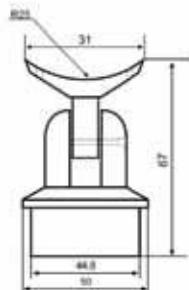
Ø 40'lik Topuz Mafsal Takımı

TK A13.05

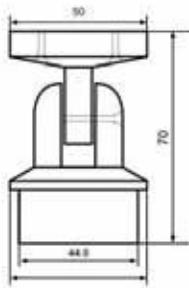
Ø 40'lik Boru Mafsal Takımı

TK A13.06

Ø 50'lik Dikme Mafsal Takımı

TK A13.07

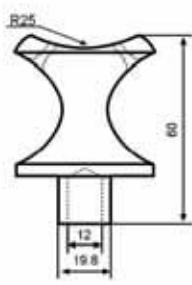
Ø 50'lik Boru Mafsal Takımı

TK A13.08

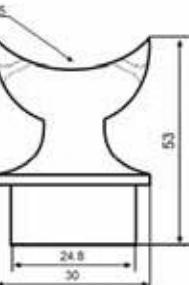
Ø 50'lik Boru Açılı Mafsal Takımı

TK A14.01

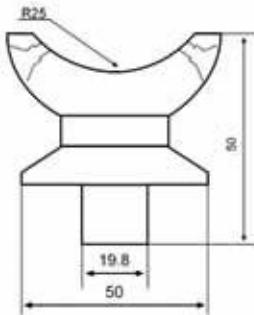
Ø 40x50 Dekorlu Sabit Mafsal

TK A14.02

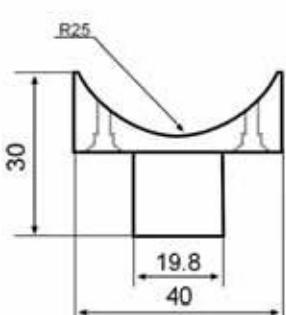
Ø 40x50 Lüks Sabit Mafsal

TK A14.04

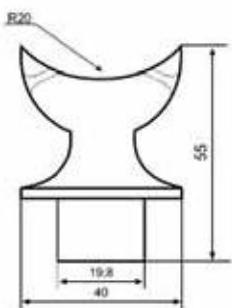
Ø 30x50 Dekorlu Sabit Mafsal

TK A14.06

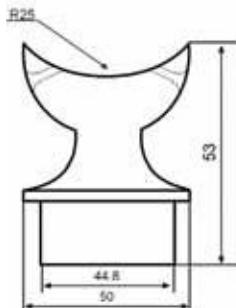
Ø 50x50 Dikme Dekorlu Sabit Mafsal

TK A14.07

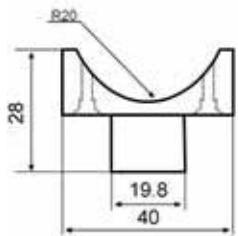
Ø 40x50 Dikme Ara Bağlantı

TK A14.03

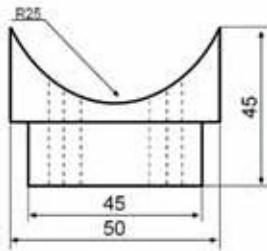
Ø 40x50 Dekorlu Sabit Mafsal

TK A14.05

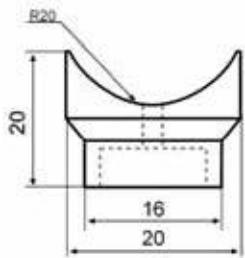
Ø 50x50 Dekorlu Sabit Mafsal

TK A14.08

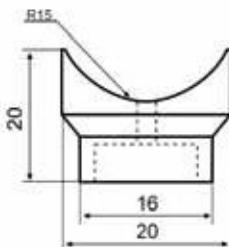
40x40 Dikme Ara Bağlantı

TK A14.09

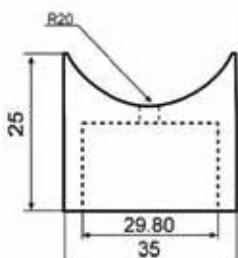
50x50 Boru Ara Bağlantı

TK A14.10

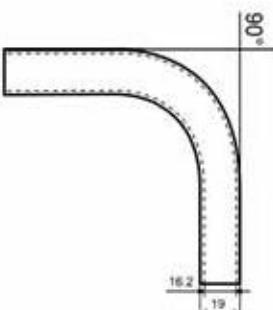
16x40 Boru Ara Bağlantı

TK A14.11

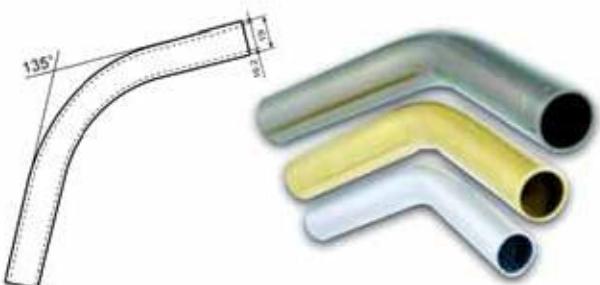
16x30 Boru Ara Bağlantı

TK A14.12

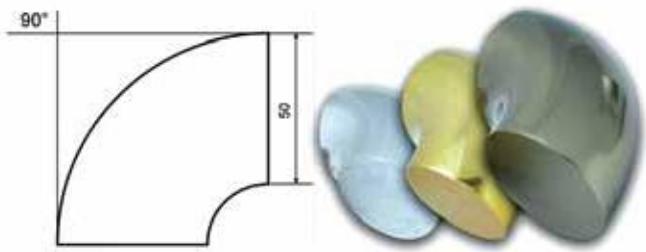
30x40 Boru Ara Bağlantı

TK A15.01

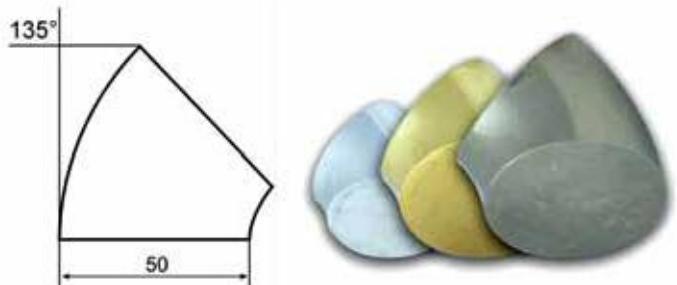
Ø 16'lik 90° Dirsek

TK A15.02

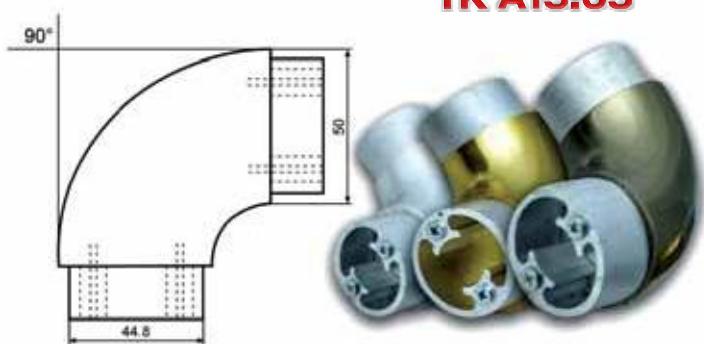
16'lik 135° Dirsek

TK A15.03

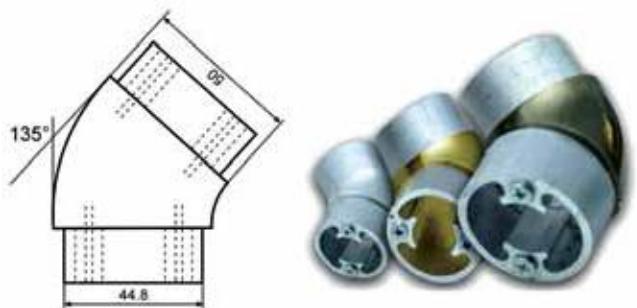
Ø 50'lik 1/4 Dolu Dirsek

TK A15.04

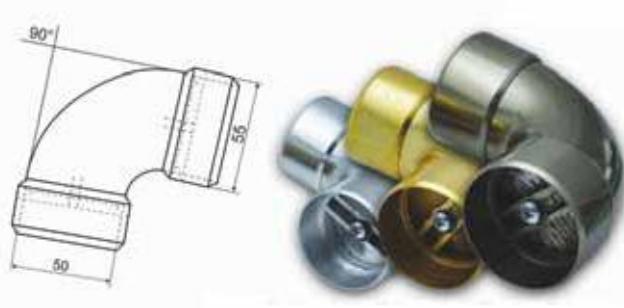
Ø 50'lik 1/8 Dolu Dirsek

TK A15.05

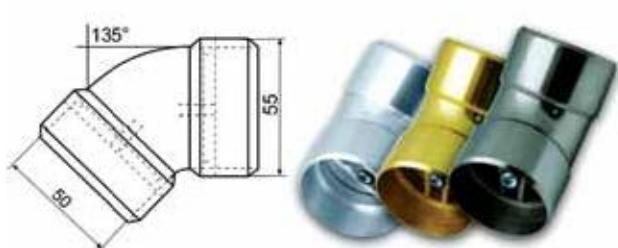
Ø 50'lik 1/4 Bağlı Dolu Dirsek

TK A15.06

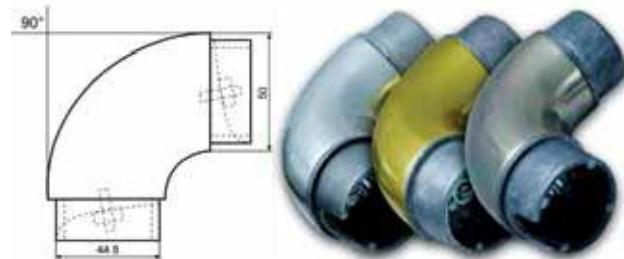
Ø 50'lik 1/8 Bağlı Dolu Dirsek

TK A15.07

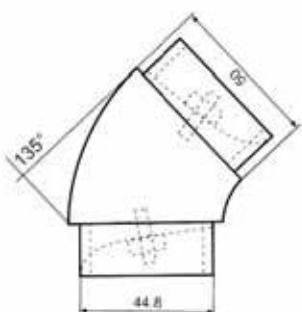
Ø 50'lik 1/4 Bilezik Dolu Dirsek

TK A15.08

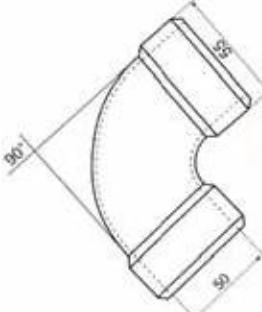
Ø 50'lik 1/8 Bilezik Dolu Dirsek

TK A15.09

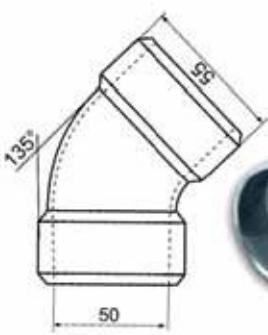
Ø 50'lik 1/4 Boş Dirsek

TK A15.10

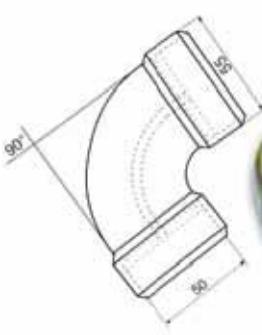
Ø 50'lik 1/8 Boş Dirsek

**TK A15.11**

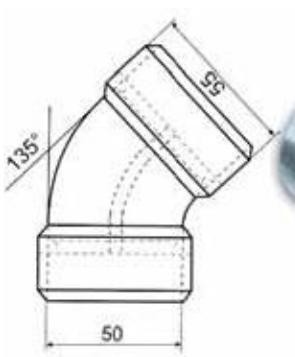
Ø 50'lik 1/4 Şişme Dirsek

TK A15.12

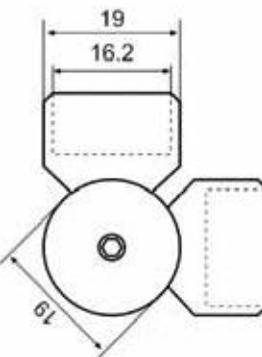
Ø 50'lik 1/8 Şişme Dirsek

**TK A15.13**

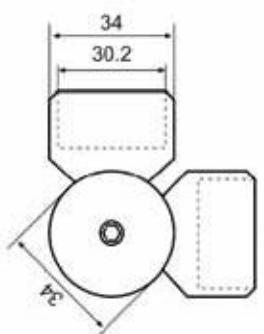
Ø 50'lik 1/4 Bilezikli Boş Dirsek

TK A15.14

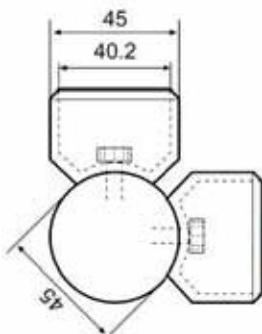
Ø 50'lik 1/8 Bilezikli Boş Dirsek

**TK A15.15**

Ø 16'lık Ayarlı Küre Dirsek

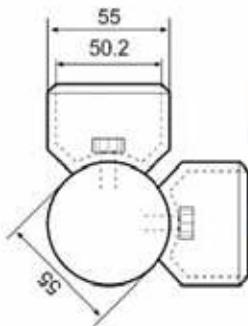
**TK A15.16**

Ø 30'luk Ayarlı Küre Dirsek

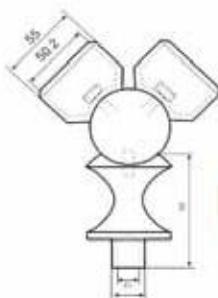
**TK A15.17**

Ø 40'luk Ayarlı Küre Dirsek

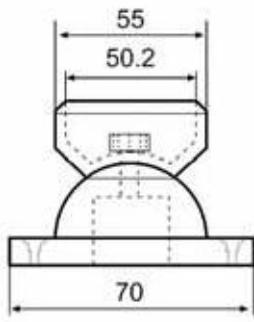


TK A15.18

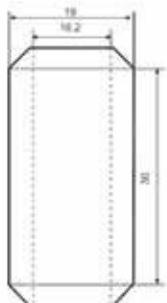
Ø 50'lik Ayarlı Küre Dirsek

TK A15.19

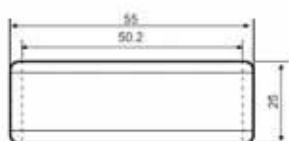
Ø 50'lik Ayarlı Köşe Küre Dirsek

TK A15.20

Ayarlı Küre Duvar Flansı

TK A16.01

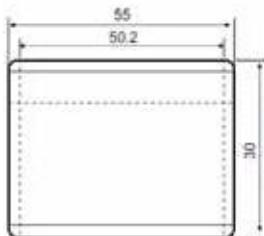
Ø 16'lik Bilezik

TK A16.02

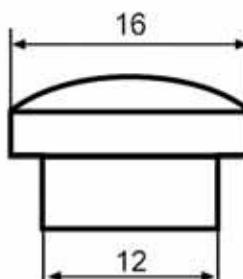
Ø 50'lik Bilezik

TK A16.03

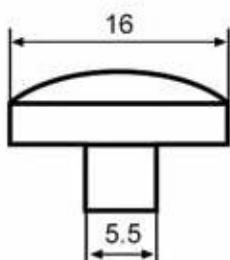
Ø 50'lik Uzun Bilezik

TK A16.04

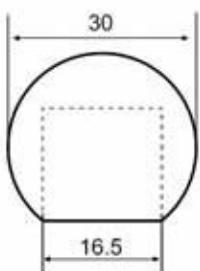
Ø 50'lik Özel Bilezik Simit Bağlantısı

**TK A17.01**

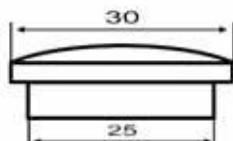
Ø 16'lık Boş Boru Tapası

TK A17.02

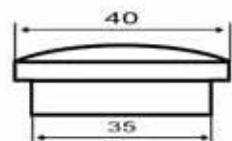
Ø 16'lik Dolu Boru Tapası

**TK A17.03**

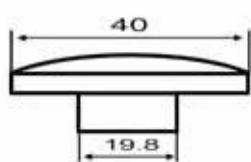
Ø 16'lik Küre Boru Tapası

TK A17.04

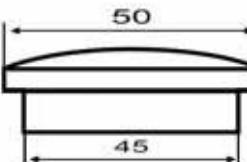
Ø 30'luk Boru Tapası

**TK A17.05**

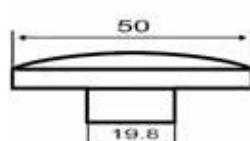
Ø 40'luk Boru Tapası

TK A17.06

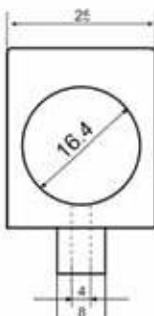
Ø 40'luk Dikme Tapası

**TK A17.07**

Ø 50'luk Boru Tapası

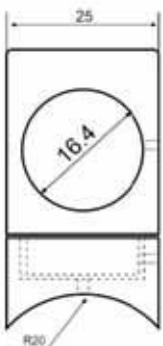
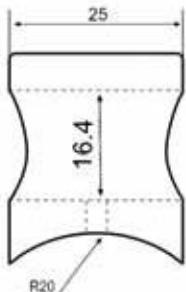
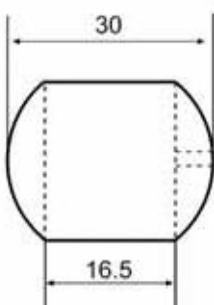
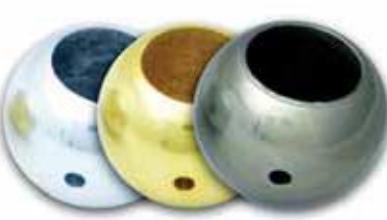
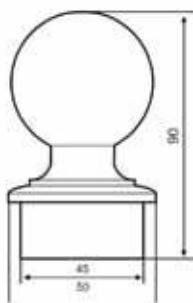
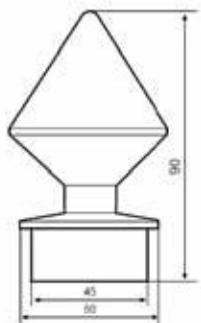
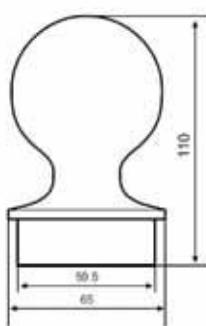
TK A17.08

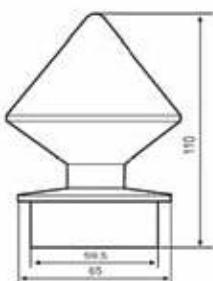
Ø 50'luk Dikme Tapası



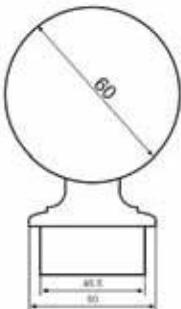
Ø 16'luk Tekli Emniyet Tutamağı

TK A18.01

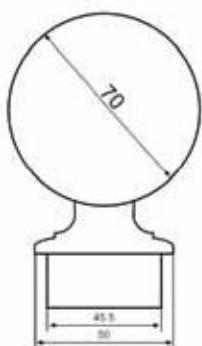
**TK A18.02** $\varnothing 16$ 'lık Çift Emniyet Tutamağı**TK A18.03** $\varnothing 16$ 'lık Tekli Frezeli Emniyet Tutamağı**TK A18.04** $\varnothing 16$ 'lık Küre Emniyet Tutamağı**TK A19.01** $\varnothing 40$ 'lık Dikme Dekorlu Tapa**TK A19.02** $\varnothing 50$ 'lik Dikme Dekorlu Tapa**TK A19.03** $\varnothing 50$ 'lik Boru Dekorlu Tapa**TK A19.04** $\varnothing 50$ 'lik Boru Mizrak Dekorlu Tapa**TK A19.05** $\varnothing 65$ 'lik Boru Dekorlu Tapa

TK A19.06

Ø 65'lik Boru Mizrak Dekorlu Tapa

TK A19.07

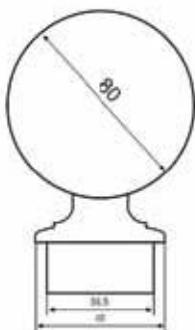
Ø 50x60 Kristal Dekorlu Tapa

TK A19.08

Ø 50x70 Kristal Dekorlu Tapa

TK A19.09

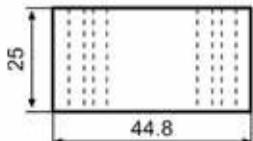
Ø 65x70 Kristal Dekorlu Tapa

TK A19.10

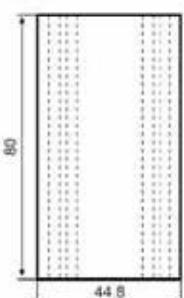
Ø 65x80 Kristal Dekorlu Tapa

TK A20.01

Ø 65'lik Tırtıklı Boru Dikme

TK A21.01

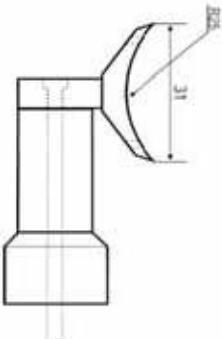
Ø 50'lik Dolu Dirsek Bağlantısı



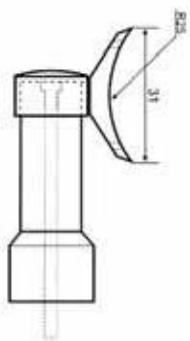
Ø 45'lik Dekorlu Tapa Bağlantısı

TK A21.03

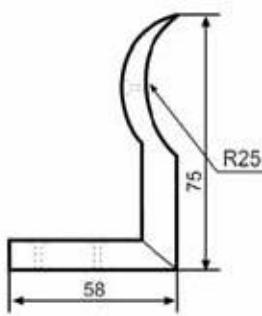
Ø 65'lik Dekorlu Tapa Bağlantısı

TK A22.01

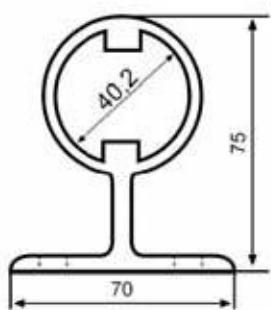
Ø 50'lik Boru Yandan Bağlantı Takımı

TK A22.02

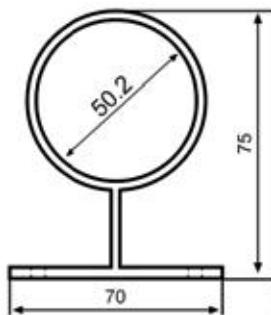
Ø 50'lik Boru Duvar Dibi Takımı

TK A22.03

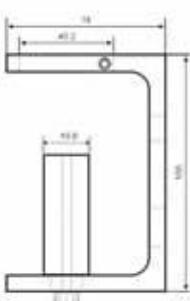
Ø 50'lik Boru L Bağlantısı

TK A22.04

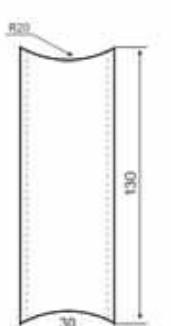
Ø 40'lik Dikme Yandan Bağlantı Takımı

TK A22.05

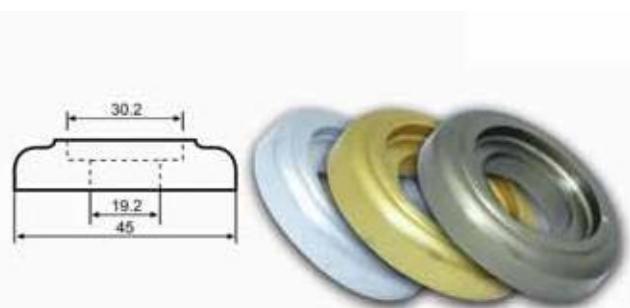
Ø 50'lik Boru Yandan Bağlantı Takımı

TK A22.06

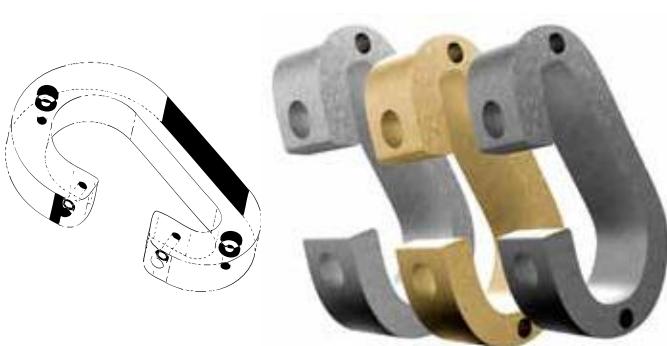
Ø 40'lik Dikme Yandan Özel Bağlantı Takımı

TK A22.07

Çiftli Duvar Ara Bağlantısı

TK A22.08

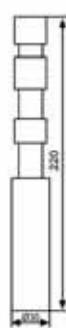
Duvar Pulu

TK A22.09**TK A23.01**

Kapı Menteşe

TK A23.02**TK A24.01**

Ø 40'lık Ahşap Anraj Demiri

**TK A24.02****TK A24.03****TK A24.04**

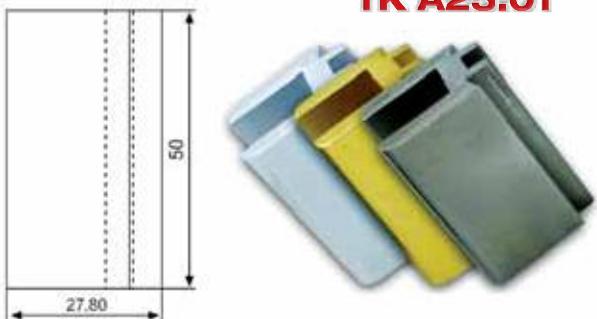
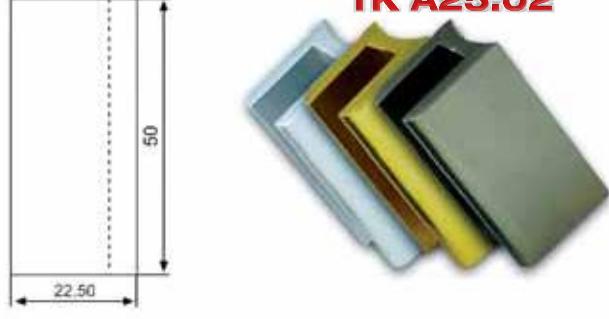
Ø 40'lık Vidalı Anraj Demiri

TK A24.05

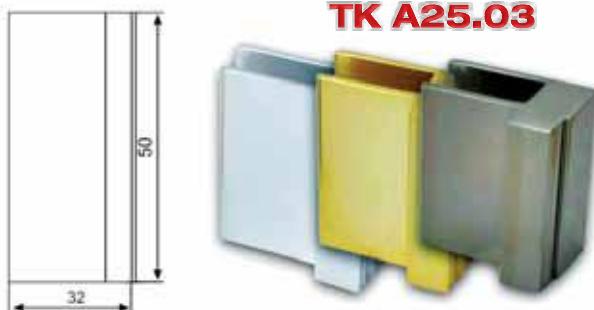
Ø 40'luk Anraj Demiri

TK A24.06

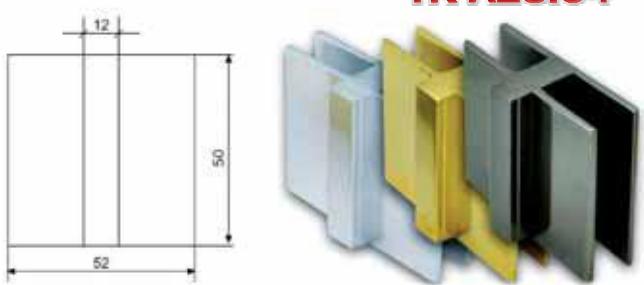
Yandan Anraj Demiri

TK A25.01**TK A25.02**

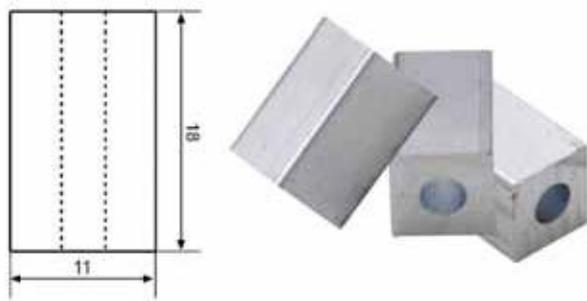
Boruya Göre Cam Tutamağı

TK A25.03

Tekli Cam Tutamağı

TK A25.04

Çiftli Cam Tutamağı

TK A25.05**TK A28.03**

Ø 30'luk Ahşap Takım Dikme



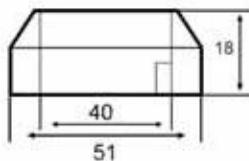
TK A28.04

 $\varnothing 40$ 'luk Ahşap Takım Dikme

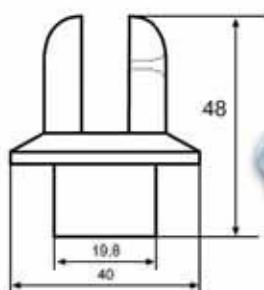
TK A28.01

 $\varnothing 30$ 'luk Ahşap Dekor

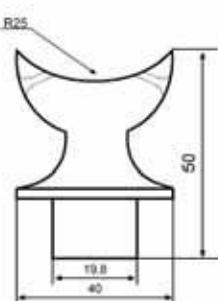
TK A28.02

 $\varnothing 40$ 'lık Ahşap Dekor

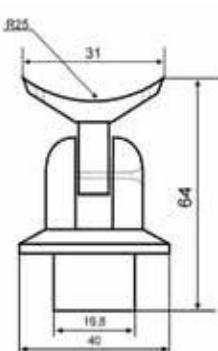
TK A29.01



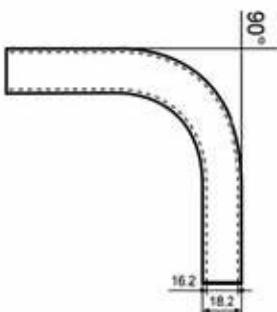
TK A29.02

 $\varnothing 40$ 'lık Dikme Yarıklı Tapa

TK A29.04

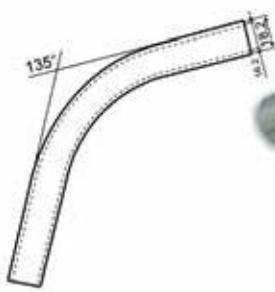


TK A29.05



TK A29.06

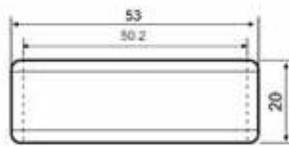
 $\varnothing 16$ 'lık 90° Dirsek



TK A29.07



Ø 16'lik 135° Dirsek

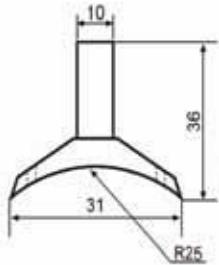


TK A29.08



Ø 50'lik Bilezik

TK A29.03



Ø 40'lik Ay Baglantı







UYGULAMA ÖRNEKLERİ

