Ürün arama:

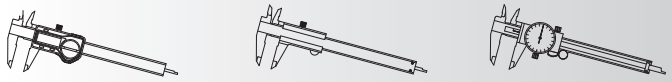
1. Ürün gruplarına göre aşağıdaki dizini arayın.

VIDEO

Ürünlerin temel çalışma videosunu izlemek için lütfen QR kodu okutunuz.

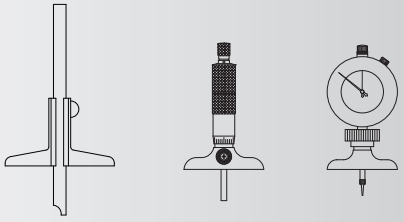
S1-20

DİJİTAL KUMPAS
MEKANİK KUMPAS
SAATLİ KUMPAS



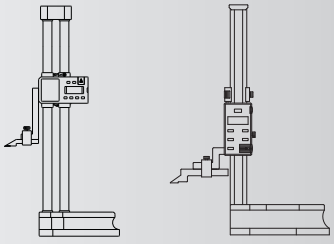
S21-32

DERİNLİK KUMPASI
DERİNLİK MİKROMETRESİ
DERİNLİK SAATİ



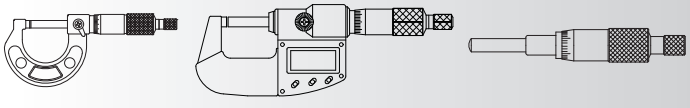
S33-35

MİHENGİR



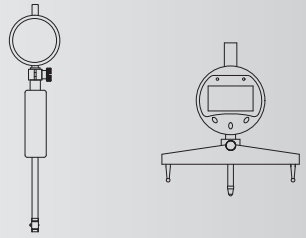
S36-55

DIŞ ÇAP MİKROMETRESİ
İÇ ÇAP MİKROMETRESİ
MİKROMETRE KAFASI
MİKROMETRE STANDI



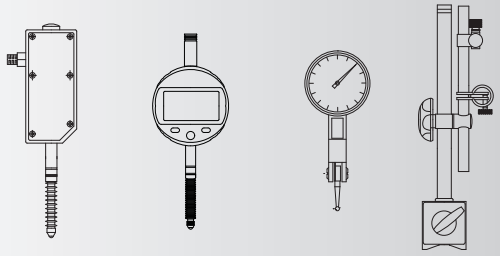
S56-58

SİLİNDİR KOMPARATÖRÜ
RADYÜS MASTARI
PİMETRE



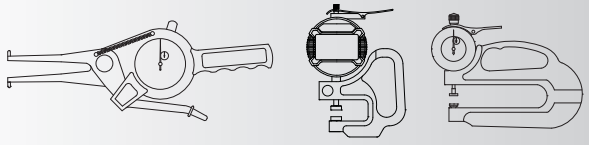
S59-76

İNKREMENTAL PROB
MEKANİK KOMPARATÖR SAATİ
DİJİTAL KOMPARATÖR SAATİ
SALGI KOMPARATÖRÜ
KOMPARATÖR UÇLARI
MANYETİK STAND
KONSANTRİKLİK MASTARI



S77-86

MEKANİK KANAL KOMPARATÖRÜ
DİJİTAL KANAL KOMPARATÖRÜ
KALINLIK KOMPARATÖRÜ
KRANK KOMPARATÖRÜ



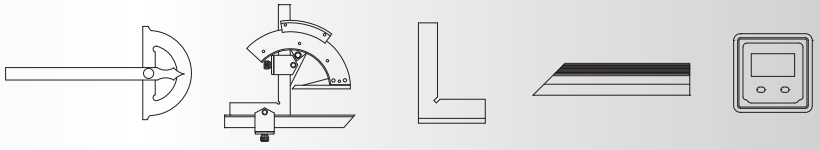
S87-95

JOHNSON MASTAR
HALKA MASTAR
TAMPON MASTAR
HALKA DİŞ MASTARI
TAMPON DİŞ MASTARI



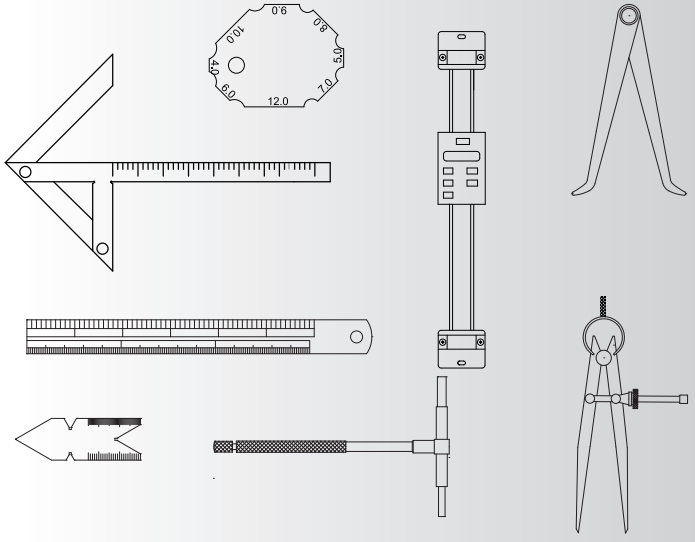
S96-103

AÇI ÖLÇER
GÖNYE
CETVEL
SU TERAZİSİ



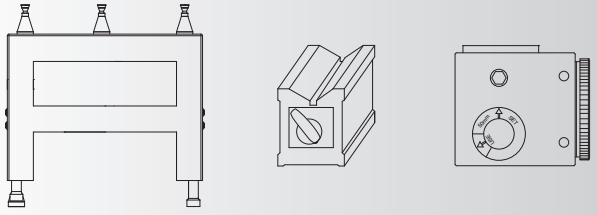
S104-120

FİLLER ÇAKISI
HATVE MASTARI
AÇI MASTARI
RADYÜS MASTARI
KAYNAKÇI MASTARI
ÇELİK CETVEL
DİJİTAL CETVEL



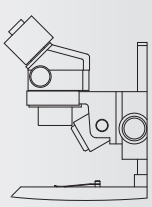
S121-124

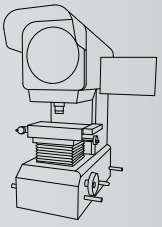
V-BLOK
PARALEL SET
MERKEZLEME APARATI
Z SIFIRLAMA



S125-132

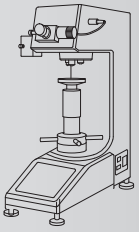
DİJİTAL MİKROSKOP
KAMERALI ÖLÇÜM SİSTEMİ
PROFİL PROJEKTÖR





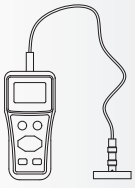
S133-137

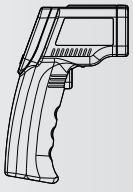
SERTLİK ÖLÇÜM CİHAZI

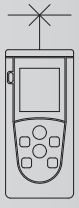


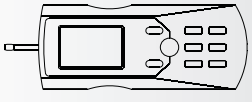
S138-142

KAPLAMA KALINLIĞI
ULTRASONİK KALINLIK
YÜZEY PÜRÜZLÜLÜĞÜ







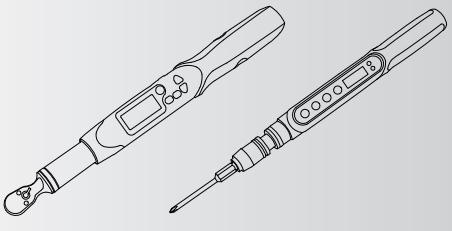




S143-146

DİNANMOMETRE
TORK ANAHTARI



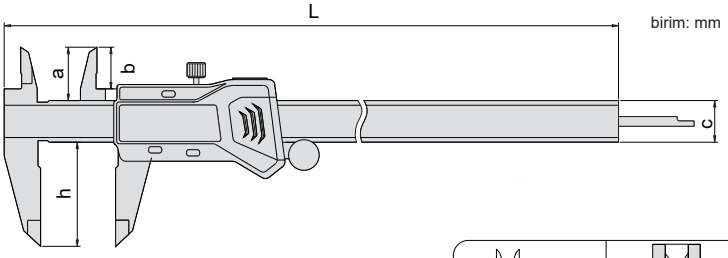


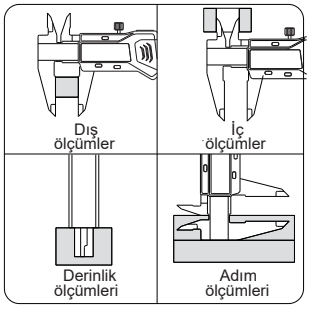
111 SERİSİ DİJİTAL KUMPAS - EKONOMİK TİP

Sertifika | LR44



- Ekonomik tip
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inç, ABS
- Otomatik açma/kapanma
- DIN862
- Paslanmaz çelik

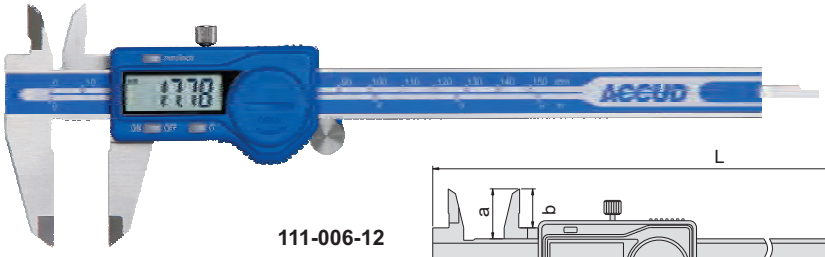




Kod	Aralık	Hassasiyet	a	b	c	h	L	Fiyat
111-006-13	0-150mm/0-6"	±0.03mm	21	16	16	40	236	54 $
111-008-13	0-200mm/0-8"	±0.03mm	24	19	16	50	286	92 $
111-012-13	0-300mm/0-12"	±0.03mm	25	20.5	16	60	400	159 $

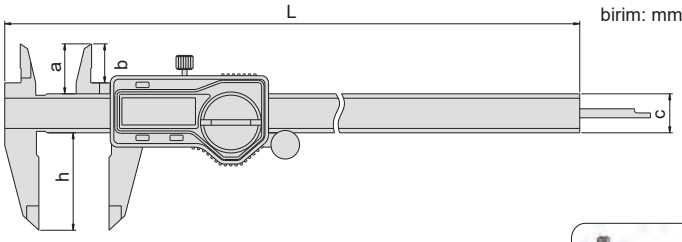
111 SERİSİ DİJİTAL KUMPAS

Sertifika | Veri çıkışı | CR2032

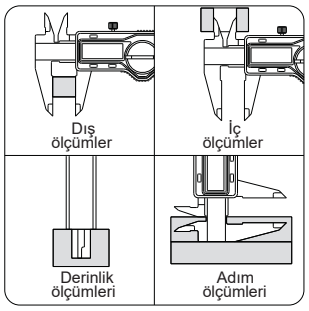


111-006-12

- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inç, ABS
- Veri çıkışı (Kablo kodu:100-11 veya 100-12)
- Otomatik açma/kapanma
- DIN862
- Paslanmaz çelik







Kod	Aralık	Hassasiyet	a	b	c	h	L	Fiyat
111-006-12	0-150mm/0-6"	±0.03mm	21	16	16	40	236	60 $
111-008-12	0-200mm/0-8"	±0.03mm	24	19	16	50	286	101 $
111-012-12	0-300mm/0-12"	±0.03mm	25	20.5	16	60	400	172 $
111-006-12W	0-150mm/0-6"	±0.03mm	21	16	16	40	236	65 $
111-008-12W	0-200mm/0-8"	±0.03mm	24	19	16	50	286	102 $
111-012-12W	0-300mm/0-12"	±0.03mm	25	20.5	16	60	400	184 $

111 SERİSİ DİJİTAL KUMPAS

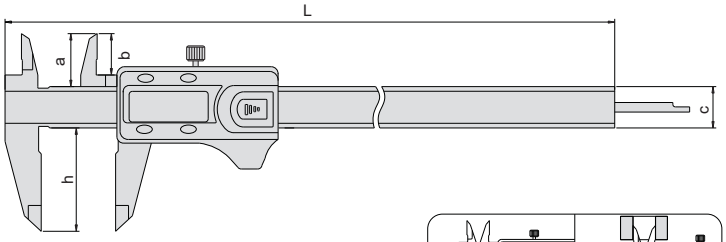
Sertifika | Veri çıkışı | CR2032

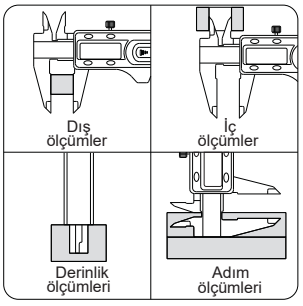


111-006-11

- Cam cetvel ile yüksek hassasiyet
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inç, ABS
- Veri çıkışı (Kablo kodu:100-11 veya 100-12)
- Otomatik açma/kapanma
- DIN862
- Paslanmaz çelik

birim: mm

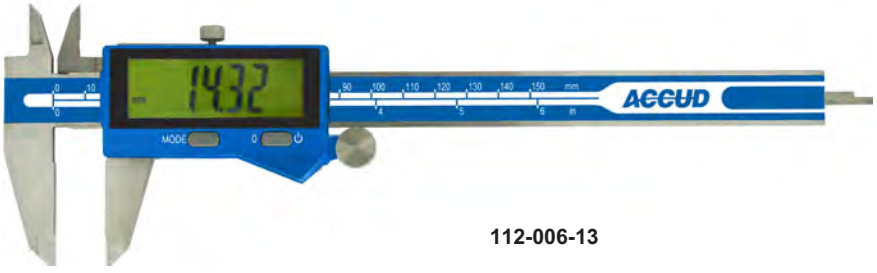




Kod	Aralık	Hassasiyet	a	b	c	h	L	Fiyat
111-006-11	0-150mm/0-6"	±0.03mm	21	16	16	40	236	**108 $**
111-008-11	0-200mm/0-8"	±0.03mm	24	19	16	50	286	**146 $**
111-012-11	0-300mm/0-12"	±0.03mm	25	20.5	16	60	400	**219 $**

112 SERİSİ IP67 DİJİTAL KUMPAS

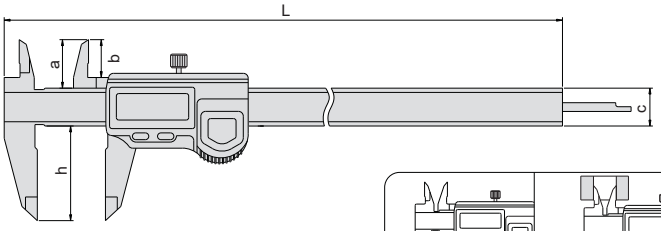
Sertifika | CR1632 | IP67 | ABS

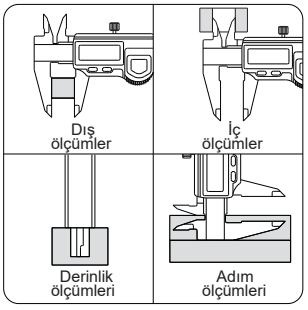


112-006-13

- IP67 Koruma
- Mutlak sistem
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inç, ABS
- Otomatik açma/kapanma

birim: mm





Kod	Aralık	Hassasiyet	a	b	c	h	L	Fiyat
112-006-13	0-150mm/0-6"	±0.03mm	21	16.5	16	40	236	**162 $**
112-008-13	0-200mm/0-8"	±0.03mm	24	20	16	50	286	**230 $**
112-012-13	0-300mm/0-12"	±0.03mm	25	20.5	16	60	400	**310 $**

112 SERİSİ IP67 DİJİTAL KUMPAS

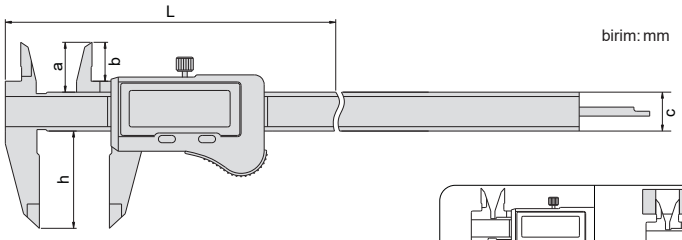
Sertifika · CR2032 · IP67 · ABS

SYLVAC SYSTEM — Switzerland —

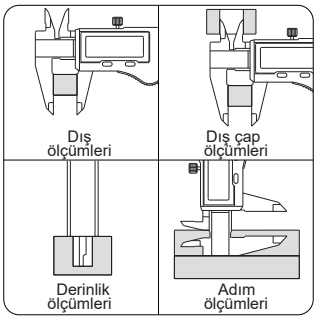


112-006-11H

- IP67 Koruma
- Mutlak sistem
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inç, ABS
- Otomatik açma/kapanma
- Paslanmaz çelik



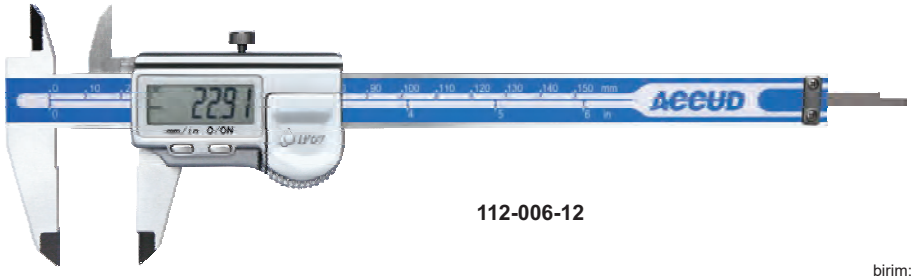
birim: mm



Kod	Aralık	Hassasiyet	a	b	c	h	L	Fiyat
112-006-11H	0-150mm/0-6"	±0.02mm	21	16	16	40	236	**273 $**
112-008-11H	0-200mm/0-8"	±0.02mm	24	20.5	16	50	286	**336 $**
112-012-11H	0-300mm/0-12"	±0.03mm	25	20.5	16	60	400	**426 $**

112 SERİSİ IP67 DİJİTAL KUMPAS

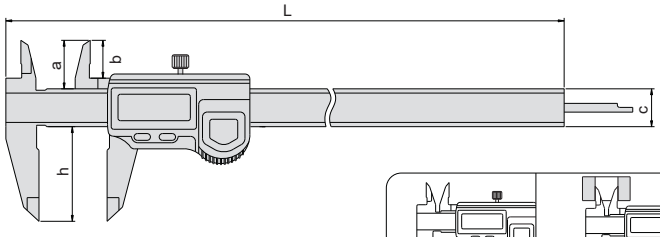
Sertifika · CR2032 · IP67 · ABS

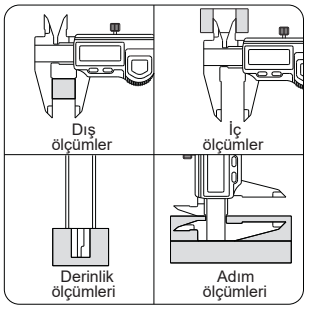


112-006-12

birim: mm

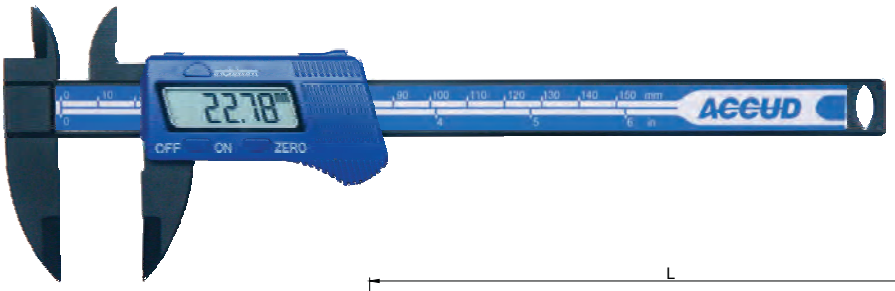
- IP67 Koruma
- Mutlak sistem
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inç, ABS
- Otomatik açma/kapanma



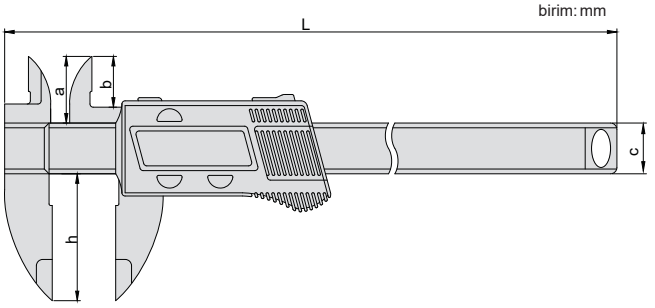


Kod	Aralık	Hassasiyet	a	b	c	h	L	Fiyat
112-006-12	0-150mm/0-6"	±0.03mm	21	16.5	16	40	236	**219 $**
112-008-12	0-200mm/0-8"	±0.03mm	24	20	16	50	286	**298 $**
112-012-12	0-300mm/0-12"	±0.03mm	25	20.5	16	60	400	**419 $**

117 SERİSİ PLASTİK DİJİTAL KUMPAS

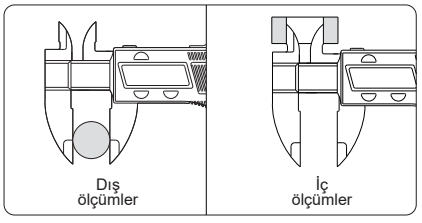


birim: mm



- Sert plastikten yapılmıştır
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inch

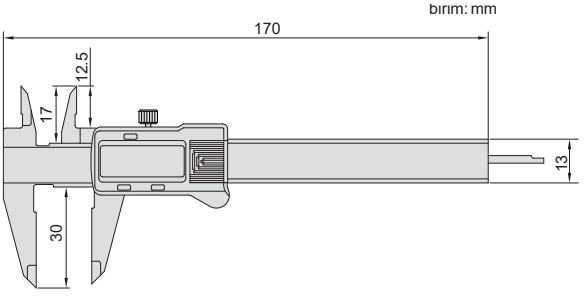
Kod	Aralık	Hassasiyet	a	b	c	h	L	Fiyat
117-006-11	0-150mm/0-6"	±0.1mm	21	16	16	40	243	31 $



114 SERİSİ MİNİ DİJİTAL KUMPAS

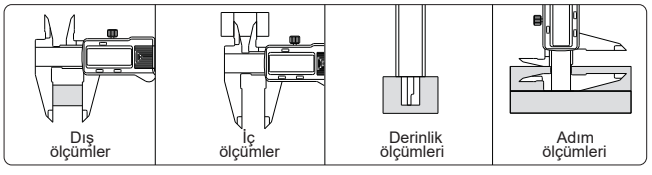


birim: mm



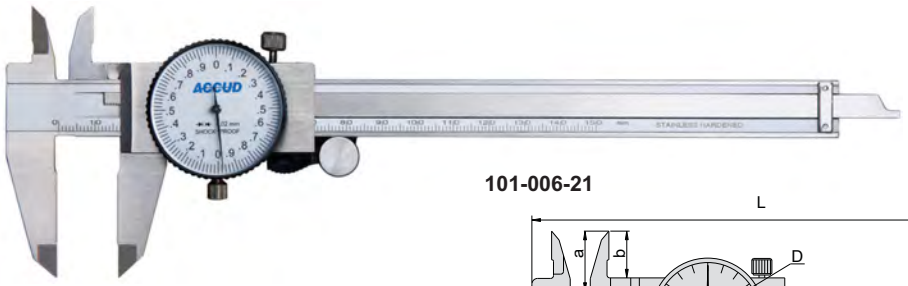
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inch
- DIN862
- Paslanmaz çelik

Kod	Aralık	Hassasiyet	Fiyat
114-004-11	0-100mm/0-4"	±0.02mm	77 $



101 SERİSİ SAATLİ KUMPAS

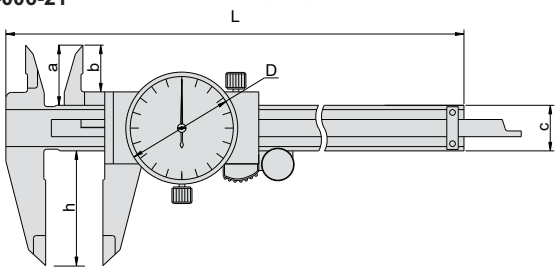
Sertifika
Darbe koruma



- Darbeye dayanıklı saat
- Paslanmaz çelik

101-006-21

birim: mm

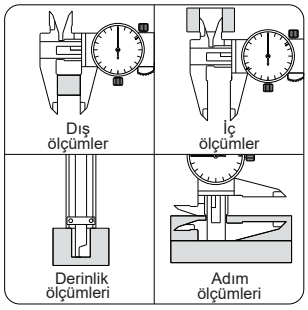


Okuma 0.01mm

Kod	Aralık	Hassasiyet	a	b	c	h	D	L	Fiyat
101-006-11	0-150mm	±0.03mm	21	16.5	16	40	Ø39	233	98 $
101-008-11	0-200mm	±0.03mm	24	19	16	50	Ø39	288	127 $
101-012-11	0-300mm	±0.04mm	30	25	20	64	Ø44	390	199 $

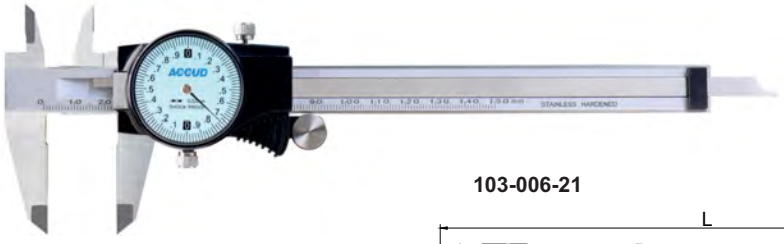
Okuma 0.02mm

Kod	Aralık	Hassasiyet	a	b	c	h	D	L	Fiyat
101-006-21	0-150mm	±0.03mm	21	16.5	16	40	Ø39	233	88 $
101-008-21	0-200mm	±0.03mm	24	19	16	50	Ø39	288	116 $
101-012-21	0-300mm	±0.04mm	30	25	20	64	Ø44	390	188 $



101 SERİSİ SAATLİ KUMPAS

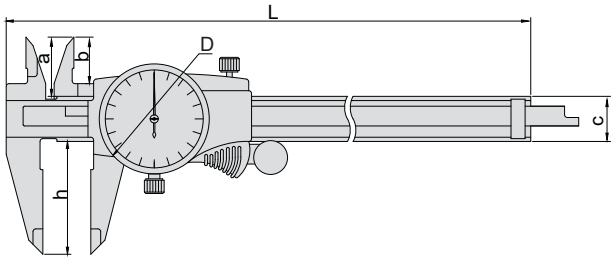
Sertifika
Darbe koruma



- Darbeye dayanıklı saat
- Paslanmaz çelik

103-006-21

birim: mm

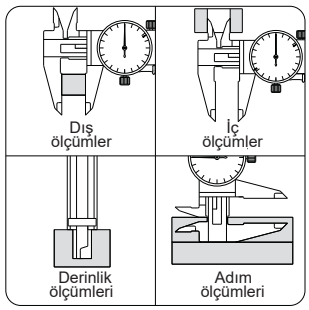


Okuma 0.01mm

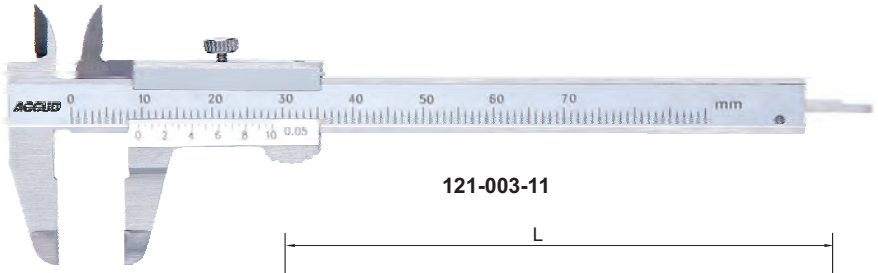
Kod	Aralık	Hassasiyet	a	b	c	h	D	L	Fiyat
103-006-11	0-150mm	±0.03mm	21	16.5	16	40	Ø39	233	134 $
103-008-11	0-200mm	±0.03mm	24	19	16	50	Ø39	288	166 $
103-012-11	0-300mm	±0.04mm	30	25	20	64	Ø44	390	254 $

Okuma 0.02mm

Kod	Aralık	Hassasiyet	a	b	c	h	D	L	Fiyat
103-006-21	0-150mm	±0.03mm	21	16.5	16	40	Ø39	233	118 $
103-008-21	0-200mm	±0.03mm	24	19	16	50	Ø39	288	153 $
103-012-21	0-300mm	±0.04mm	30	25	20	64	Ø44	390	228 $

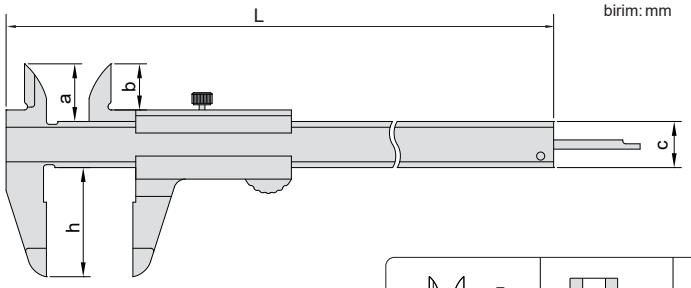


121 SERİSİ MİNİ MEKANİK KUMPAS

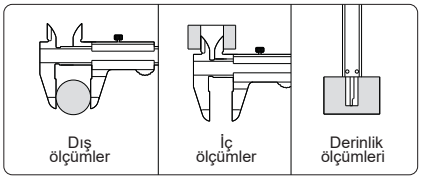


121-003-11

birim: mm

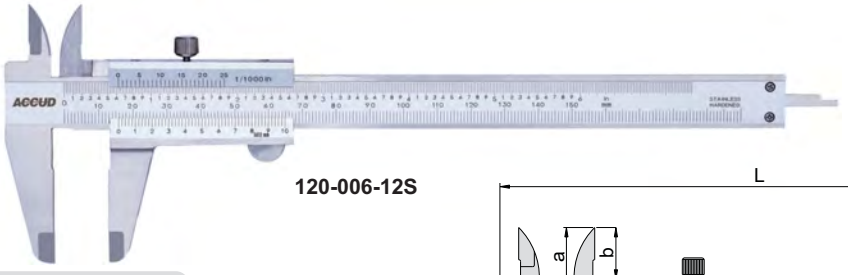


- DIN862
- Krom kaplama okuma yüzeyi
- Paslanmaz çelik



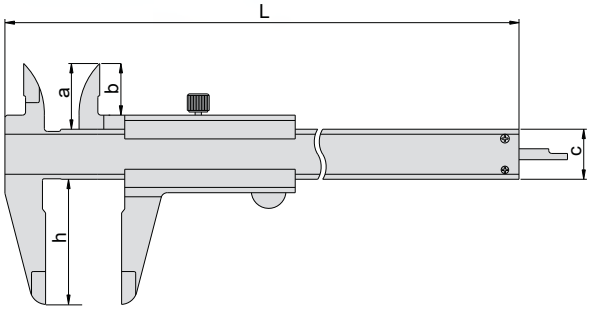
Kod	Aralık	Okuma	Hassasiyet	a	b	h	L	C	Fiyat
121-003-11	0-70mm	0.05mm	±0.05mm	10	8	19	113	8	53 $
121-004-11	0-100mm	0.05mm	±0.05mm	17	13	30	160	12	50 $

120 SERİSİ MEKANİK KUMPAS



120-006-12S

birim: mm



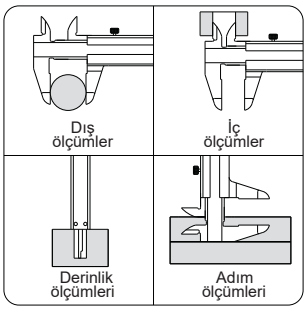
- DIN862
- Krom kaplama okuma yüzeyi
- Paslanmaz çelik

Okuma 0.02mm/0.001"

Kod	Aralık	Hassasiyet	a	b	c	h	L	Fiyat
120-006-12S	0-150mm/0-6"	±0.03mm	20.5	15.5	16	40	235	50 $
120-008-12S	0-200mm/0-8"	±0.03mm	23.5	19	16	50	290	85 $
120-012-12S	0-300mm/0-12"	±0.03mm	27.5	22	20	64	414	147 $

Okuma 0.05mm/1/128"

Kod	Aralık	Hassasiyet	a	b	c	h	L	Fiyat
120-006-14S	0-150mm/0-6"	±0.05mm	20.5	15.5	16	40	235	42 $
120-008-14S	0-200mm/0-8"	±0.05mm	23.5	19	16	50	290	77 $
120-012-14S	0-300mm/0-12"	±0.05mm	27.5	22	20	64	414	134 $



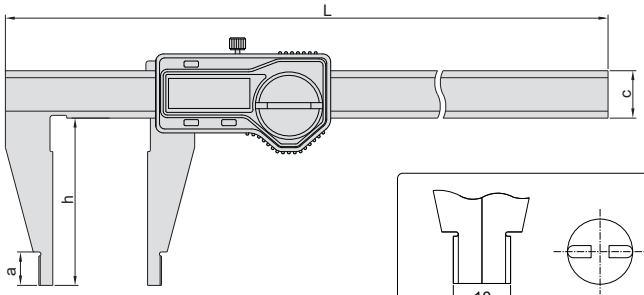
118 SERİSİ DİJİTAL KUMPAS

Veri çıkışı | CR2032

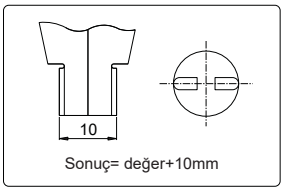


118-012-14

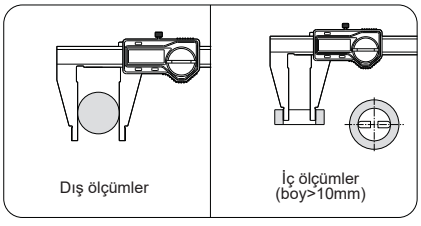
birim: mm



- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inç, ABS
- Veri çıkışı (Kablo kodu:100-11 veya 100-12)
- Otomatik açma/kapanma
- Paslanmaz çelik

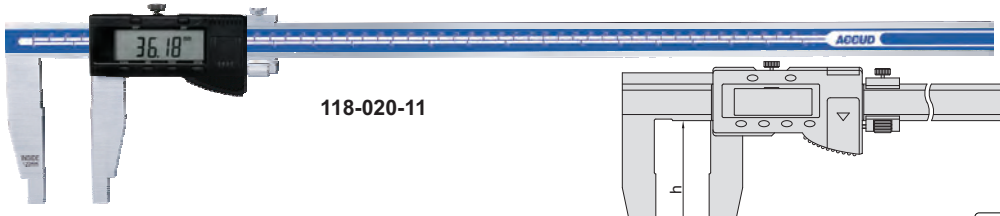


Kod	Aralık	Hassasiyet	a	c	h	L	Fiyat
118-008-11	0-200mm/0-8"	±0.03mm	12	17	60	320	208 $
118-012-14	0-300mm/0-12"	±0.04mm	12	17	60	420	300 $
118-012-15	0-300mm/0-12"	±0.04mm	12	17	90	420	374 $



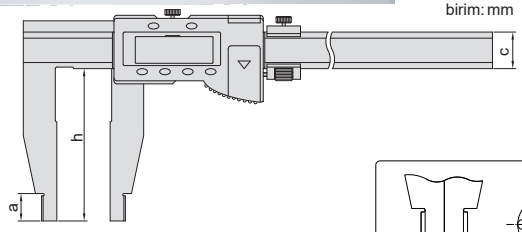
118 SERİSİ DİJİTAL KUMPAS

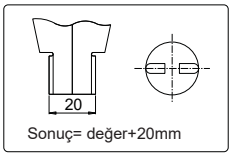
Veri çıkışı | CR2032



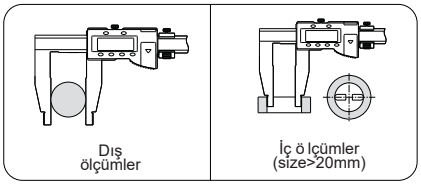
118-020-11

birim: mm





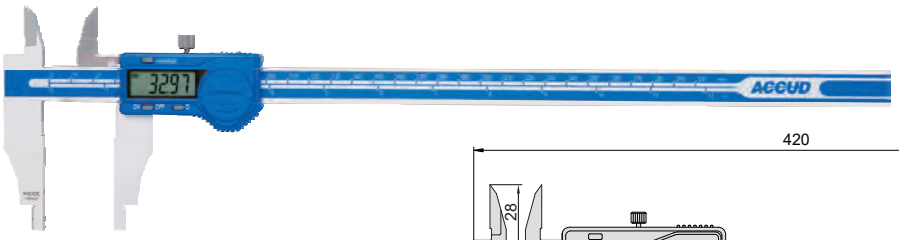
Kod	Aralık	Hassasiyet	a	c	h	Fiyat
118-012-11	0-300mm/0-12"	±0.04mm	18	24	100	473 $
118-012-12	0-300mm/0-12"	±0.05mm	18	24	150	537 $
118-012-13	0-300mm/0-12"	±0.05mm	18	24	200	626 $
118-020-11	0-500mm/0-20"	±0.05mm	18	24	100	427 $
118-020-12	0-500mm/0-20"	±0.06mm	18	24	150	696 $
118-020-13	0-500mm/0-20"	±0.06mm	18	32	200	994 $
118-020-14	0-500mm/0-20"	±0.08mm	18	42	300	1357 $
118-024-11	0-600mm/0-24"	±0.05mm	18	24	100	523 $
118-024-12	0-600mm/0-24"	±0.06mm	18	24	150	954 $
118-024-13	0-600mm/0-24"	±0.06mm	18	32	200	1212 $
118-024-15	0-600mm/0-24"	±0.08mm	18	42	300	1980 $
118-040-11	0-1000mm/0-40"	±0.08mm	24	32	150	1198 $
118-040-12	0-1000mm/0-40"	±0.08mm	24	32	200	2132 $
118-040-13	0-1000mm/0-40"	±0.10mm	24	42	300	3035 $
118-060-11	0-1500mm/0-60"	±0.11mm	24	42	150	2953 $
118-080-11	0-2000mm/0-80"	±0.14mm	24	42	150	4436 $

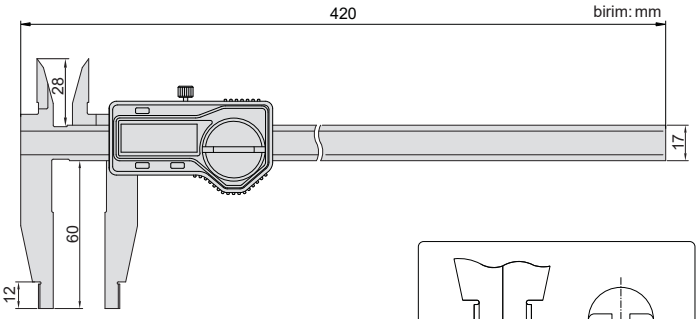


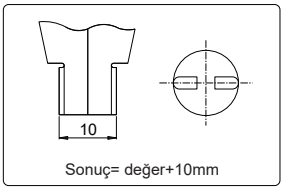
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inç, ABS, değer setleme
- Veri çıkışı (Kablo kodu:100-15)
- Paslanmaz çelik

119 SERİSİ DİJİTAL KUMPAS

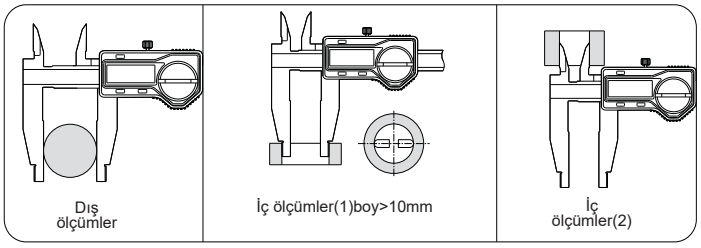
Veri çıkışı | CR2032







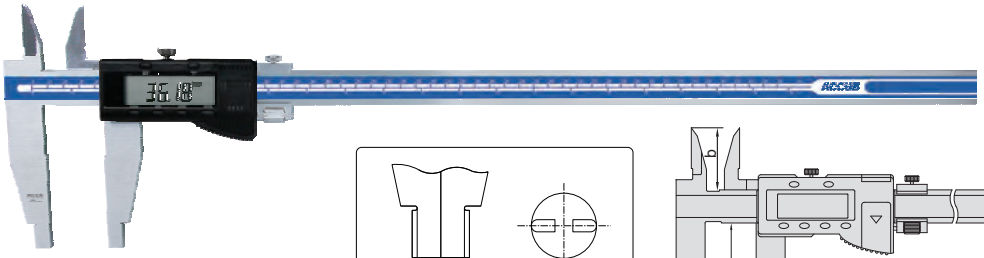
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inç, ABS
- Veri çıkışı (Kablo kodu:100-11 veya 100-12)
- Otomatik açma/kapanma
- Paslanmaz çelik



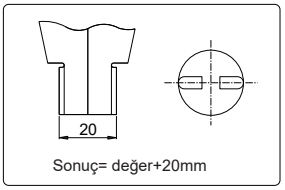
Kod	Aralık	Hassasiyet	Fiyat
119-012-11	0-300mm/0-12"	±0.04mm	**373 $**

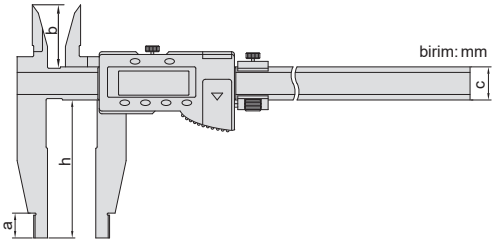
119 SERİSİ DİJİTAL KUMPAS

Veri çıkışı | CR2032

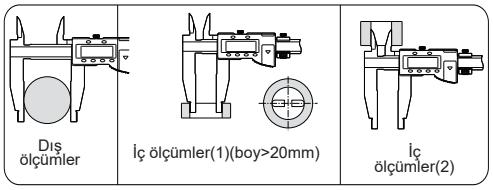


119-020-11

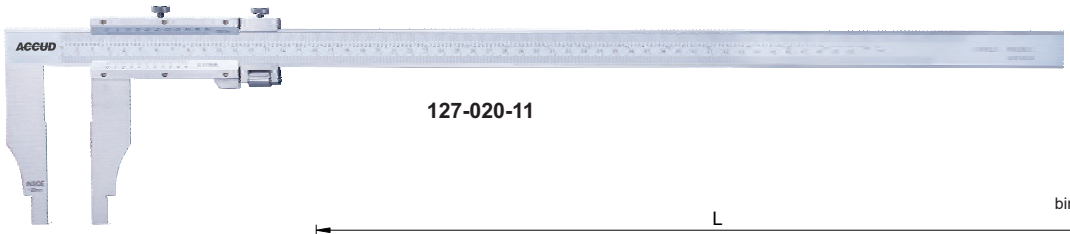




Kod	Aralık	Hassasiyet	a	b	c	h	Fiyat
119-012-12	0-300mm/0-12"	±0.05mm	18	45	24	100	**559 $**
119-020-11	0-500mm/0-20"	±0.05mm	18	45	24	100	**660 $**
119-020-12	0-500mm/0-20"	±0.06mm	18	45	24	150	**792 $**
119-020-13	0-500mm/0-20"	±0.06mm	24	45	32	200	**1005 $**
119-024-11	0-600mm/0-24"	±0.05mm	18	45	24	100	**868 $**
119-024-12	0-600mm/0-24"	±0.06mm	18	45	24	150	**939 $**
119-024-14	0-600mm/0-24"	±0.06mm	24	45	32	200	**1319 $**
119-040-11	0-1000mm/0-40"	±0.08mm	24	60	32	150	**1726 $**
119-040-12	0-1000mm/0-40"	±0.08mm	24	60	32	200	**1954 $**
119-060-11	0-1500mm/0-60"	±0.11mm	24	60	42	150	**3502 $**
119-060-12	0-1500mm/0-60"	±0.12mm	24	60	42	200	**4163 $**

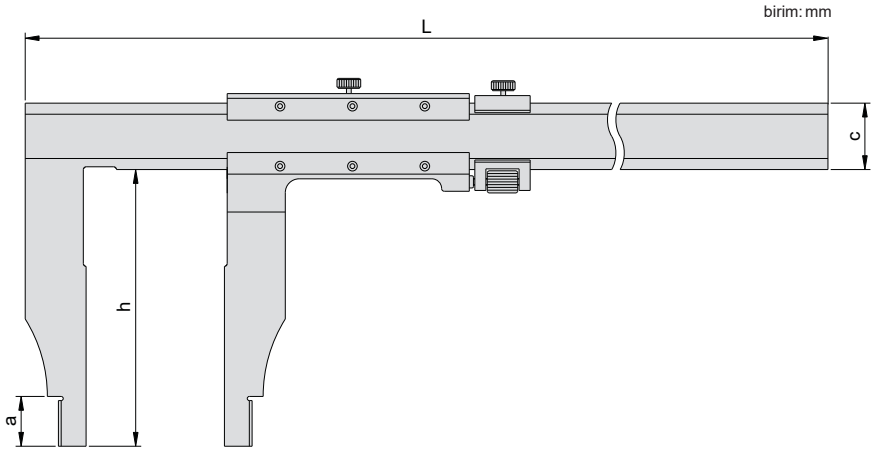


- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inç, ABS, değer setleme
- Veri çıkışı (Kablo kodu:100-15)
- Paslanmaz çelik

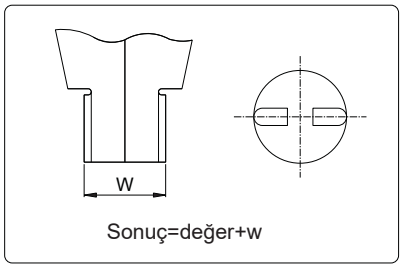


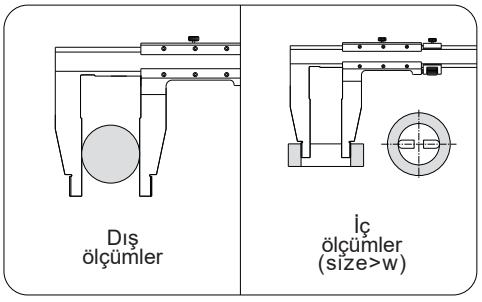
127-020-11

birim: mm



- Hassas ayarlamalı
- Paslanmaz çelik
- Krom kaplama okuma yüzeyi





Okuma 0.02mm/0.001"

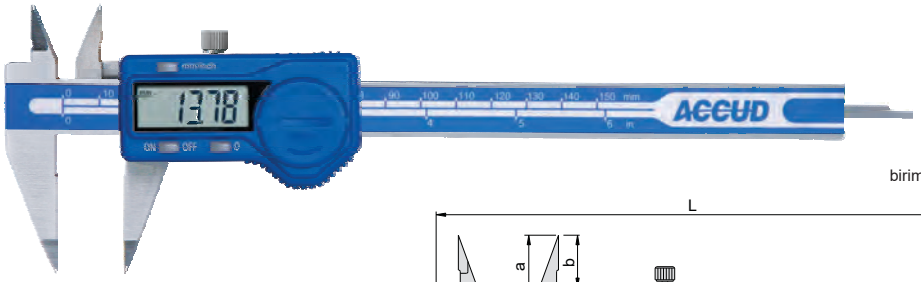
Kod	Aralık	Hassasiyet	a	c	h	w	L	Fiyat
127-012-11	0-300mm/0-12"	±0.05mm	10	20	75	10	410	**229 $**
127-020-11	0-500mm/0-20"	±0.05mm	18	24	100	20	670	**335 $**
127-024-11	0-600mm/0-24"	±0.05mm	18	24	100	20	770	**386 $**
127-032-11	0-800mm/0-32"	±0.08mm	24	32	150	20	1020	**995 $**
127-040-11	0-1000mm/0-40"	±0.08mm	24	32	140	20	1216	**1117 $**
127-060-11	0-1500mm/0-60"	±0.11mm	24	42	180	20	1830	**2538 $**
127-080-11	0-2000mm/0-80"	±0.14mm	24	42	200	20	2320	**3451 $**

Okuma 0.05mm/1/128"

Kod	Aralık	Hassasiyet	a	c	h	w	L	Fiyat
127-012-51	0-300mm/0-12"	±0.05mm	10	20	75	10	410	**219 $**
127-020-51	0-500mm/0-20"	±0.08mm	18	24	100	20	670	**305 $**
127-024-51	0-600mm/0-24"	±0.08mm	18	24	100	20	770	**437 $**
127-040-51	0-1000mm/0-40"	±0.10mm	24	32	140	20	1216	**1168 $**
127-060-51	0-1500mm/0-60"	±0.15mm	24	42	180	20	1830	**2538 $**
127-080-51	0-2000mm/0-80"	±0.20mm	24	42	200	20	2320	**3451 $**

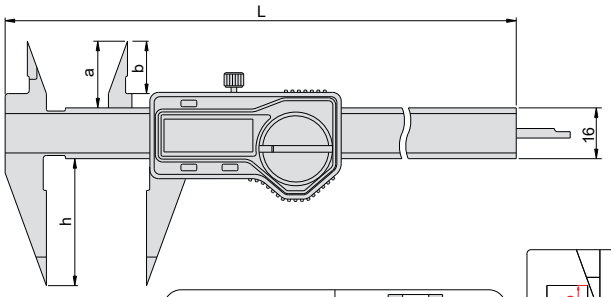
138 SERİSİ DİJİTAL NOKTA TEMASLI KUMPAS

Veri çıkışı | CR2032

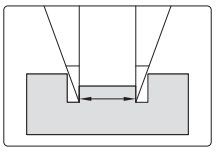


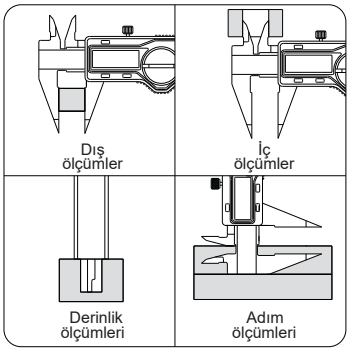
138-006-11

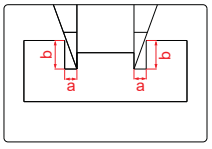
birim: mm



- Küçük delik ve kanal ölçümleri
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inç
- Veri çıkışı (Kablo kodu:100-11 veya 100-12)
- Otomatik açma/kapanma
- Paslanmaz çelik







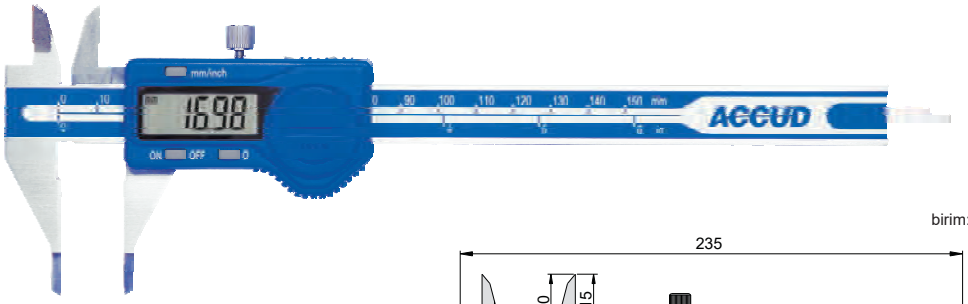
(mm)

a	b
1	2.5
2	5
3	7.5
4	10
5	12.5
6	15

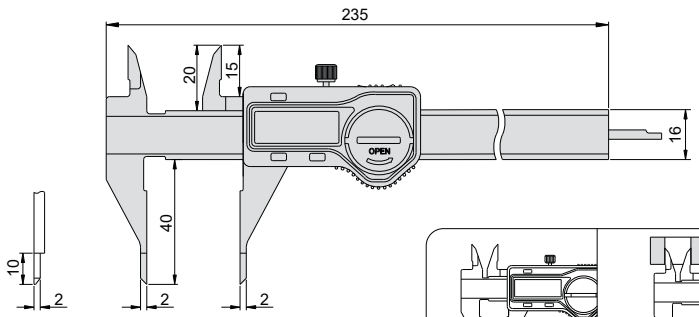
Kod	Aralık	Hassasiyet	a	b	h	L	Fiyat
138-006-11	0-150mm/0-6"	±0.03mm	21	16	40	236	193 $
138-008-11	0-200mm/0-8"	±0.03mm	24	19	50	286	310 $

168 SERİSİ DİJİTAL İNCE UÇLU KUMPAS

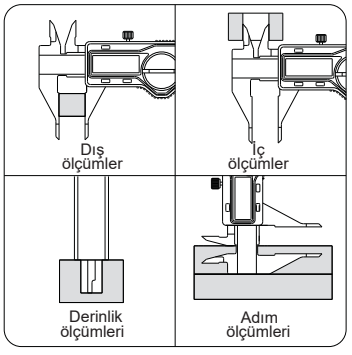
Veri çıkışı | CR2032

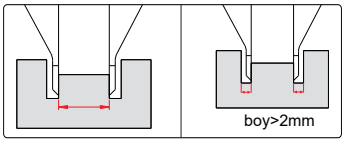


birim: mm



- Küçük kanal ve girintiler için ince özel çeneler
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inç
- Veri çıkışı (Kablo kodu:100-11 veya 100-12)
- Otomatik açma/kapanma
- Paslanmaz çelik



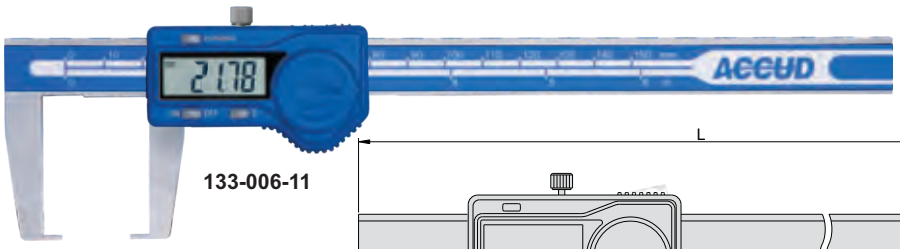


Kod	Aralık	Hassasiyet	Fiyat
168-006-11	0-150mm/0-6"	±0.03mm	203 $

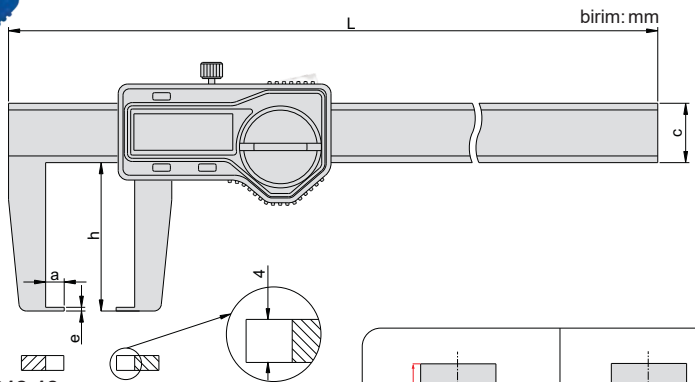
133 SERİSİ DİJİTAL DIŞ KANAL KUMPASI

Data output | CR2032

VIDEO



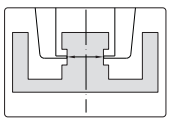
133-006-11

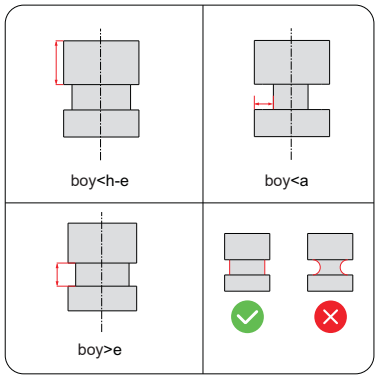


- Et kalınlığı ve kanal ölçümleri için
- Çözünürlük: 0.01mm/0.0005"
- Otomatik açma/kapanma
- Buttonlar: on/off, zero, mm/inch
- Veri çıkışı
- Paslanmaz çelik

133-012-12

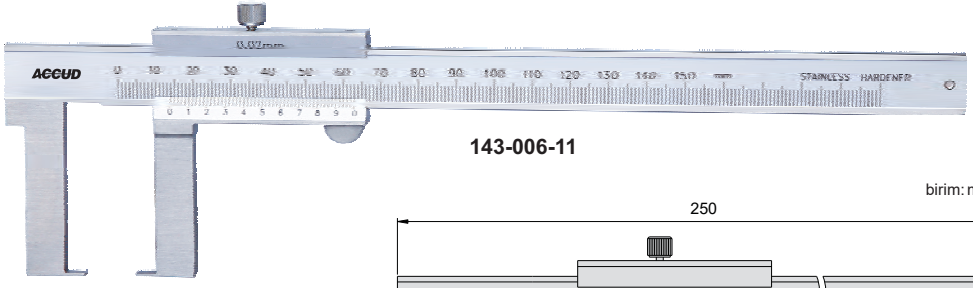




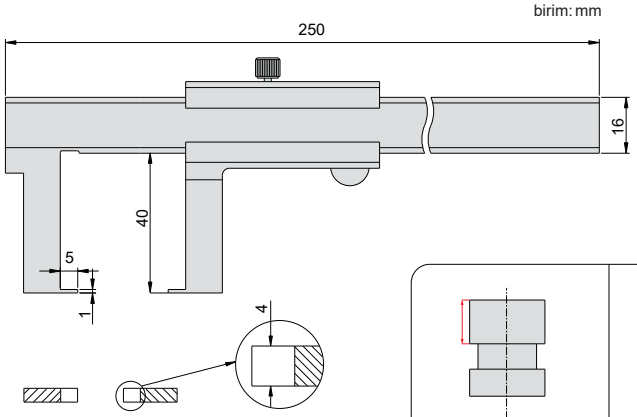


Kod	Aralık	Hassasiyet	a	c	e	h	L	Fiyat
133-006-11	0-150mm/0-6"	±0.04mm	5	16	1	40	250	244 $
133-008-11	0-200mm/0-8"	±0.05mm	9	16	1.5	80	310	451 $
133-012-11	0-300mm/0-12"	±0.05mm	10	16	1.5	60	410	403 $
133-012-12	0-300mm/0-12"	±0.06mm	12	24	2	150	490	745 $

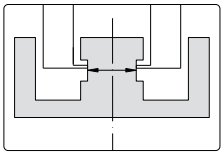
143 SERİSİ MEKANİK DIŞ KANAL KUMPASI

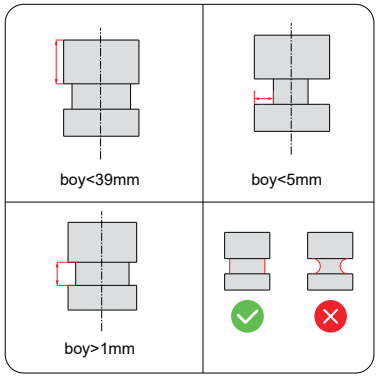


143-006-11



- Et kalınlığı ve kanal ölçümleri için
- Paslanmaz çelik
- Krom kaplama okuma yüzeyi





Okuma: 0.02mm

Kod	Aralık	Hassasiyet	Fiyat
143-006-11	0-150mm	±0.04mm	225 $

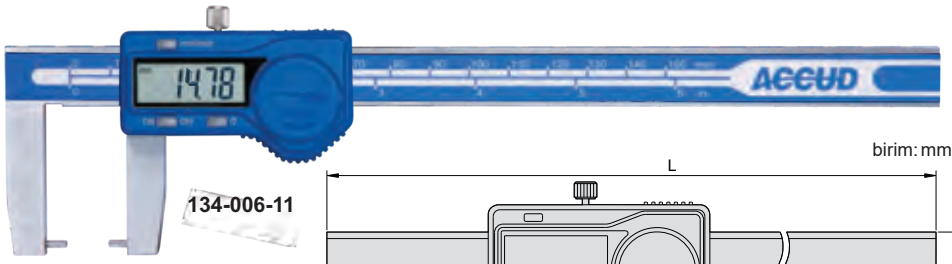
Okuma: 0.05mm

Kod	Aralık	Hassasiyet	Fiyat
143-006-13	0-150mm	±0.05mm	225 $

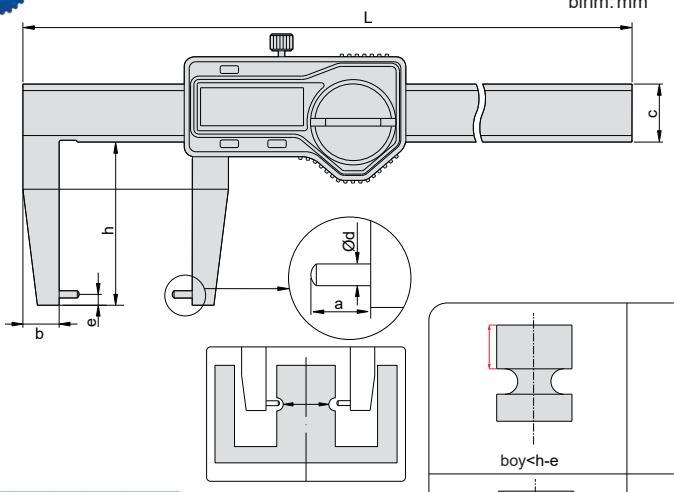
134 SERİSİ DİJİTAL DIŞ KANAL KUMPASI - PİMLİ

Veri çıkışı | CR2032

VIDEO

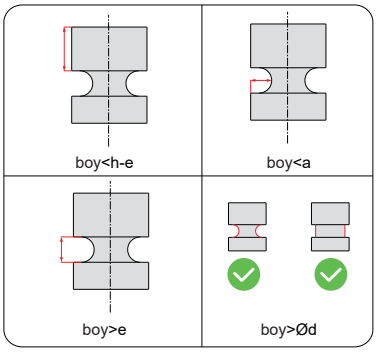


birim: mm

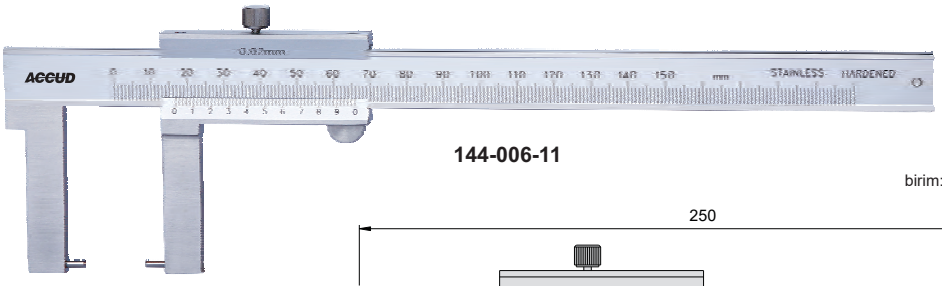


- Delik içi et kalınlığı ve kanal ölçümleri için
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inç
- Veri çıkışı (Kablo kodu:100-11 veya 100-12)
- Otomatik açma/kapanma
- Paslanmaz çelik

Kod	Aralık	Hassasiyet	a	b	c	Ød	e	h	L	Fiyat
134-006-11	0-150mm/0-6"	±0.04mm	5	10	16	2	2	40	250	249 $
134-008-11	0-200mm/0-8"	±0.05mm	9	14	16	3	3	80	310	451 $
134-012-12	0-300mm/0-12"	±0.06mm	12	20	24	3	3	150	490	745 $

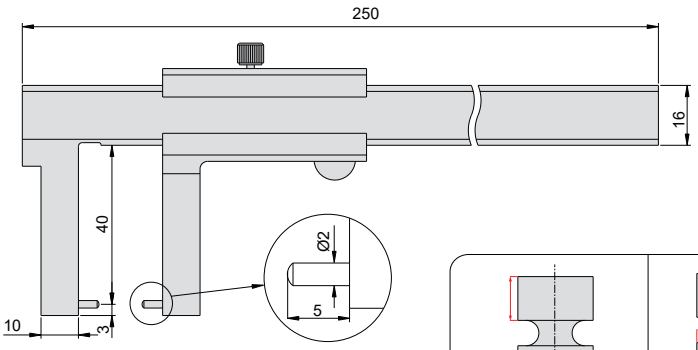


144 SERİSİ MEKANİK DIŞ KANAL KUMPASI - PİMLİ



144-006-11

birim: mm



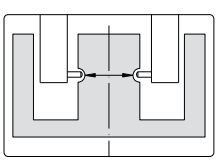
- Delik içi et kalınlığı ve kanal ölçümleri için
- Paslanmaz çelik
- Krom kaplama okuma yüzeyi

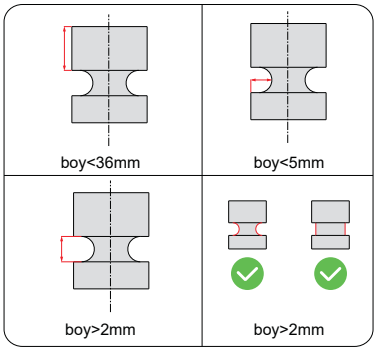
Okuma 0.02mm

Kod	Aralık	Hassasiyet	Fiyat
144-006-11	0-150mm	±0.04mm	228 $

Okuma 0.05mm

Kod	Aralık	Hassasiyet	Fiyat
144-006-13	0-150mm	±0.05mm	228 $



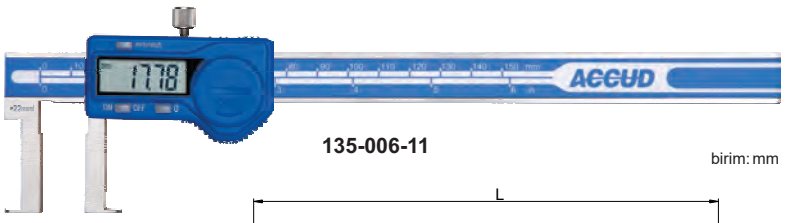


135 SERİSİ DİJİTAL İÇ KANAL KUMPASI

Veri çıkışı

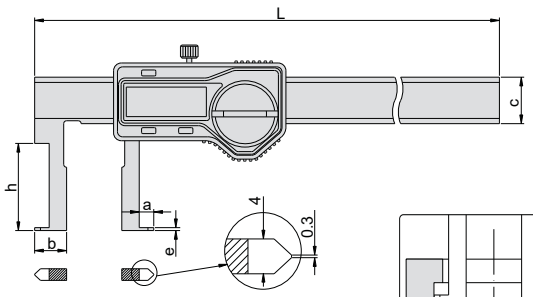
CR2032

VIDEO



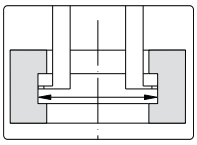
135-006-11

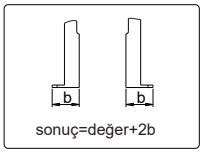
birim: mm



500mm model için ekran

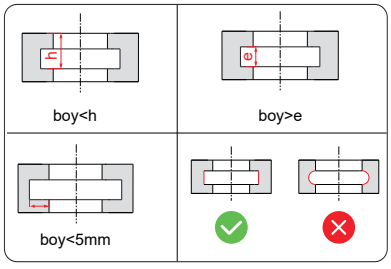




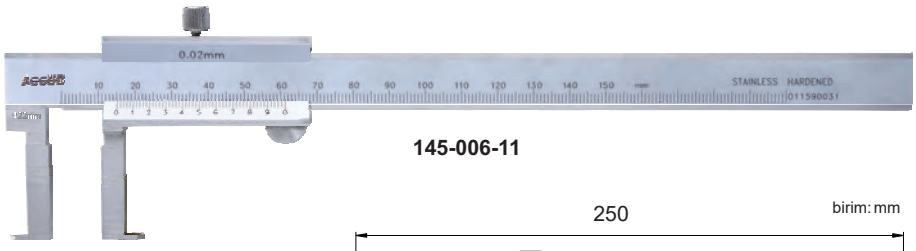


- Kanal ölçümleri için
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inç
- Veri çıkışı
- Otomatik açma/kapanma
- Paslanmaz çelik

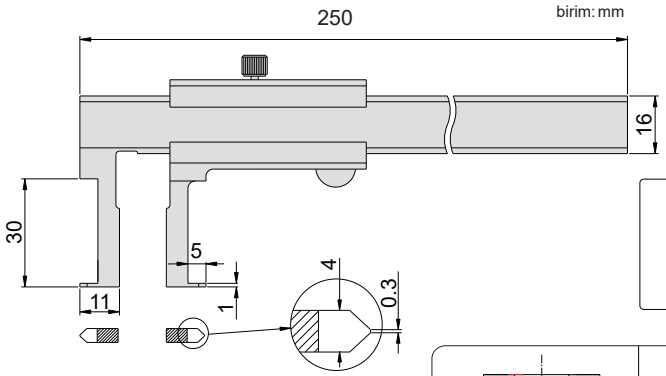
Kod	Aralık	Hassasiyet	a	b	c	e	h	L	Fiyat
135-006-11	22-150mm	±0.04mm	5	11	16	1	30	250	202 $
135-008-11	25-200mm	±0.04mm	5	12.5	16	1	40	310	310 $
135-012-11	30-300mm	±0.05mm	5	15	17	1.5	50	410	401 $
135-020-11	80-500mm	±0.08mm	16	40	24	5.2	150	680	1051 $
135-006-12	35-150mm	±0.06mm	6	17.5	16	1.5	60	250	447 $
135-008-12	40-200mm	±0.06mm	7	20	16	2.5	70	310	457 $
135-012-12	50-300mm	±0.07mm	8	25	16	2.5	80	410	604 $
135-020-12	80-500mm	±0.08mm	16	40	24	5.2	150	680	1269 $

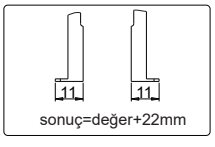


145 SERİSİ MEKANİK İÇ KANAL KUMPASI



145-006-11





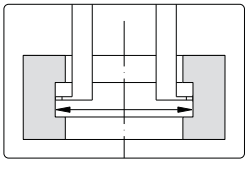
- Kanal ölçümleri için
- Paslanmaz çelik
- Krom kaplama okuma yüzeyi

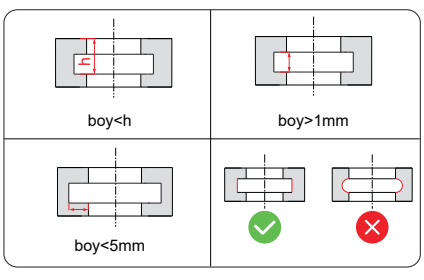
Okuma 0.02mm

Kod	Aralık	Hassasiyet	Fiyat
145-006-11	22-150mm	±0.04mm	264 $

Okuma 0.05mm

Kod	Aralık	Hassasiyet	Fiyat
145-006-13	22-150mm	±0.05mm	264 $





136 SERİSİ DİJİTAL İÇ KANAL KUMPASI

VIDEO



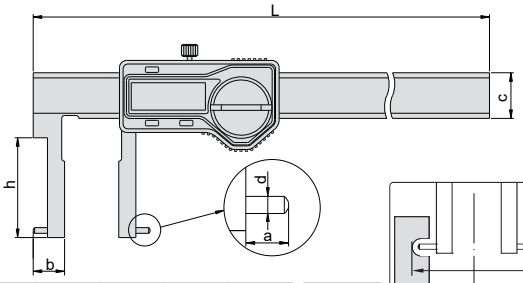
136-006-11

Veri çıkışı

CR2032

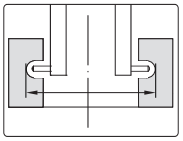
- Kanal ölçümleri için
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inç, ABS
- Veri çıkışı
- Otomatik açma/kapanma
- Paslanmaz çelik

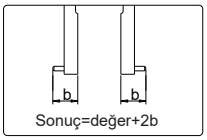
birim: mm



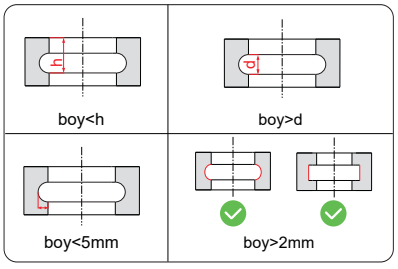
Aralık 500mm



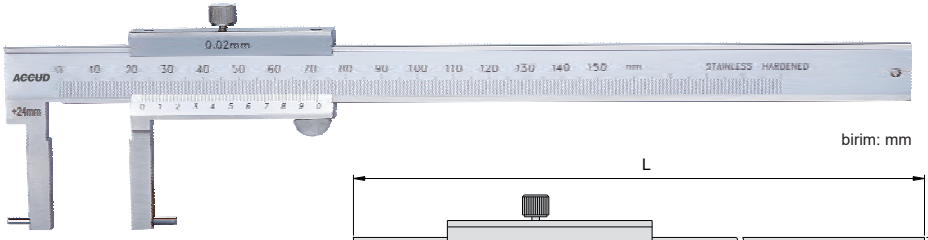




Kod	Aralık	Hassasiyet	a	b	c	d	h	L	Fiyat
136-006-11	24-150mm	±0.04mm	5	12	16	Ø2	30	250	325 $
136-008-11	25-200mm	±0.04mm	5	12.5	16	Ø2	40	310	406 $
136-012-11	50-300mm	±0.06mm	8	25	17	Ø3	80	410	660 $
136-020-11	80-500mm	±0.07mm	16	40	24	Ø3	90	680	1106 $
136-006-12	35-150mm	±0.05mm	6	17.5	16	Ø2	60	250	396 $
136-008-12	40-200mm	±0.05mm	7	20	16	Ø3	70	310	508 $
136-012-12	30-300mm	±0.07mm	5	15	16	Ø2	50	410	559 $
136-020-12	80-500mm	±0.08mm	16	40	16	Ø3	150	680	1220 $

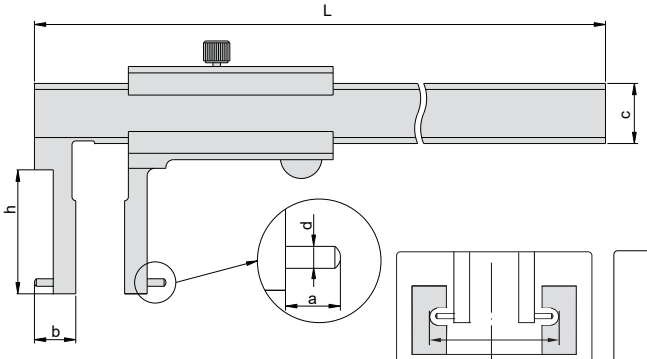


146 SERİSİ MEKANİK İÇ KANAL KUMPASI

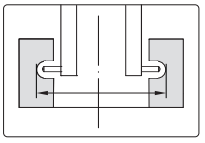


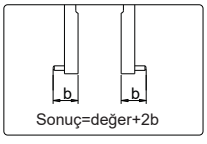
146-006-11

birim: mm



- Kanal ölçümleri için
- Paslanmaz çelik
- Krom kaplama okuma yüzeyi



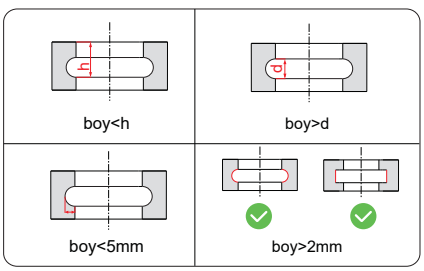


Okuma 0.02mm

Kod	Aralık	Hassasiyet	a	b	c	d	h	L	Fiyat
146-006-11	24-150mm	±0.04mm	5	12	16	Ø2	30	250	264 $
146-012-11	50-300mm	±0.06mm	8	25	17	Ø3	80	410	472 $

Okuma 0.05mm

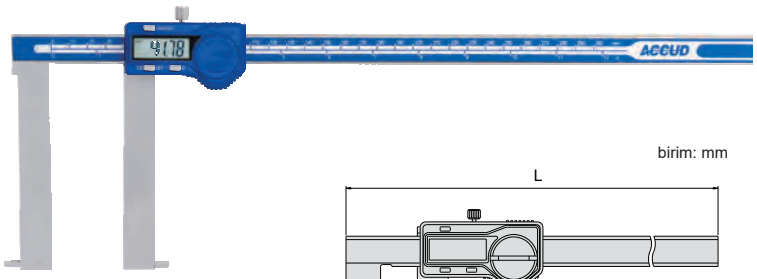
Kod	Aralık	Hassasiyet	a	b	c	d	h	L	Fiyat
146-006-13	24-150mm	±0.05mm	5	12	16	Ø2	30	250	264 $
146-012-13	50-300mm	±0.08mm	8	25	17	Ø3	80	410	472 $



136 SERİSİ DİJİTAL İÇ KANAL KUMPASI - UZUN ÇENE

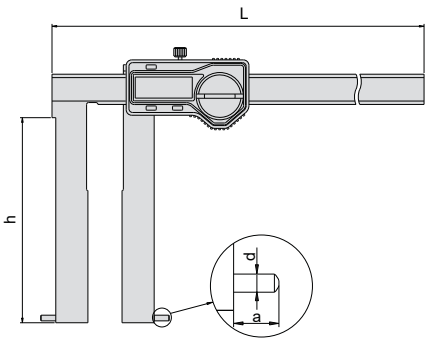
Veri .çıkışı | CR2032

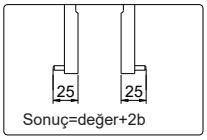
VIDEO



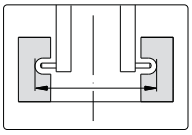
136-012-12S

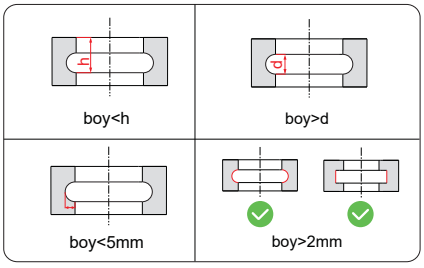
birim: mm





- Kanal ölçümleri için
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inç, ABS
- Veri çıkışı (Kablo kodu: 100-11 veya 100-12)
- Otomatik açma/kapanma
- Paslanmaz çelik

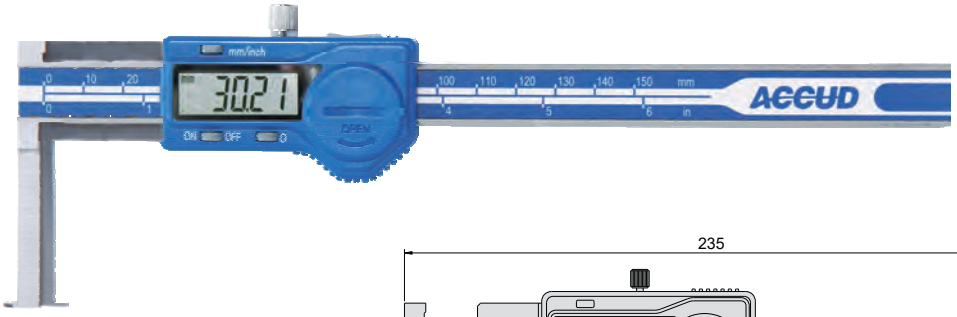




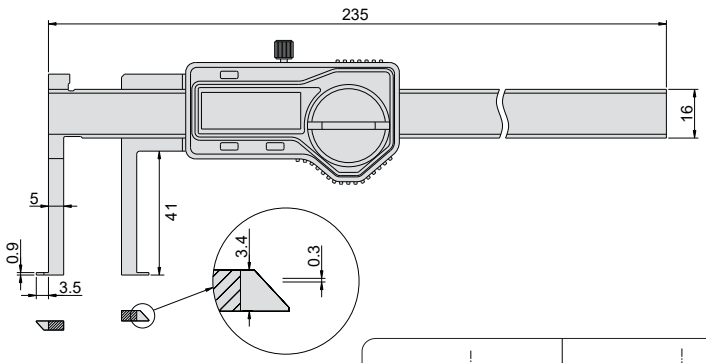
Kod	Aralık	Hassasiyet	a	d	h	L	Fiyat
136-012-13S	50-300mm	±0.06mm	8	3	110	410	**805 $**

132 SERİSİ DİJİTAL İÇ KANAL KUMPASI

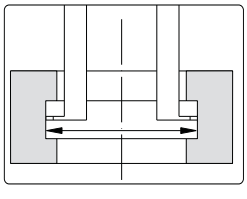
Veri çıkışı | CR2032

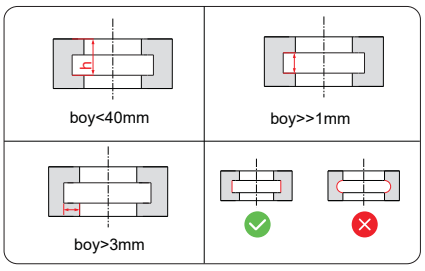


birim: mm



- Küçük delik içerisindeki kanal ölçümleri için
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inç, ABS
- Veri çıkışı (Kablo kodu: 100-11 veya 100-12)
- Otomatik açma/kapanma
- Paslanmaz çelik



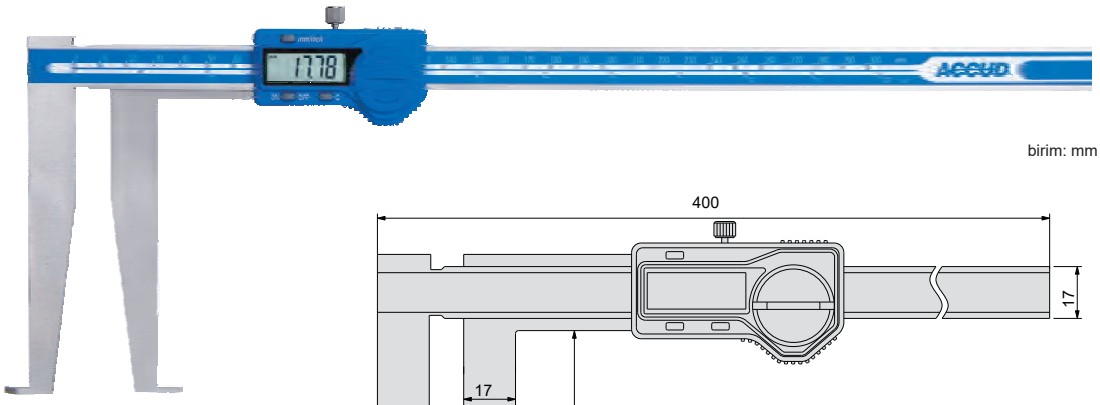


Kod	Aralık	Hassasiyet	Fiyat
132-006-21	10-150mm/0.39-6"	±0.04mm	**285 $**

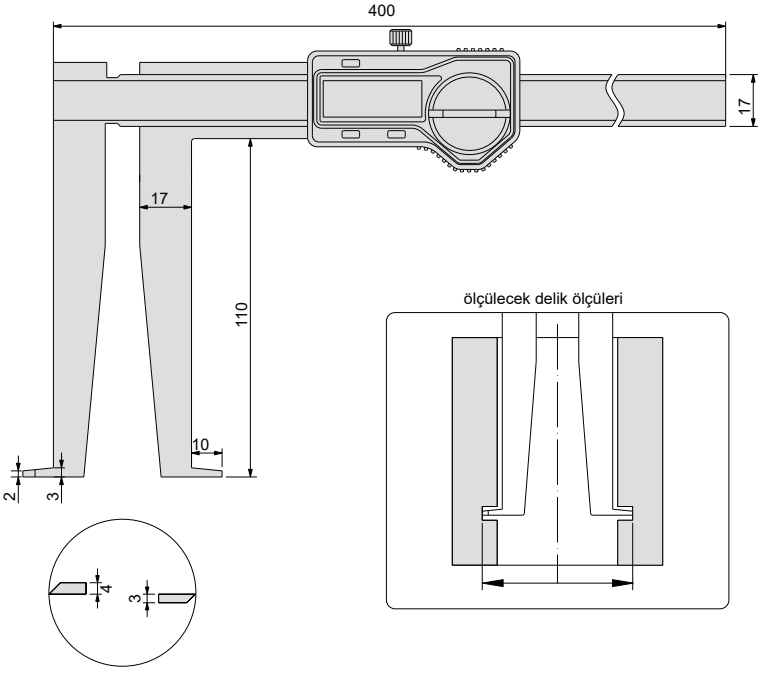
132 SERİSİ DİJİTAL İÇ KANAL KUMPASI

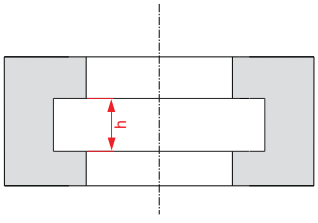
Veri çıkışı

CR2032

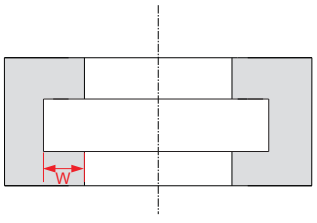


birim: mm

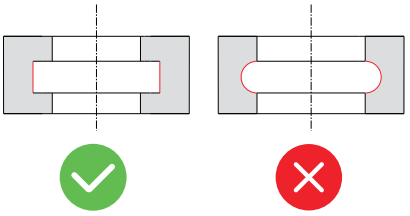




h>2mm

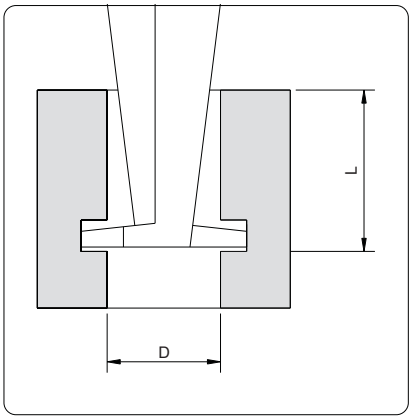


w<10mm



- Delik içi kanal çapı ölçümleri için
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inç, ABS
- Veri çıkışı (Kablo kodu: 100-11 veya 100-12)
- Otomatik açma/kapanma
- Paslanmaz çelik

Uygulama



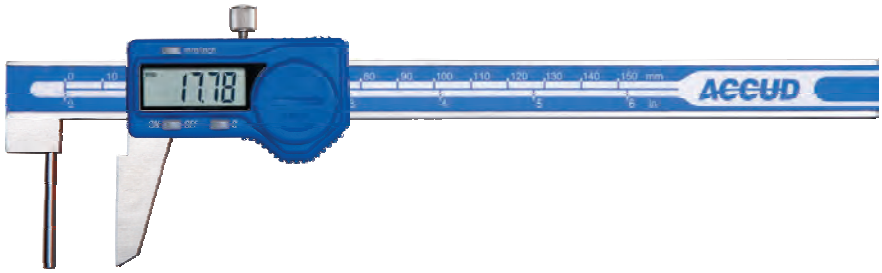
Kod	Aralık	Hassasiyet	Fiyat
132-012-11	25-300mm	±0.05mm	**660 $**

D	L
Ø25	<50mm
Ø26	<60mm
Ø27~300	<110mm

137 SERİSİ DİJİTAL ET KALINLIĞI KUMPASI

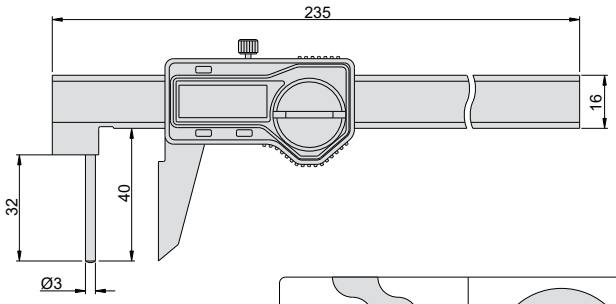
Veri çıkışı

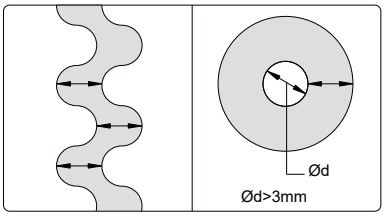
CR2032



- Et kalınlığı ölçümleri için
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inç, ABS
- Veri çıkışı (Kablo kodu: 100-11 veya 100-12)
- Otomatik açma/kapanma
- Paslanmaz çelik

birim: mm



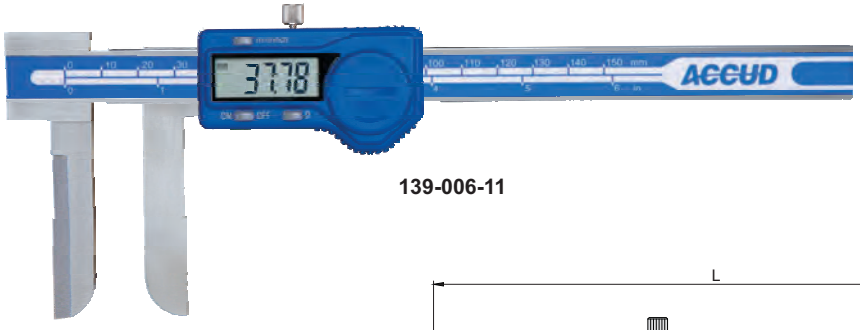


Kod	Aralık	Hassasiyet	Fiyat
137-006-11	0-150mm/0-6"	±0.05mm	**305 $**

139 SERİSİ DİJİTAL BIÇAK AĞIZLI KUMPAS

Veri çıkışı

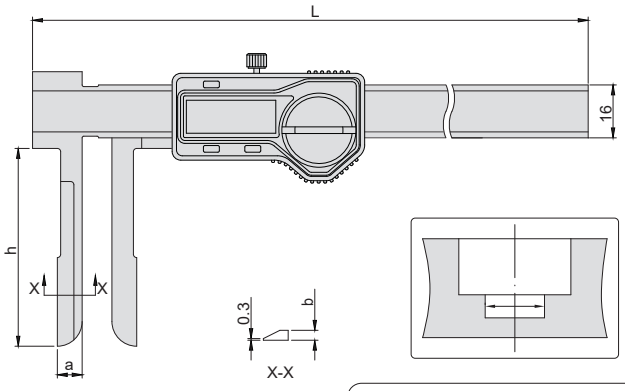
CR2032

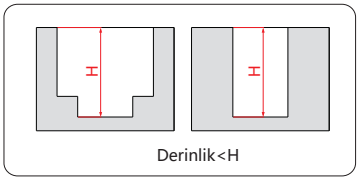


139-006-11

- Derin delik ve kanal ölçümleri için
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inç, ABS
- Veri çıkışı (Kablo kodu: 100-11 veya 100-12)
- Otomatik açma/kapanma
- Paslanmaz çelik

birim: mm





Kod	Aralık	Hassasiyet	L	h	a	b	Fiyat
139-006-11	15-150mm	±0.05mm	250	60	12	3	**290 $**
139-008-11	20-200mm	±0.05mm	310	90	15	4	**437 $**
139-012-11	20-300mm	±0.06mm	410	90	16	4	**629 $**

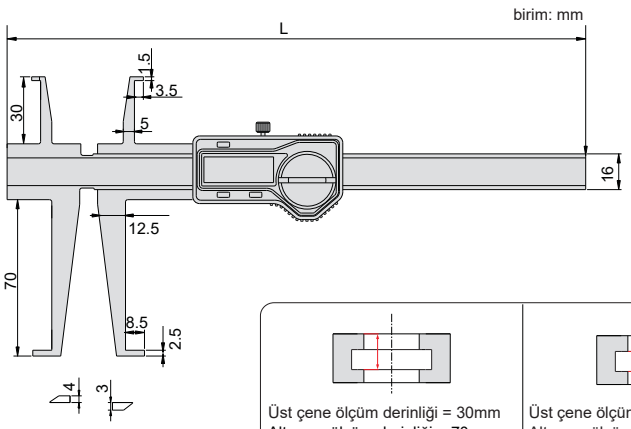
159 SERİSİ DİJİTAL İÇ KANAL KUMPASI - ÇİFT ÇENE

Veri çıkışı

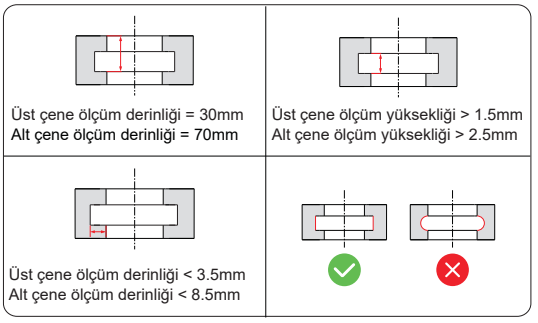
CR2032



159-006-11

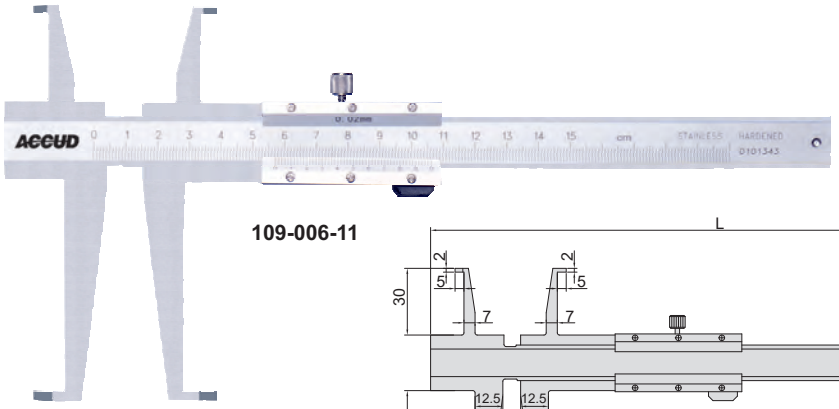


- Delik içi kanal ölçümleri için
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inç, ABS
- Veri çıkışı (Kablo kodu: 100-11 veya 100-12)
- Otomatik açma/kapanma
- Paslanmaz çelik

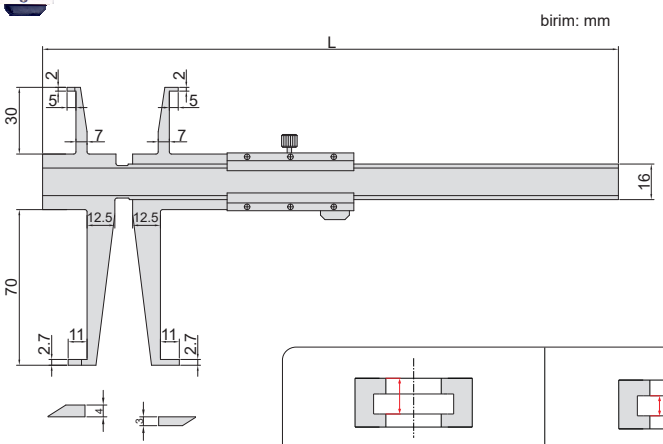


Kod	Üst çene aralığı	Alt çene aralığı	Hassasiyet	L	Fiyat
159-006-11	9-150mm	15-150mm	±0.04mm	260	**447 $**
159-008-11	9-200mm	15-200mm	±0.06mm	310	**528 $**

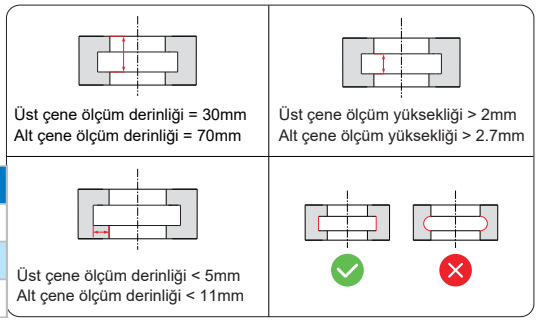
109 SERİSİ MEKANİK İÇ KANAL KUMPASI - ÇİFT ÇENE



109-006-11



- Delik içi kanal ölçümleri için
- Okuma: 0.02mm
- Paslanmaz çelik
- Krom kaplama okuma yüzeyi

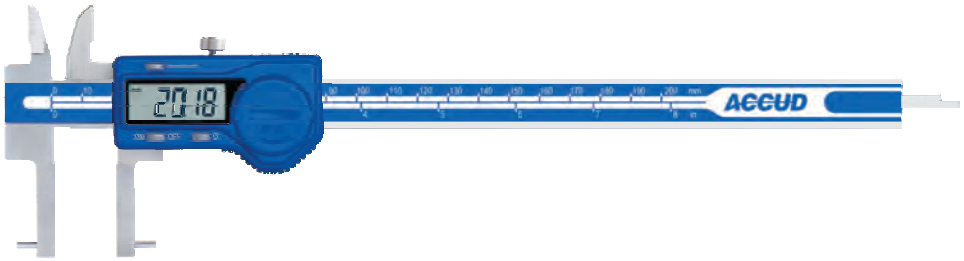


Kod	Üst çene aralığı	Alt çene aralığı	Hassasiyet	L	Fiyat
109-006-11	9-150mm	16-150mm	±0.04mm	260	**254 $**
109-008-11	9-200mm	16-200mm	±0.06mm	310	**295 $**
109-012-11	9-300mm	16-300mm	±0.06mm	415	**411 $**

149 SERİSİ DEĞİŞTİRİLEBİLİR UÇLU DİJİTAL KUMPAS

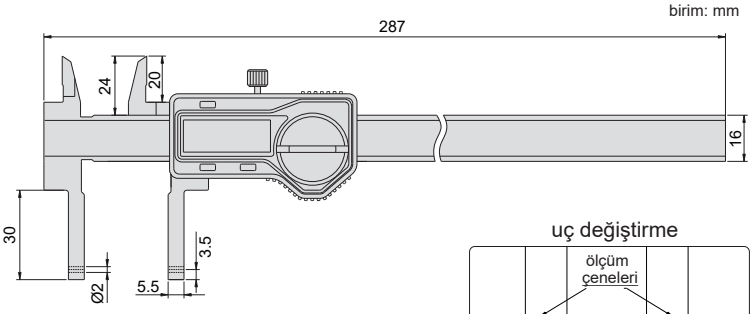
Veri çıkışı

CR2032

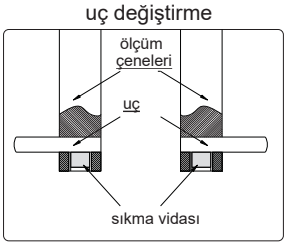


- 3 çift uç ve dış ölçümler için setleme mastarı ile teslim edilir
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inch
- Veri çıkışı (Kablo kodu: 100-11 veya 100-12)
- Otomatik açma/kapanma
- Paslanmaz çelik

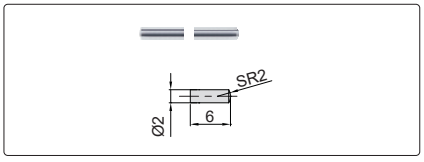
birim: mm



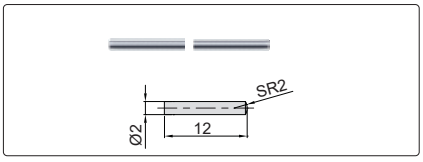
uç değiştirme



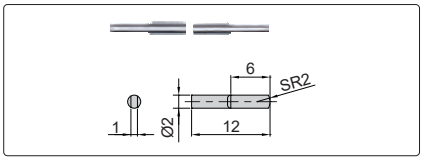
Kısa yuvarlak uç



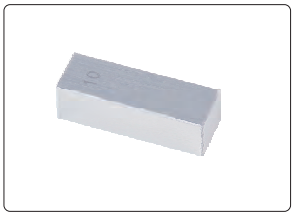
uzun yuvarlak/düz uç



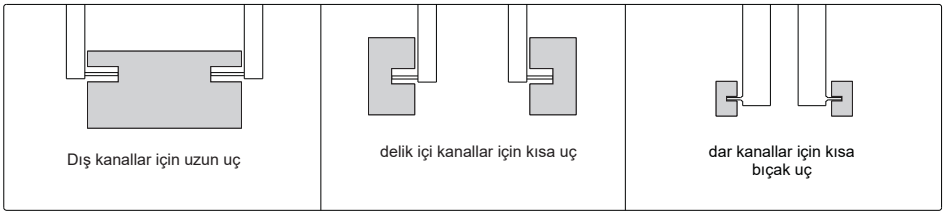
kısa bıçak uç



setleme mastarı



İç ve dış kanal ölçümleri

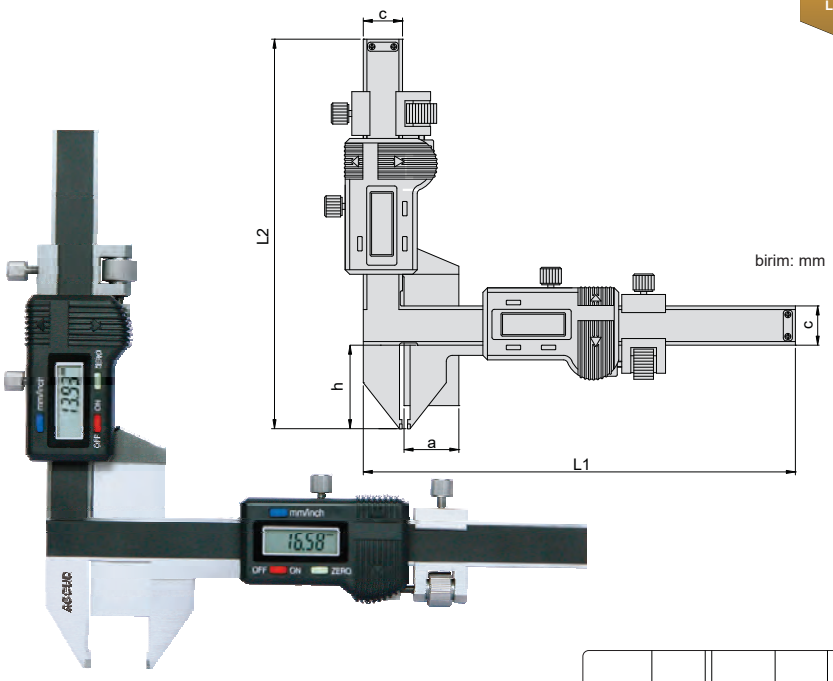


Kod	Uç	Aralık	Hassasiyet	Uygulama	Fiyat
149-008-11	Kısa yuvarlak uç	12-212mm/0.5-8.5"(iç)	±0.03mm	kanal ve küçük delikler için	564 $
	Uzun yuvarlak/düz uç	24-224mm/1-8.8"(iç) 0-187mm/0-7.5"(dış)	±0.03mm	kanal ve küçük delikler için yuvarlak uç, dış kanallar için düz uç	
	Kısa bıçak uç	24-224mm/1-8.8"(iç) 0-187mm/0-7.5"(dış	±0.03mm	dar kanal ve küçük delikler için	

156 SERİSİ DİJİTAL MODÜL KUMPASI

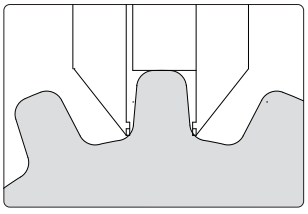
LR44

- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inch
- Paslanmaz çelik

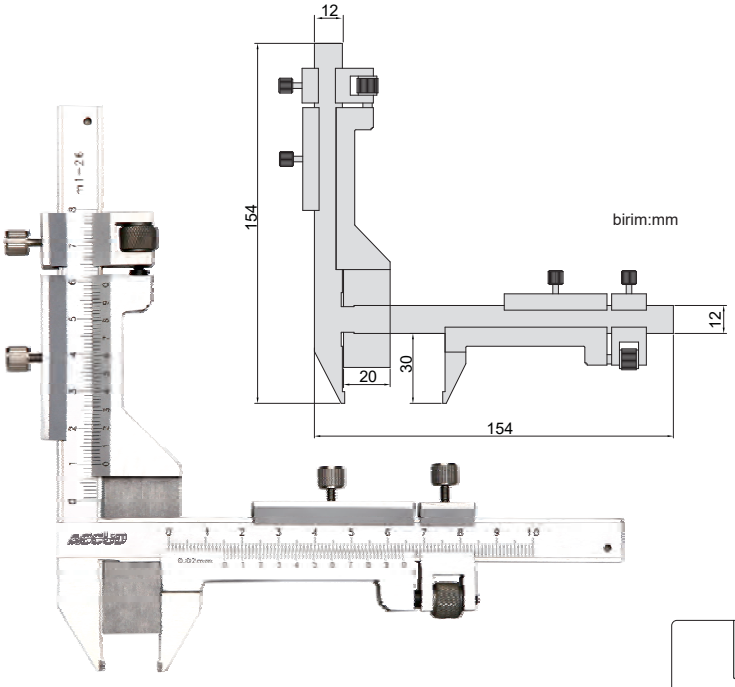


156-001-11

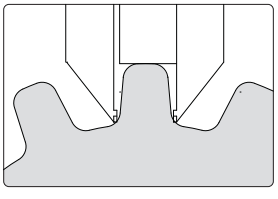
Kod	Aralık	Hassasiyet	L1	L2	a	c	h	Fiyat
156-001-11	M1-25mm	±0.04mm	156	156	12.5	13	32	**711 $**
156-002-11	M5-50mm	±0.04mm	220	190	50.5	16	55	**812 $**



166 SERİSİ MEKANİK MODÜL KUMPASI



- Okuma 0.02mm
- Paslanmaz çelik



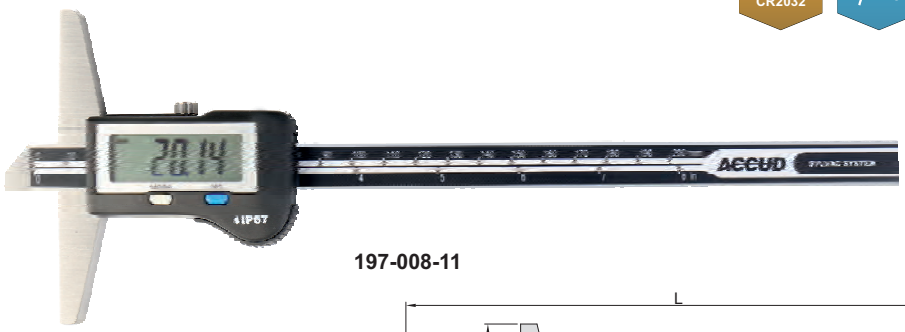
Kod	Aralık	Hassasiyet	Fiyat
166-001-11	M1-26mm	±0.04mm	**259 $**

197 SERİSİ

IP67 SU GEÇİRMEZ DİJİTAL DERİNLİK KUMPASI

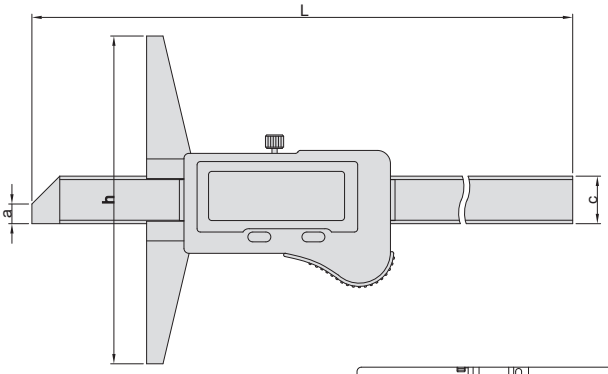
CR2032 · IP67 · ABS

SYLVAC SYSTEM — Switzerland

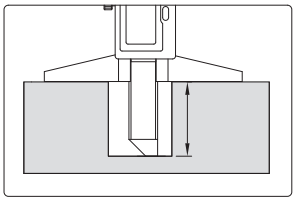


197-008-11

birim: mm



- IP67 Koruma
- Mutlak ölçüm sistemi
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inch
- Otomatik açma/kapanma
- Paslanmaz çelik

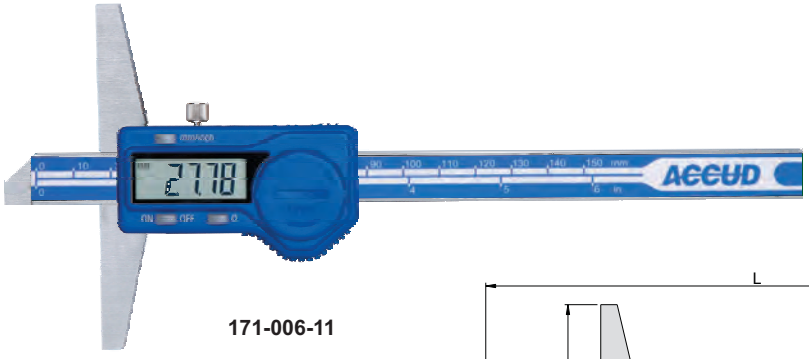


Kod	Aralık	Hassasiyet	a	c	h	L	Fiyat
197-006-11	0-150mm/0-6"	±0.02mm	5	14.5	100	232	**348 $**
197-008-11	0-200mm/0-8"	±0.02mm	5	14.5	100	285	**392 $**
197-012-11	0-300mm/0-12"	±0.03mm	5	14.5	150	390	**563 $**

171 SERİSİ

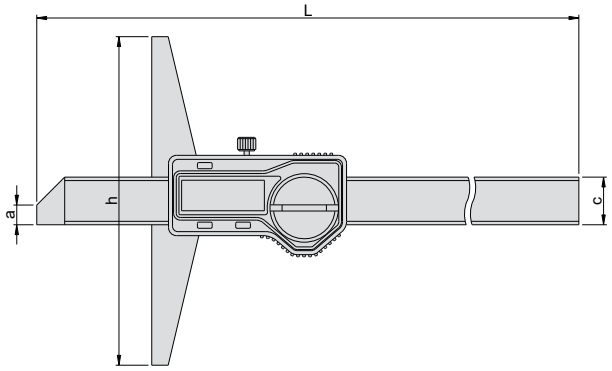
DİJİTAL DERİNLİK KUMPASI

Veri çıkışı · CR2032

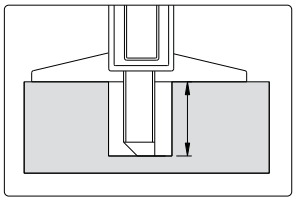


171-006-11

birim: mm



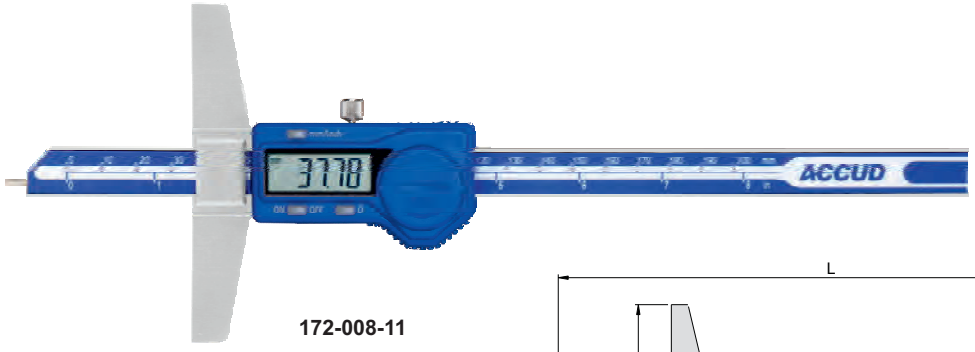
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inch
- Veri çıkışı (Kablo kodu:100-11 veya 100-12)
- Otomatik açma/kapanma
- Paslanmaz çelik



Kod	Aralık	Hassasiyet	a	c	h	L	Fiyat
171-006-11	0-150mm/0-6"	±0.03mm	6	14.5	100	230	**112 $**
171-008-11	0-200mm/0-8"	±0.03mm	6	14.5	100	280	**131 $**
171-012-11	0-300mm/0-12"	±0.04mm	6	14.5	150	380	**239 $**
171-020-11	0-500mm/0-20"	±0.05mm	7	15	150	585	**630 $**

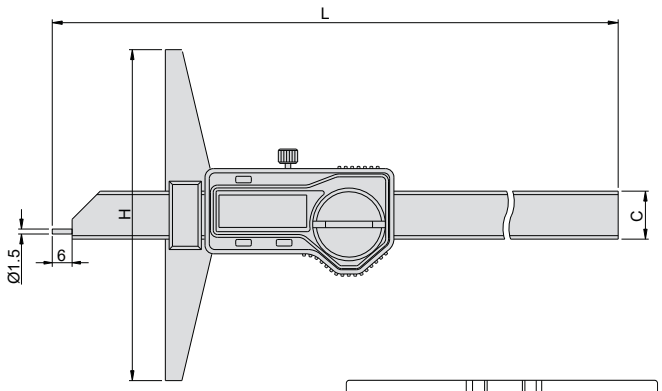
172 SERİSİ DİJİTAL PİMLİ DERİNLİK KUMPASI

Veri çıkışı | CR2032

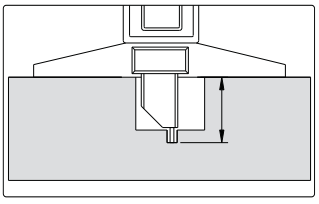


172-008-11

birim: mm



- Küçük delik ve kanal ölçümleri
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inch
- Veri çıkışı (Kablo kodu:100-11 veya 100-12)
- Otomatik açma/kapanma
- Paslanmaz çelik



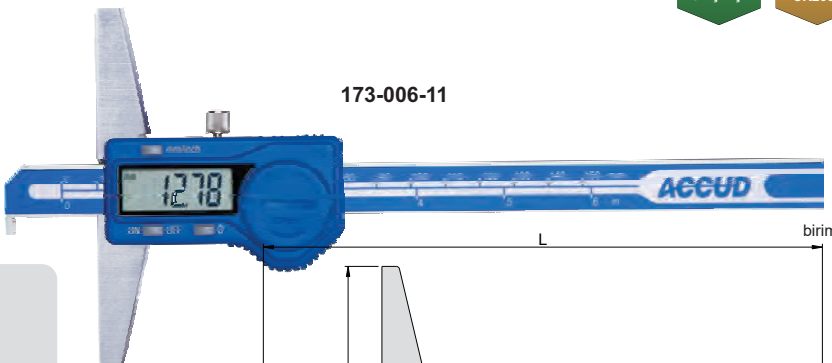
Kod	Aralık	Hassasiyet	H	L	C	Fiyat
172-008-11	0-200mm/0-8"	±0.03mm	100	291	14.5	244 $
172-012-11	0-300mm/0-12"	±0.04mm	150	395	15	508 $

173 SERİSİ DİJİTAL ÇENGEL AĞIZLI DERİNLİK KUMPASI

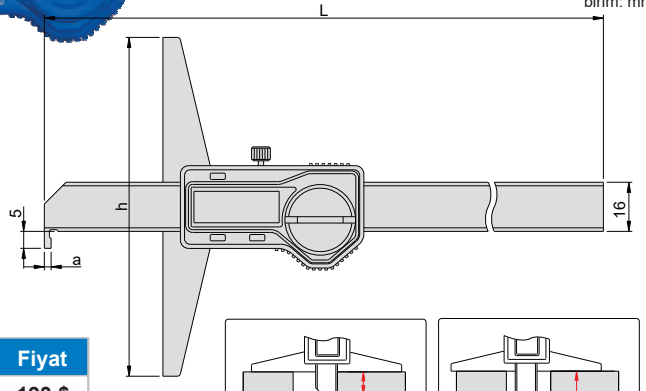
Veri çıkışı | CR2032

VIDEO

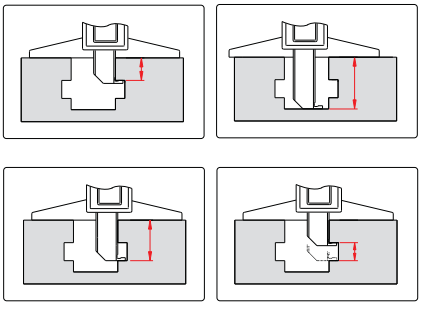
173-006-11



birim: mm



- Kanal derinlik ölçümleri
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inch
- Veri çıkışı (Kablo kodu:100-11 veya 100-12)
- Otomatik açma/kapanma
- Paslanmaz çelik



Kod	Aralık	Hassasiyet	a	h	L	Fiyat
173-006-11	0-150mm/0-6"	±0.04mm	2	100	230	193 $
173-008-11	0-200mm/0-8"	±0.04mm	2	100	280	234 $
173-012-11	0-300mm/0-12"	±0.05mm	2	150	380	457 $
173-006-21	0-150mm/0-6"	±0.04mm	1	100	230	203 $
173-008-21	0-200mm/0-8"	±0.04mm	1	100	280	239 $
173-012-21	0-300mm/0-12"	±0.05mm	1	150	380	467 $

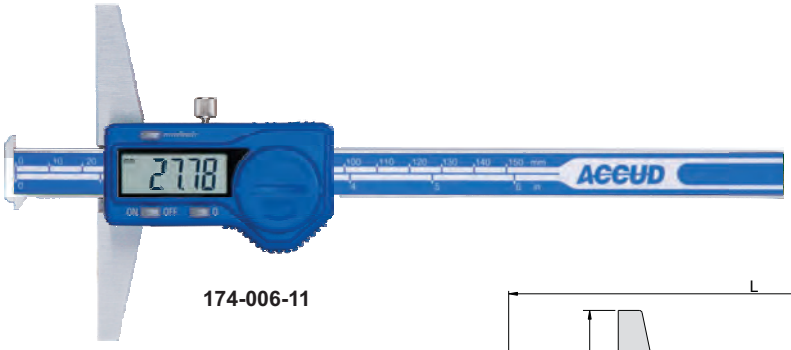
174 SERİSİ

DİJİTAL ÇİFT KANCA AĞIZLI DERİNLİK KUMPASI

Veri çıkışı

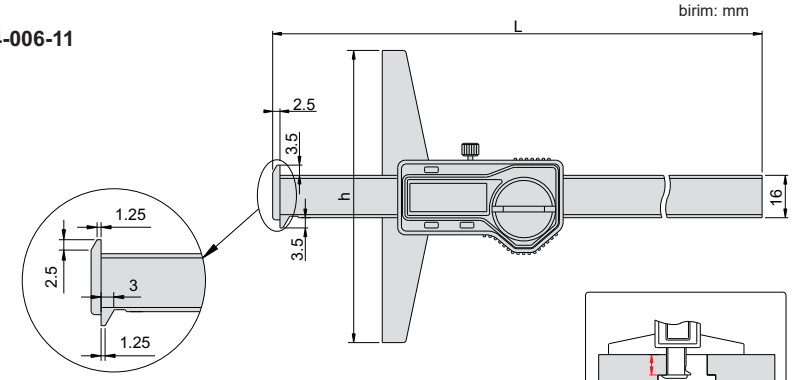
CR2032

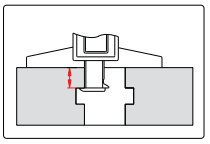
VIDEO

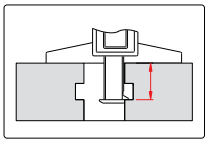


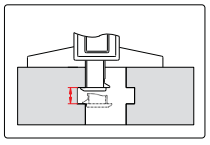
174-006-11

birim: mm









- Kanal derinlik ölçümleri
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inch
- Veri çıkışı (Kablo kodu:100-11 veya 100-12)
- Otomatik açma/kapanma
- Paslanmaz çelik

Kod	Aralık	Hassasiyet	h	L	Fiyat
174-006-11	0-150mm/0-6"	±0.03mm	100	233	**203 $**
174-008-11	0-200mm/0-8"	±0.03mm	100	283	**244 $**
174-012-11	0-300mm/0-12"	±0.04mm	150	383	**498 $**

191 SERİSİ

DİJİTAL DELİKLİ DERİNLİK KUMPASI

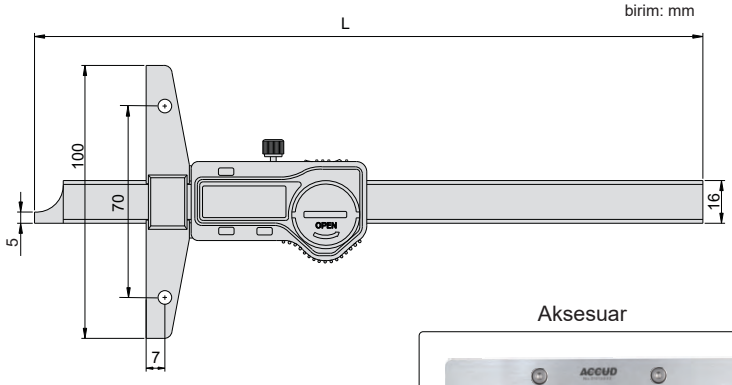
Veri çıkışı

CR2032



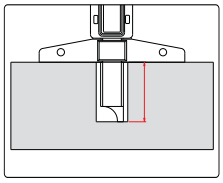
191-006-11

birim: mm



- Uzatma tabanı bağlamak için delikler
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inch
- Veri çıkışı (Kablo kodu:100-11 veya 100-12)
- Otomatik açma/kapanma
- Paslanmaz çelik
- Opsiyonel aksesuar: 170 serisi uzatma tabanı

Kod	Aralık	Hassasiyet	L	Fiyat
191-006-11	0-150mm/0-6"	±0.03mm	237	**193 $**
191-008-11	0-200mm/0-8"	±0.03mm	287	**229 $**
191-012-11	0-300mm/0-12"	±0.04mm	403	**457 $**



Aksesuar



170 serisi **(opsiyonel)**

193 SERİSİ DİJİTAL DERİNLİK KUMPASI YUVARLAK ÇUBUK

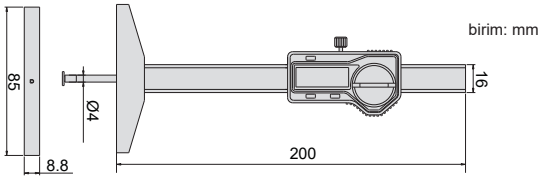
Veri çıkışı | CR2032

- Çözünürlük: 0.01mm/0.0005"
- Üç değiştirilebilir uç dahil (düz, yuvarlak, disk)
- Butonlar: on/off, set, mm/inch
- Otomatik açma/kapanma
- Veri çıkışı (Kablo kodu: 100-11 veya 100-12)
- Paslanmaz çelik

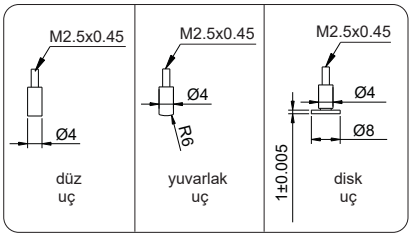


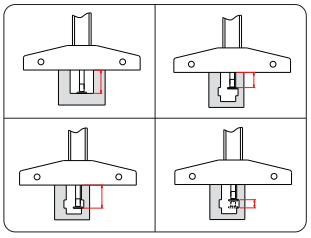
193-004-11

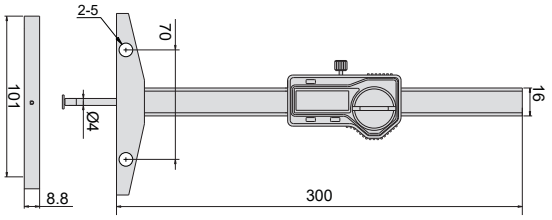
birim: mm



uçlar(dahil)







193-006-11 ve 193-008-11

Kod	Aralık	Hassasiyet	L	Fiyat
193-004-11	0-100mm/0-4"	±0.02mm	200	**457 $**
193-006-11	0-150mm/0-6"	±0.03mm	300	**549 $**
193-008-11	0-200mm/0-8"	±0.03mm	300	**559 $**
193-012-11	0-300mm/0-12"	±0.04mm	400	**711 $**

Uygulama aksesuarı

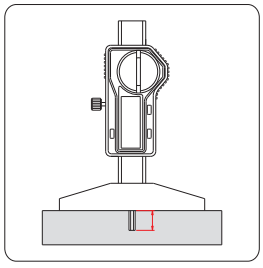


170 serisi **(opsiyonel)**

194 SERİSİ DİJİTAL DERİNLİK KUMPASI YUVARLAK ÇUBUK

Veri çıkışı | CR2032

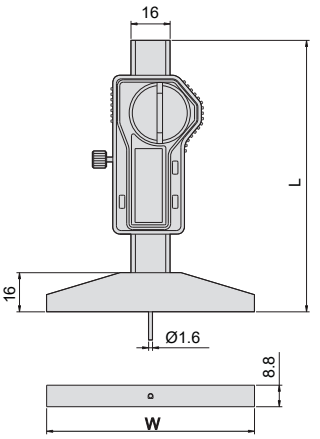
- Küçük kanal ve deliklerin derinlik ölçümü
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, set, mm/inch
- Otomatik açma/kapanma
- Veri çıkışı (Kablo kodu: 100-11 veya 100-12)
- Paslanmaz çelik





194-002-11

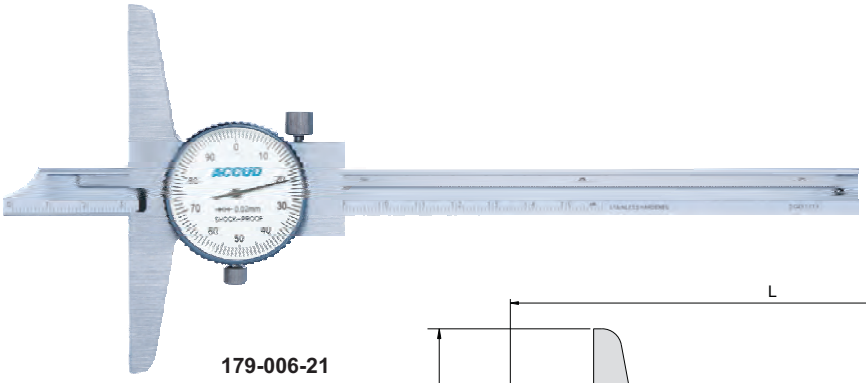
birim: mm



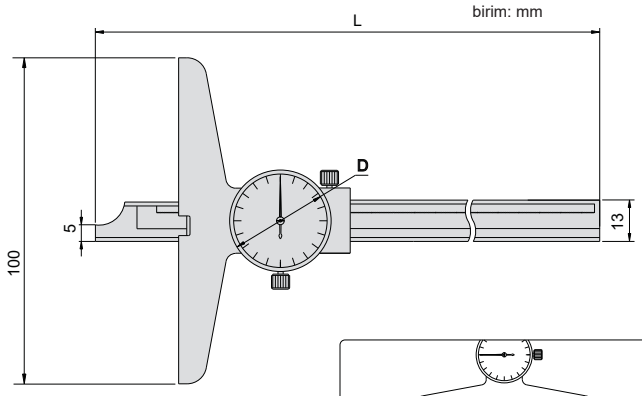
Kod	Aralık	Hassasiyet	L	W	Fiyat
194-001-11	0-25mm/0-1"	±0.02mm	110	85	**224 $**
194-002-11	0-50mm/0-2"	±0.02mm	135	85	**244 $**
194-006-11	0-150mm/0-6"	±0.03mm	235	100	**356 $**

179 SERİSİ SAATLİ DERİNLİK KUMPASI

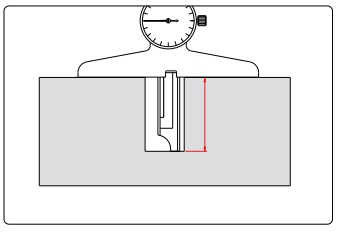
Shockproof



179-006-21

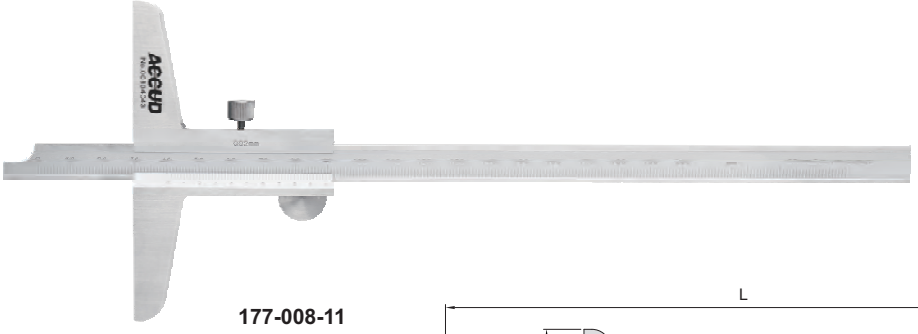


- Darbeye dayanıklı saat
- Okuma: 0.02mm
- Paslanmaz çelik

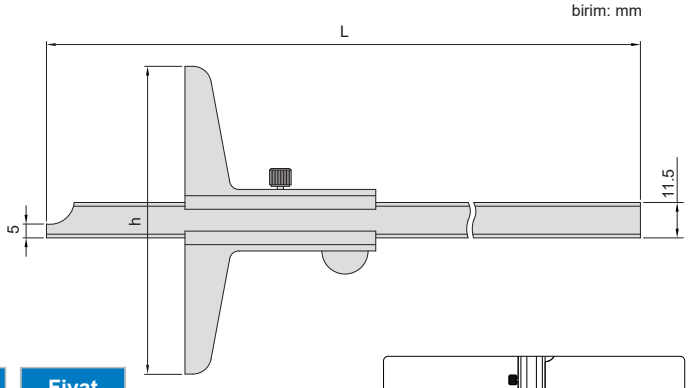


Kod	Aralık	Hassasiyet	D	L	Fiyat
179-006-21	0-150mm	±0.03mm	Ø39	235	**124 $**
179-008-21	0-200mm	±0.03mm	Ø39	285	**144 $**
179-012-21	0-300mm	±0.04mm	Ø39	308	**282 $**

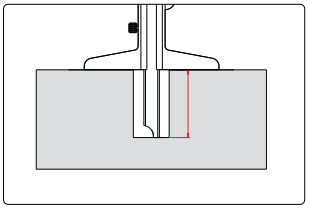
177 SERİSİ MEKANİK DERİNLİK KUMPASI



177-008-11

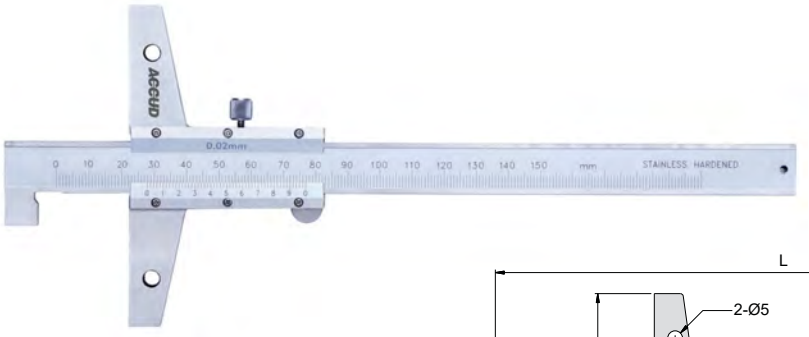


- Okuma: 0.02mm
- Paslanmaz çelik
- Krom kaplama okuma yüzeyi



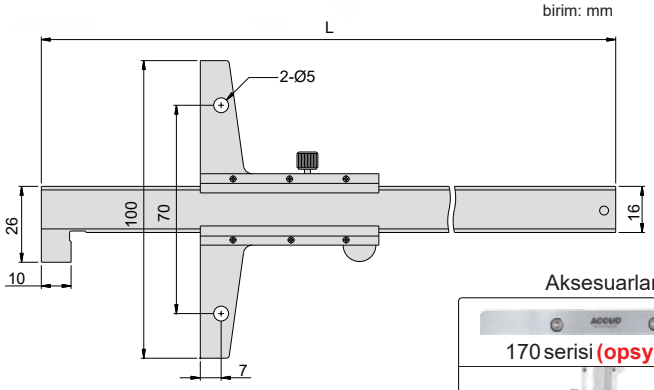
Kod	Aralık	Hassasiyet	h	L	Fiyat
177-006-11	0-150mm	±0.03mm	100	245	**60 $**
177-008-11	0-200mm	±0.03mm	100	282	**69 $**
177-012-11	0-300mm	±0.04mm	100	382	**96 $**
177-020-11	0-500mm	±0.05mm	150	585	**221 $**

192 SERİSİ MEKANİK ÇENGEL AĞIZLI DERİNLİK KUMPASI



192-006-11

birim: mm

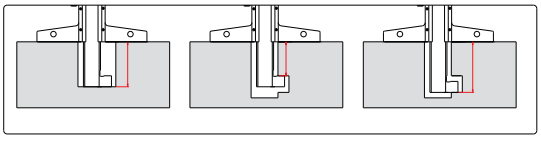


- Okuma: 0.02mm
- Paslanmaz çelik
- Krom kaplama okuma yüzeyi
- Opsiyonel aksesuar: 170 serisi uzatma tabanı

Aksesuarlar

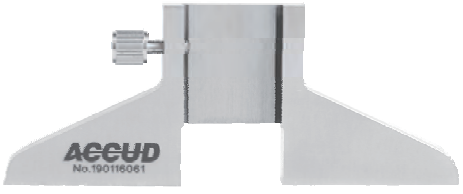


Kod	Aralık	Hassasiyet	L	Fiyat
192-006-11	0-150mm	±0.03mm	245	118 $
192-008-11	0-200mm	±0.03mm	295	139 $
192-012-11	0-300mm	±0.04mm	395	159 $



179 SERİSİ KUMPASLAR İÇİN DERİNLİK KÖPRÜSÜ

VIDEO

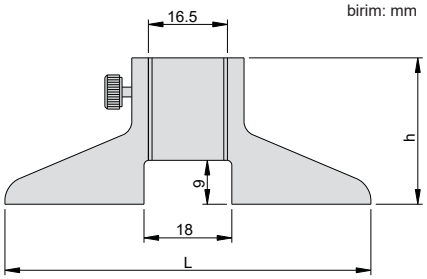


179-000-00



179-000-01

birim: mm



- Kumpaslarda derinlik ölçümü doğruluğunu artırmak için kullanılır
- 150mm ve 200mm aralıklı, 16m gövde kalınlığı olan tüm kumpaslar için
- Paslanmaz çelik

Uygulama

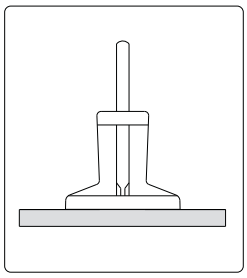


Kod	h	L	Fiyat
179-000-00	30mm	75mm	27 $
179-000-01	32mm	100mm	59 $

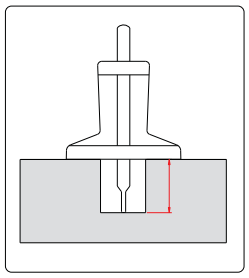
176 SERİSİ MEKANİK DERİNLİK KUMPASI

- Kanal derinliği, küçük delikler ve lastik diş ölçümleri için
- Okuma: 0.1mm
- Paslanmaz çelik

Sıfırla

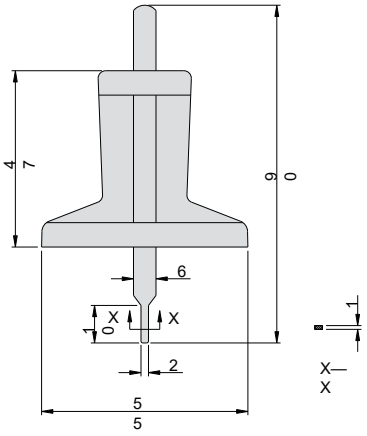


Ölç





birim: mm



Kod	Aralık	Hassasiyet	Fiyat
176-030-12	0-30mm	±0.10mm	40 $

395 SERİSİ DİJİTAL DERİNLİK MİKROMETRESİ

Veri çıkışı

LR44

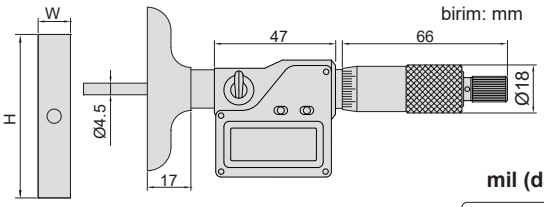
- Çözünürlük: 0.001mm/0.00005"
- Mikrometre kafası hassasiyeti: +/ -3µm Mil hassasiyeti: ± 2+L / 75)µm, L: ölçüm aralığı
- Butonlar: on/off, set, mm/inch, ABS/ INC, veri çıkışı
- IP54 koruma
- Veri çıkışı
- Otomatik açma/kapanma
- Düz uçlu mil
- Kilitleme vidası

VIDEO



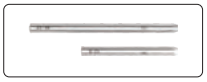
395-002-01

Kod	Aralık	Taban(HxW)	Mil	Fiyat
395-001-01	0-25mm/0-1"	101x17mm	1adet	472 $
395-002-01	0-50mm/0-2"	101x17mm	2adet	549 $
395-004-01	0-100mm/0-4"	101x17mm	4adet	598 $
395-006-01	0-150mm/0-6"	101x17mm	6adet	650 $
395-008-01	0-200mm/0-8"	101x17mm	8adet	689 $
395-012-01	0-300mm/0-12"	101x17mm	12adet	825 $
395-001-02	0-25mm/0-1"	63x17mm	1adet	465 $
395-002-02	0-50mm/0-2"	63x17mm	2adet	549 $
395-004-02	0-100mm/0-4"	63x17mm	4adet	588 $
395-006-02	0-150mm/0-6"	63x17mm	6adet	650 $
395-008-02	0-200mm/0-8"	63x17mm	8adet	687 $
395-012-02	0-300mm/0-12"	63x17mm	12adet	825 $

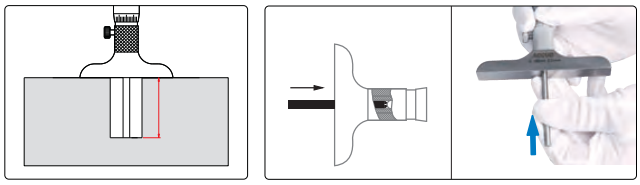


birim: mm

mil (dahil)



mil takma



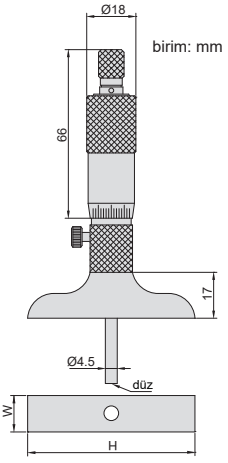
391 SERİSİ MEKANİK DERİNLİK MİKROMETRESİ

- Mikrometre kafası hassasiyeti: +/ -3µm
- Mil hassasiyeti: ±(2+L / 75)µm,
  L: ölçüm aralığı
- Miller dahil
- Kilitleme vidası

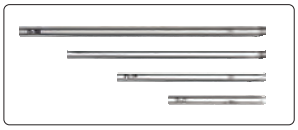
Kod	Aralık	Taban (HxW)	Mil	Fiyat
391-001-01	0-25mm	101.5x17mm	1adet	137 $
391-002-01	0-50mm	101.5x17mm	2 adet	166$
391-003-01	0-75mm	101.5x17mm	3 adet	185 $
391-004-01	0-100mm	101.5x17mm	4 adet	195 $
391-006-01	0-150mm	101.5x17mm	6 adet	245 $
391-008-01	0-200mm	101.5x17mm	8 adet	361 $
391-012-01	0-300mm	101.5x17mm	12 adet	442 $
391-001-02	0-25mm	63x17mm	1 adet	143 $
391-002-02	0-50mm	63x17mm	2 adet	166 $
391-003-02	0-75mm	63x17mm	3 adet	185 $
391-004-02	0-100mm	63x17mm	4 adet	205 $
391-006-02	0-150mm	63x17mm	6 adet	275 $
391-008-02	0-200mm	63x17mm	8 adet	361 $
391-012-02	0-300mm	63x17mm	12 adet	492 $



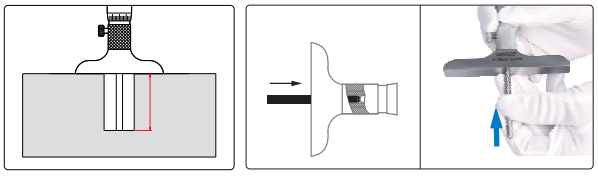
391-001-01



Mil(dahil)



mil takma



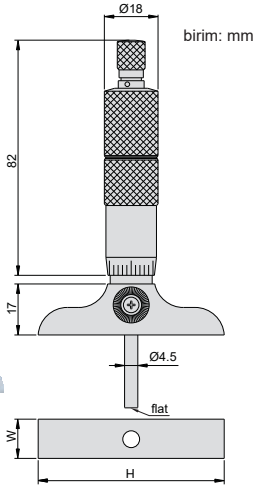
392 SERİSİ MEKANİK DERİNLİK MİKROMETRESİ

- Mikrometre kafası hassasiyeti: +/ -3µm
- Mil hassasiyeti: ±(2+L / 75)µm,
  L: ölçüm aralığı
- Miller dahil
- Kilitleme vidası

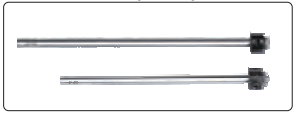
Kod	Aralık	Taban(HxW)	Mil	Fiyat
392-001-01	0-25mm	101.5x17mm	1 adet	163 $
392-002-01	0-50mm	101.5x17mm	2 adet	191 $
392-003-01	0-75mm	101.5x17mm	3 adet	211 $
392-004-01	0-100mm	101.5x17mm	4 adet	258 $
392-006-01	0-150mm	101.5x17mm	6 adet	307 $
392-008-01	0-200mm	101.5x17mm	8 adet	400 $
392-012-01	0-300mm	101.5x17mm	12 adet	504 $
392-001-02	0-25mm	63x17mm	1 adet	172 $
392-002-02	0-50mm	63x17mm	2 adet	191 $
392-003-02	0-75mm	63x17mm	3 adet	243 $
392-004-02	0-100mm	63x17mm	4 adet	258 $
392-006-02	0-150mm	63x17mm	6 adet	360 $
392-008-02	0-200mm	63x17mm	8 adet	446 $
392-012-02	0-300mm	63x17mm	12 adet	568 $



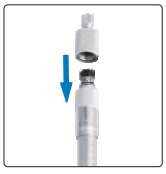
392-001-01



Mil (dahil)

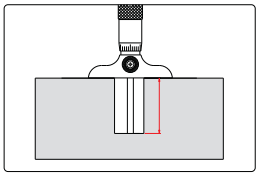


mil takma



kullanım





293 SERİSİ DİJİTAL DERİNLİK KOMPARATÖRÜ

Veri çıkışı

CR2032

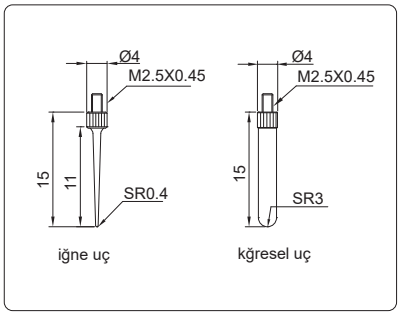
VIDEO

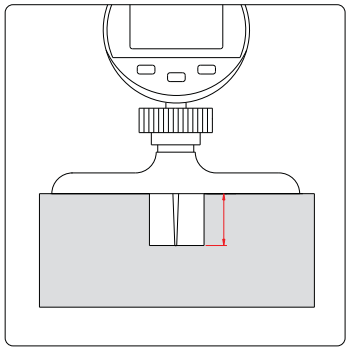
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: tolerans, preset, inch/mm çevrimi, ölçüm yönü, max./min./ortalama ölçümü, mutlak/inkremental ölçüm
- Veri çıkışı (Kablo kodu:200-03 veya 200-04)
- Otomatik açma/kapanma
- Paslanmaz çelik taban
- İğne ve küresel uç dahil



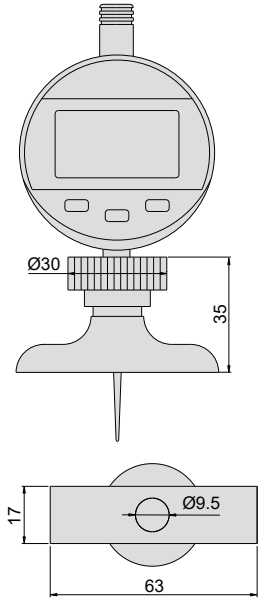
293-010-12

uç (dahil)

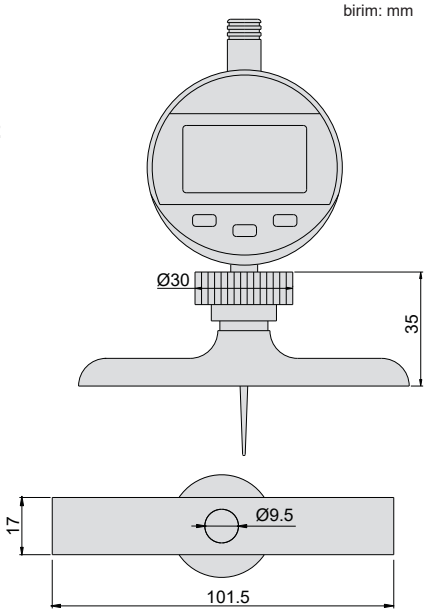




birim: mm



293-010-01 ve 293-010-11
293-025-01 ve 293-025-11



293-010-02 ve 293-010-12
293-025-02 ve 293-025-12

Çözünürlük 0.01mm/0.0005"

Kod	Aralık	Hassasiyet	Dijital saat hareketi	Taban	Fiyat
293-010-11	0-10mm/0-0.4"	±0.03mm	12.7mm/0.5"	63x17mm	**277 $**
293-010-12	0-10mm/0-0.4	±0.03mm	12.7mm/0.5"	101.5x17mm	**277 $**
293-025-11	0-25mm/0-1"	±0.05mm	25.4mm/1"	63x17mm	**299 $**
293-025-12	0-25mm/0-1"	±0.05mm	25.4mm/1"	101.5x17mm	**299$**

Çözünürlük 0.001mm/0.0005"

Kod	Aralık	Hassasiyet	Dijital saat hareketi	Taban	Fiyat
293-010-01	0-10mm/0-0.4"	±0.03mm	12.7mm/0.5"	63x17mm	**453 $**
293-010-02	0-10mm/0-0.4	±0.03mm	12.7mm/0.5"	101.5x17mm	**453 $**
293-025-01	0-25mm/0-1"	±0.05mm	25.4mm/1"	63x17mm	**530 $**
293-025-02	0-25mm/0-1"	±0.05mm	25.4mm/1"	101.5x17mm	**530 $**

293 SERİSİ DİJİTAL DERİNLİK KOMPARATÖRÜ

Veri çıkışı

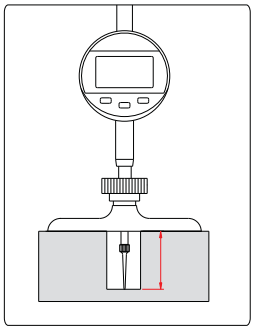
CR2032

VIDEO

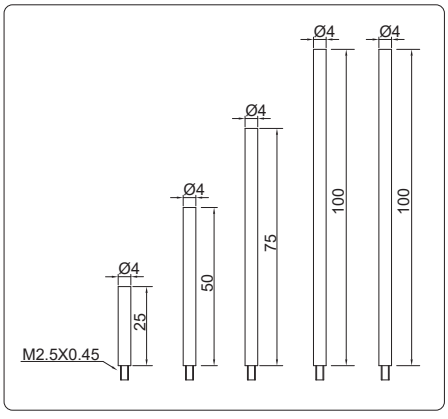
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: tolerans, preset, inch/mm çevrimi, ölçüm yönü, max./min./ortalama ölçümü, mutlak/inkremental ölçüm
- Veri çıkışı (Kablo kodu:200-03 veya 200-04)
- Otomatik açma/kapanma
- Paslanmaz çelik taban
- İğne ve küresel uç dahil



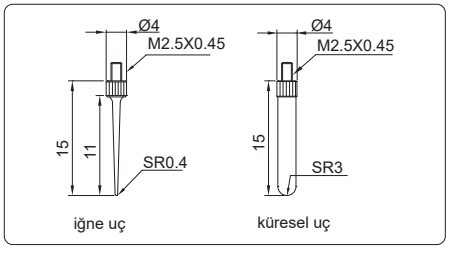
293-300-12

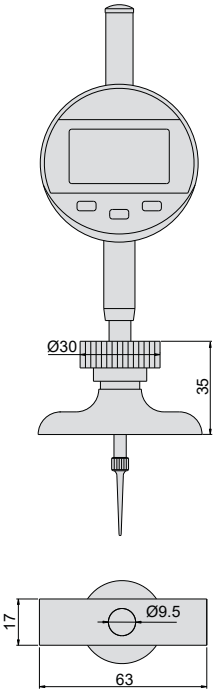


293-300-11 ve 293-300-12 için
uzatma milleri (dahil)

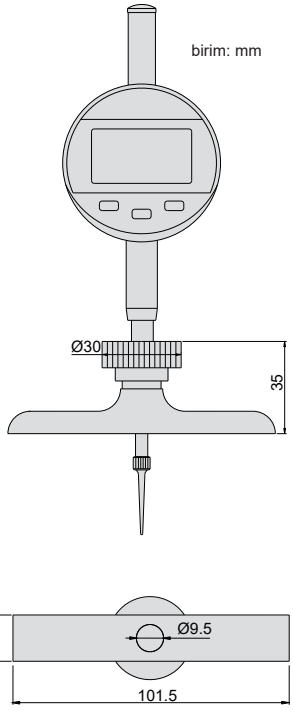


uç **(dahil)**





293-300-11

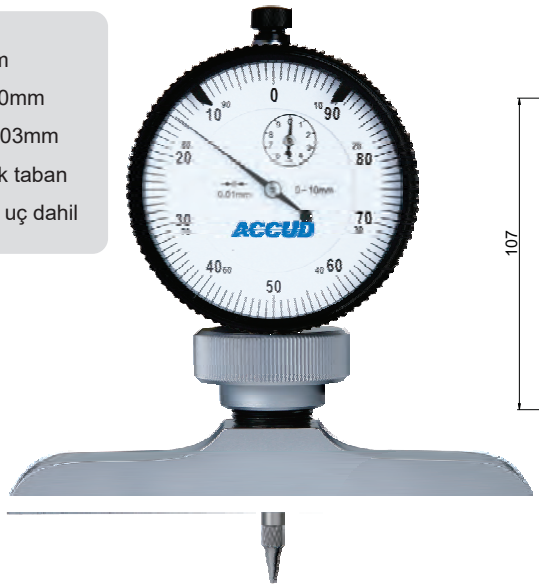


293-300-12

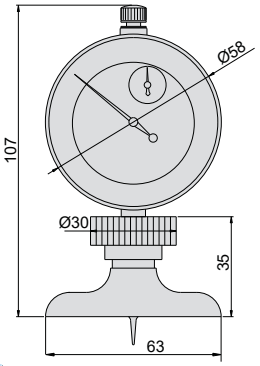
Kod	Aralık	Hassasiyet	Çözünürlük	Saat hareketi	Taban	Fiyat
293-300-01	0-300mm/0-12"	±0.05mm	0.001mm/0.00005"	25.4mm/1"	63x17mm	**565 $**
293-300-02	0-300mm/0-12"	±0.05mm	0.001mm/0.00005"	25.4mm/1"	101.5x17mm	**575 $**
293-300-11	0-300mm/0-12"	±0.03mm	0.01mm/0.0005"	25.4mm/1"	63x17mm	**316 $**
293-300-12	0-300mm/0-12"	±0.03mm	0.01mm/0.0005"	25.4mm/1"	101.5x17mm	**326 $**

291 SERİSİ MEKANİK DERİNLİK KOMPARATÖRÜ

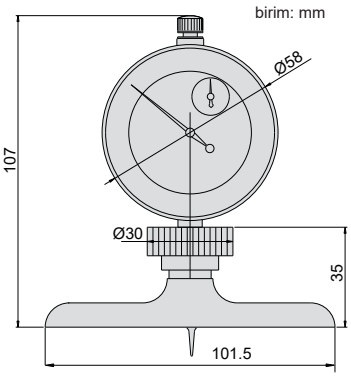
- Okuma: 0.01mm
- Saat hareketi: 10mm
- Hassasiyet: ±0.03mm
- Paslanmaz çelik taban
- İğne ve küresel uç dahil



291-010-12

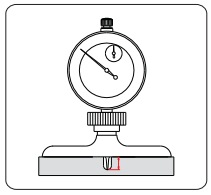


291-010-11

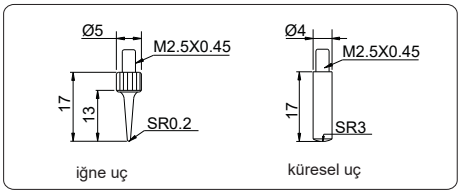


291-010-12

Kod	Aralık	Taban	Fiyat
291-010-11	0-10mm	63x17mm	158 $
291-010-12	0-10mm	101.5x17mm	234 $

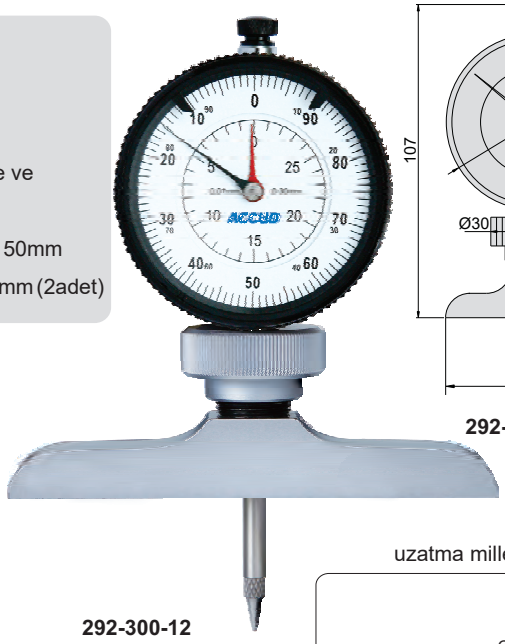


uç **(dahil)**

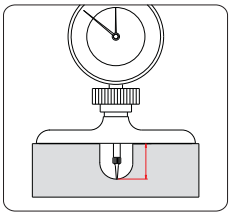


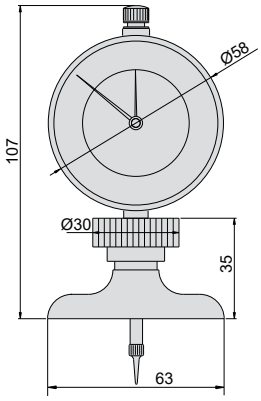
292 SERİSİ MEKANİK DERİNLİK KOMPARATÖRÜ

- Okuma: 0.01mm
- Saat hareketi: 30mm
- Hassasiyet: ±0.03mm
- Paslanmaz çelik taban İğne ve
- küresel uç dahil
- Uzatma mili: 25mm (1adet), 50mm (1adet), 75mm (1adet), 100mm (2adet)

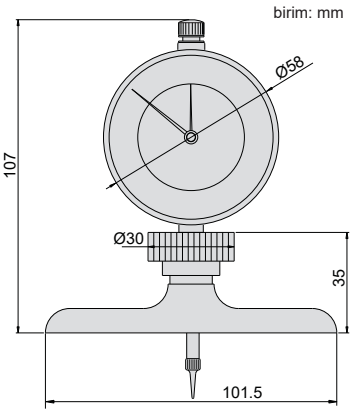


292-300-12





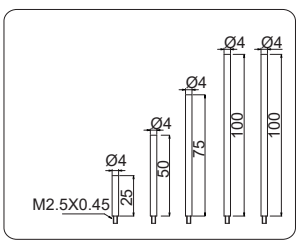
292-300-11



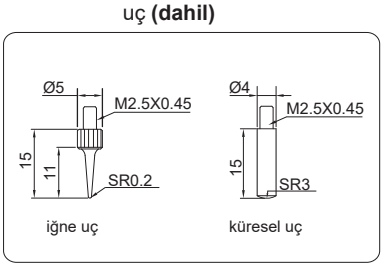
292-300-12

Kod	Aralık	Taban	Fiyat
292-300-11	0-300mm	63x17mm	269 $
292-300-12	0-300mm	101.5x17mm	280 $

uzatma milleri



uç **(dahil)**



295 SERİSİ MEKANİK DERİNLİK KOMPARATÖRÜ

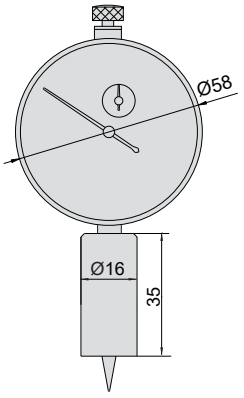
- Paslanmaz çelik taban
- İğne uç



295-010-11

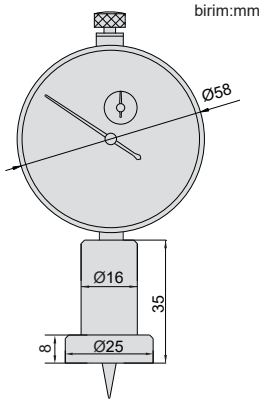


295-010-12

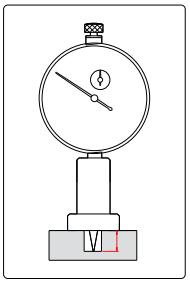


295-010-11

birim:mm



295-010-12



Kod	Aralık	Hassasiyet	Saat hareketi	Saat okuma	Taban	Fiyat
295-010-11	0-10mm	17µm	10mm	0.01mm	Ø16mm	**153 $**
295-010-12	0-10mm	17µm	10mm	0.01mm	Ø25mm	**163 $**

299 SERİSİ DİJİTAL DERİNLİK KOMPARATÖRÜ

Veri çıkışı

CR2032

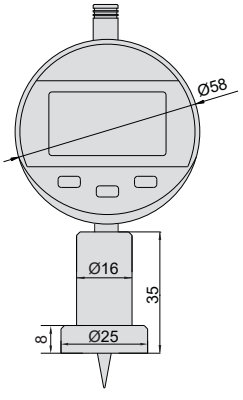
- Butonlar: on/off, zero, mm/inch, ABS, preset, ölçüm yönü değiştirme
- Veri çıkışı (Kablo kodu: 200-03 veya 200-04)
- Otomatik açma/kapanma
- Paslanmaz çelik taban
- İğne tip



299-010-11

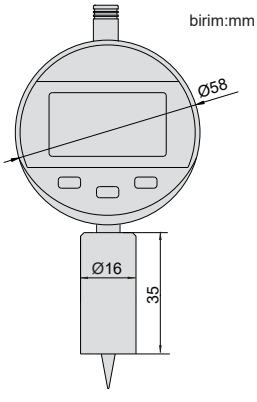


299-010-02



Tip B

birim:mm



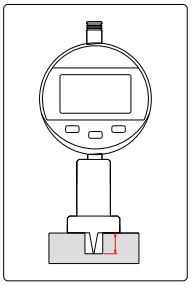
Tip A

Çözünürlük 0.01mm/0.0005"

Kod	Aralık	Hassasiyet	Dijital saat hareketi	Taban	Tip	Fiyat
299-010-11	0-12.7mm/0-0.5"	±20µm	12.7mm/0.5"	Ø16mm	A	**244 $**
299-010-12	0-12.7mm/0-0.5"	±20µm	12.7mm/0.5"	Ø25mm	B	**254 $**

Çözünürlük 0.001mm/0.00005"

Kod	Aralık	Hassasiyet	Dijital saat hareketi	Taban	Tip	Fiyat
299-010-01	0-12.7mm/0-0.5"	±20µm	12.7mm/0.5"	Ø16mm	A	**425 $**
299-010-02	0-12.7mm/0-0.5"	±20µm	12.7mm/0.5"	Ø25mm	B	**430 $**



181 SERİSİ DİJİTAL YÜKSEKLİK MİHENGİRİ

Veri çıkışı | LR44

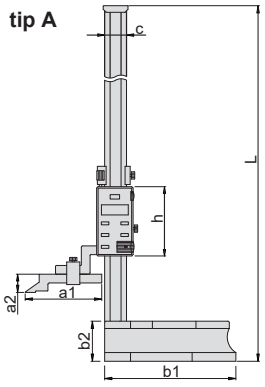
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, inch/mm,ABS/INC ,veri sabitleme, tolerans ölçümü, preset, setleme,
- Karbür uçlu çizici
- Paslanmaz çelik (Taban hariç)
- Veri çıkışı (kablo kodu: 500-01)
- Tutucu ile birlikte (Ø8mm)



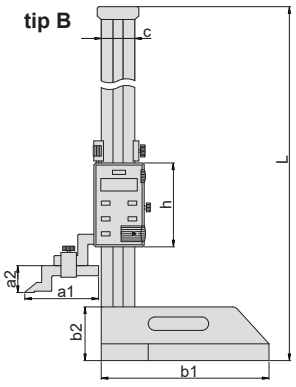
181-024-11

birim:mm

tip A



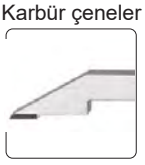
tip B



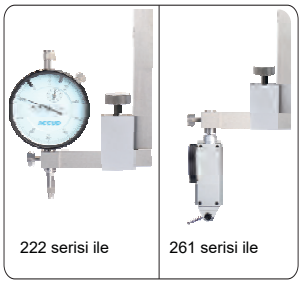
Tutucu **(dahil)**



Karbür çeneler



Tutucular ile uygulamalar **(opsiyonel)**



Kod	Aralık	Tip	Hassasiyet	a1	a2	b1	b2	c	h	L	Fiyat
181-012-11	0-300mm/0-12"	A	±0.04mm	76	25	135	45	23	80	470	**427 $**
181-024-11	0-600mm/0-24"	A	±0.05mm	103	25	180	55	30	95	820	**878 $**
181-040-11	0-1000mm/0-40"	B	±0.07mm	110	39	250	80	50	125	1275	**1888 $**
181-060-11	0-1500mm/0-60"	B	±0.11mm	110	39	280	80	50	125	1790	**3198 $**
181-080-11	0-2000mm/0-80"	B	±0.15mm	110	39	280	80	50	125	2290	**4923 $**

182 SERİSİ DİJİTAL YÜKSEKLİK MİHENGİRİ

LR44

- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, inch/mm,ABS/INC setleme
- Karbür uçlu çizici
- Paslanmaz çelik gövde
- Makaralı
- Opsiyonel aksesuar: 267 serisi tutucu

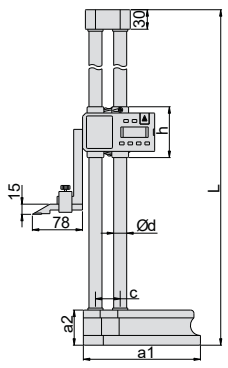
Tutucular ile uygulamalar**(opsiyonel)**



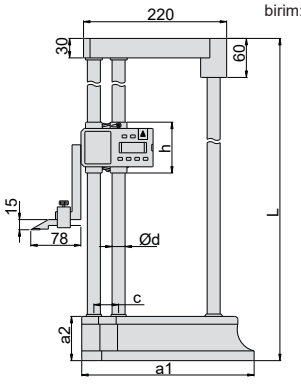


182-012-11

birim:mm



tip A

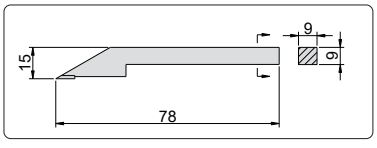


tip B

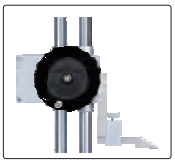
Karbür uçlu çene



çizici **(dahil)**



hareket makarası



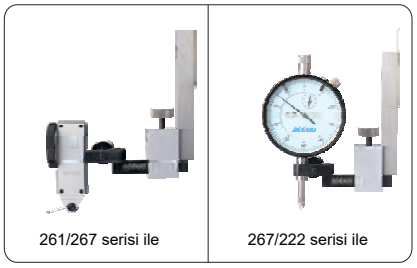
Kod	Aralık	Tip	Hassasiyet	a1	a2	c	Ød	h	L	Fiyat
182-012-11	0-300mm/0-12"	A	±0.04mm	135	43	33	15	84	475	**949 $**
182-024-11	0-600mm/0-24"	A	±0.05mm	180	54	38	20	88	810	**1528 $**
182-040-11	0-1000mm/0-40"	B	±0.05mm	265	68	38	20	88	1230	**6561 $**

184 SERİSİ DİJİTAL YÜKSEKLİK MİHENGİRİ - MAKARALI

CR2032

- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, inch/mm,ABS/INC ,veri sabitleme
- Otomatik açma/kapanma
- Karbür uçlu çizici
- Paslanmaz çelik
- Veri çıkışı (kablo kodu: 500-03)
- Opsiyonel aksesuarlar: salgı saati tutucusu (**267-050-01**)

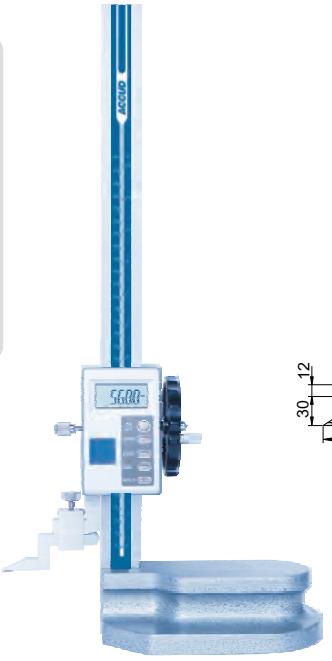
Tutucular ile uygulamalar**(opsiyonel)**



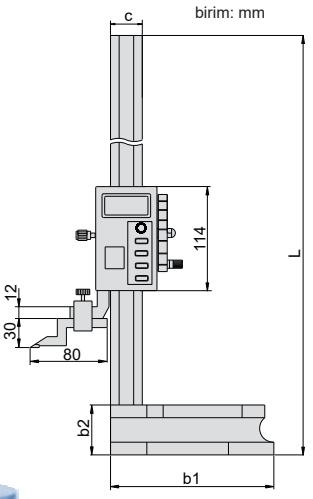
261/267 serisi ile | 267/222 serisi ile

Karbür çeneler

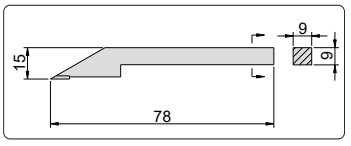




184-012-11



Çizici **(dahil)**



Kod	Aralık	Hassasiyet	b1	b2	c	L	Fiyat
184-012-11	0-300mm/0-12"	±0.03mm	180	55	32	515	**685 $**
184-024-11	0-600mm/0-24"	±0.05mm	180	55	32	815	**1140 $**

185 SERİSİ SAATLİ YÜKSEKLİK MİHENGİRİ

- Saat okuma: 0.01mm
- Karbür uçlu çizici
- Paslanmaz çelik (taban hariç)
- Makaralı
- Opsiyonel aksesuar: 267 serisi tutucu

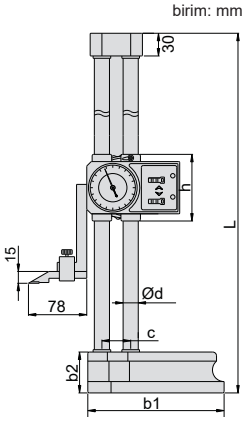
Tutucular ile uygulamalar **(opsiyonel)**



261/267 serisi ile | 267/222 serisi ile



185-012-11



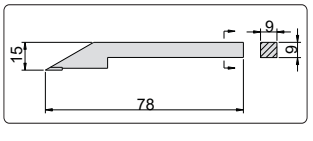
Karbür çeneler



hareket makarası



çizici **(dahil)**

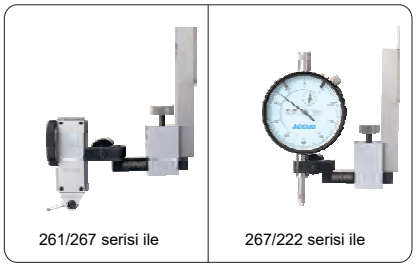


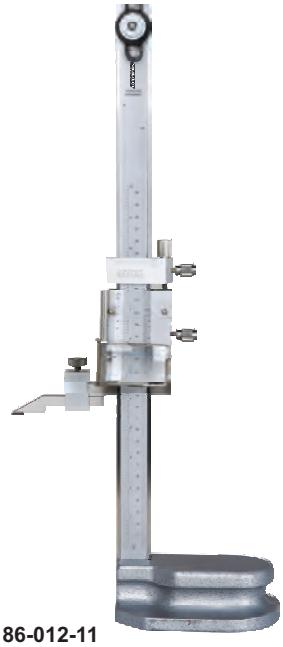
Kod	Aralık	Hassasiyet	b1	b2	c	Ød	h	L	Fiyat
185-012-11	0-300mm	±0.04mm	135	43	33	15	84	475	**559 $**
185-024-11	0-600mm	±0.05mm	180	54	38	20	88	810	**1015 $**

186 SERİSİ MEKANİK YÜKSEKLİK MİHENGİRİ

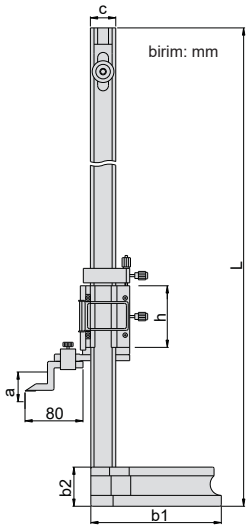
- Okuma: 0.02mm/0.001"
- Sıfırlama için ana cetveli hareket ettir
- Karbür uçlu çizici
- Paslanmaz çelik (taban hariç)
- Krom kaplama okuma yüzeyi
- Büyütücü ile
- Opsiyonel aksesuar:267 serisi tutucu

Tutucular ile uygulamalar **(opsiyonel)**





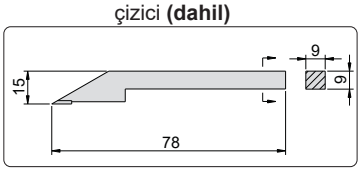
186-012-11



karbür çeneler



çizici **(dahil)**



Kod	Aralık	Hassasiyet	a	b1	b2	c	h	L	Fiyat
186-012-11	0-300mm/0-12"	±0.04mm	30	135	43	28	75	545	**366 $**
186-024-11	0-600mm/0-24"	±0.05mm	41	180	54	35	85	870	**579 $**

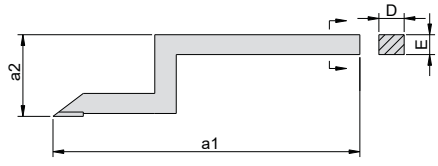
180 SERİSİ YÜKSEKLİK MİHENGİRLERİ İÇİN ÇİZİCİ



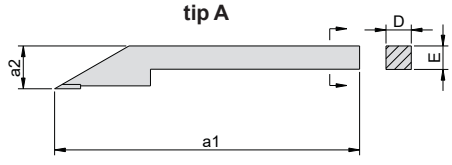
180-000-SC1

- Karbür uç

birim: mm



tip A



tip B

Kod	Uyumlu mihengirler	Tip	a1	a2	D	E	Fiyat
180-000-SC1	181-012-11	A	76	25	6	8	**44 $**
180-000-SC2	181-024-11	A	103	25	10	12	**58 $**
180-000-SC3	181-040-11	A	110	39	10	15	**113 $**
180-000-SC4	185-012-11,185-024-11, 182-012-11,182-024-11	B	78	15	9	9	**50 $**
180-000-SC6	186-012-11	A	80	30	9	9	**59 $**
180-000-SC7	186-024-11	A	80	41	9	9	**65 $**

Karbür çeneler



311 SERİSİ DİJİTAL MİKROMETRE

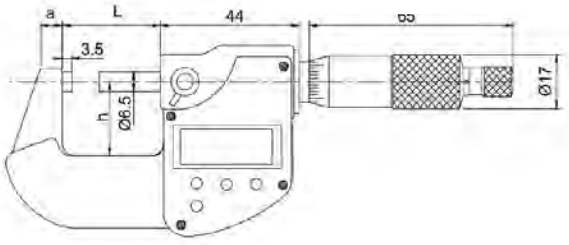
Sertifika

- Çözünürlük: 0.001mm/0.00005"
- Butonlar: ON/OFF/SET, ABS/INC/UNIT
- Karbür ölçüm yüzeyleri,
- Kilitleme vidası
- Setleme mastarları dahil
  (311-001-03 hariç)



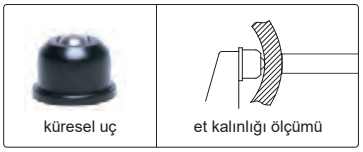
311-001-03

birim: mm



Setleme mastarları (dahil)





küresel uç | et kalınlığı ölçümü

Kod	Aralık	Hassasiyet	a	h	L	Setleme mastarları (dahil)	Fiyat
311-001-03	0-25mm/0-1"	±2µm	9	24	32	-	175 $
311-002-03	25-50mm/1-2"	±2µm	8	32	57	25mm	200 $
311-003-03	50-75mm/2-3"	±3µm	8	44.5	82	50mm	260 $
311-004-03	75-100mm/3-4"	±3µm	8	57	107	75mm	310 $

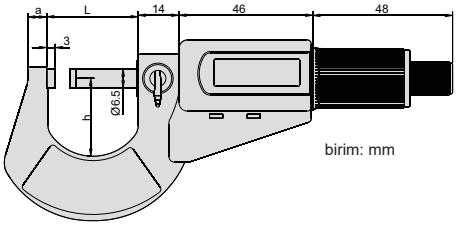
312 SERİSİ DİJİTAL MİKROMETRE

Sertifika

- Çözünürlük: 0.001mm/0.00005"
- Butonlar: ON/OFF/SET, ABS/INC/UNIT
- Karbür ölçüm yüzeyleri,
- Kilitleme vidası
- Setleme mastarları dahil
  (312-001-03 hariç)



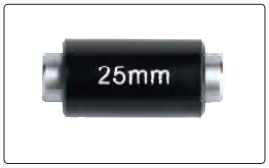
312-001-03



birim: mm

Kod	Aralık	Hassasiyet	a	h	L	Setleme mastarları (dahil)	Fiyat
312-001-03	0-25mm/0-1"	±2µm	6	27.5	32	-	123 $
312-002-03	25-50mm/1-2"	±2µm	8	37	57	25mm	155 $
312-003-03	50-75mm/2-3"	±3µm	8	50	82	50mm	198 $
312-004-03	75-100mm/3-4"	±3µm	10	61	107	75mm	219 $
312-005-03	100-125mm/4-5"	±3µm	10	73	132	100mm	275 $
312-006-03	125-150mm/5-6"	±3µm	10	85	157	125mm	300 $
312-007-03	150-175mm/6-7"	±4µm	21	104	182	150mm	351 $
312-008-03	175-200mm/7-8"	±4µm	21	117	207	175mm	381 $

Setleme mastarları (dahil)





küresel uç | et kalınlığı ölçümü

313 SERİSİ DİJİTAL MİKROMETRE

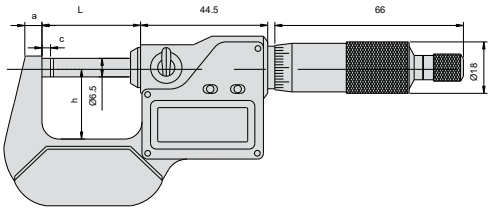
Sertifika IP67

- Çözünürlük: 0.001mm/0.00005"
- IP65 koruma
- Butonlar: on/off, mm/inch,set, zero
- Otomatik kapanma
- Karbür ölçüm yüzeyleri, kilitleme vidası
- Setleme mastarları dahil
  (313-001-01 hariç)



313-001-01

birim: mm



Kod	Aralık	Hassasiyet	a	c	h	L	Setleme mastarları (dahil)	Fiyat
313-001-01	0-25mm/0-1"	±2µm	6	3	25	34.5	-	188 $
313-002-01	25-50mm/1-2"	±2µm	8	3	32	59.5	25mm	231 $
313-003-01	50-75mm/2-3"	±3µm	8	3	44.5	84.5	50mm	279 $
313-004-01	75-100mm/3-4"	±3µm	8	3	57	109.5	75mm	320 $
313-005-01	100-125mm/4-5"	±3µm	10	3	70	135	100mm	384 $
313-006-01	125-150mm/5-6"	±3µm	10	3	82	160.5	125mm	417 $
313-007-01	150-175mm/6-7"	±4µm	12	5.5	94.5	186	150mm	457 $
313-008-01	175-200mm/7-8"	±4µm	12	5.5	107	211.5	175mm	518 $

Setleme mastarları (dahil)



313 SERİSİ DİJİTAL MİKROMETRE

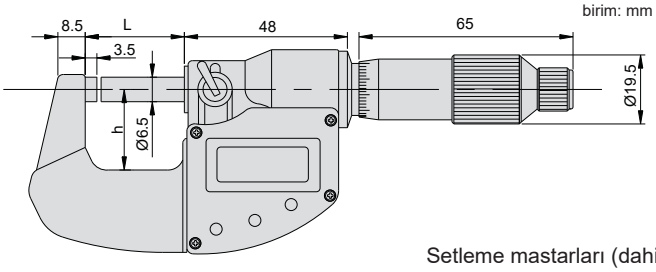
Sertifika Veri çıkışı CR2032

- Çözünürlük: 0.001mm/0.00005"
- IP65 koruma
- Butonlar: on/off, mm/inch,set, zero
- Otomatik kapanma
- Veri çıkışı
- Karbür ölçüm yüzeyleri
- kilitleme vidası
- Setleme mastarları dahil
  (313-001-02 hariç)



313-001-02

birim: mm



Kod	Aralık	Hassasiyet	h	L	Setleme mastarı (dahil)	Fiyat
313-001-02	0-25mm/0-1"	3µm	25	31.5	-	270 $
313-002-02	25-50mm/1-2"	3µm	32	57	25mm	300 $
313-003-02	50-75mm/2-3"	4µm	44.5	82.5	50mm	350 $
313-004-02	75-100mm/3-4"	4µm	57	107	75mm	380 $
313-005-02	100-125mm/4-5"	5µm	70	133	100mm	470 $
313-006-02	125-150mm/5-6"	5µm	82	158	125mm	519 $

Setleme mastarları (dahil)



321 SERİSİ MEKANİK MİKROMETRE

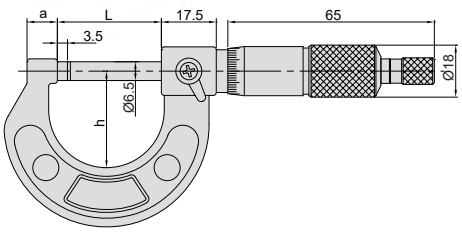
Sertifika

- Okuma: 0.01mm
- Karbür ölçüm yüzeyleri
- Kilitleme vidası
- Setleme mastarı dahil
  (321-001-01 hariç)



321-001-01

birim: mm



Kod	Aralık	Hassasiyet	a	h	L	Setleme mastarları (dahil)	Fiyat
321-001-01	0-25mm	4µm	9	29	32	-	44 $
321-002-01	25-50mm	4µm	9	39	58	25mm	53 $
321-003-01	50-75mm	5µm	10	53	83	50mm	59 $
321-004-01	75-100mm	5µm	10	65	109	75mm	69 $
321-005-01	100-125mm	6µm	11.5	76	133	100mm	87 $
321-006-01	125-150mm	6µm	11.5	88	159	125mm	99 $
321-007-01	150-175mm	7µm	11.5	101	185	150mm	122 $
321-008-01	175-200mm	7µm	11.5	114	210	175mm	134 $
321-009-01	200-225mm	8µm	11.5	126	235	200mm	158 $
321-010-01	225-250mm	8µm	12	139	260	225mm	173 $
321-011-01	250-275mm	9µm	12.5	151	286	250mm	193 $
321-012-01	275-300mm	9µm	12.5	164	311	275mm	217 $

Setleme mastarları (dahil)



321 SERİSİ MEKANİK MİKROMETRE SETİ

Sertifika

- 321 serisi mikrometreler içerir

Setleme mastarları (dahil)





321-006-06

Kod	Aralık	Toplam adet	İçeren mikrometreler	Setleme mastarları (dahil)	Fiyat
321-003-03	0-75mm	3 adet	0-25, 25-50, 50-75mm	25, 50mm	175 $
321-004-04	0-100mm	4 adet	0-25, 25-50, 50-75, 75-100mm	25, 50, 75mm	248 $
321-006-06	0-150mm	6 adet	1-25, 25-50, 50-75,75-100, 100-125, 125-150mm	25, 50, 75, 100, 125mm	391 $
321-012-06	150-300mm	6 adet	150-175, 175-200, 200-225, 225-250, 250-275, 275-300mm	150,175, 200, 225, 250, 275mm	965 $
321-012-12	0-300mm	12 adet	0-25, 25-50, 50-75,75-100, 100-125, 125-150, 150-175, 175-200, 200-225, 225-250, 250-275, 275-300mm	25, 50, 75, 100, 125,150, 175, 200, 225, 250, 275mm	1371 $

315 SERİSİ DİJİTAL DEĞİŞTİRİLEBİLİR UÇLU MİKROMETRE

Veri çıkışı

- Çözünürlük: 0.001mm/0.0001" (**315-004-01** ve **315-006-01:** 0.001mm/0.00005")
- IP54 koruma
- Butonlar: on/off, set, mm/inch, ABS/INC, veri çıkışı
- Otomatik kapanma
- Veri çıkışı
- Karbür ölçüm yüzeyleri
- Setleme mastarları dahil

Setleme mastarları (dahil)

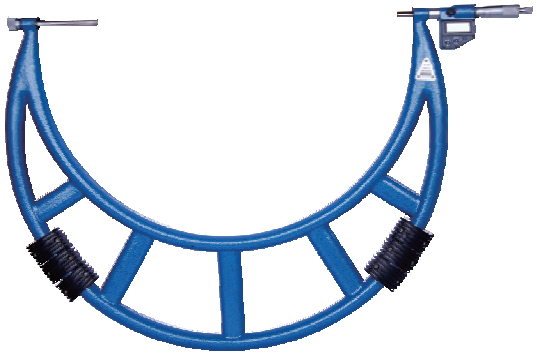




farklı ölçüm aralıkları için değiştirilebilir uçlar

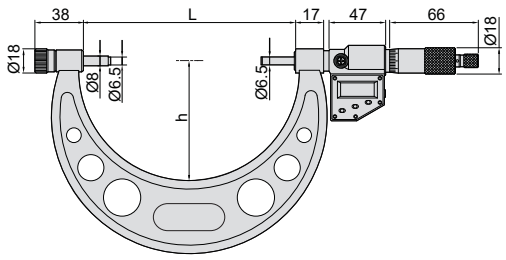


315-004-01

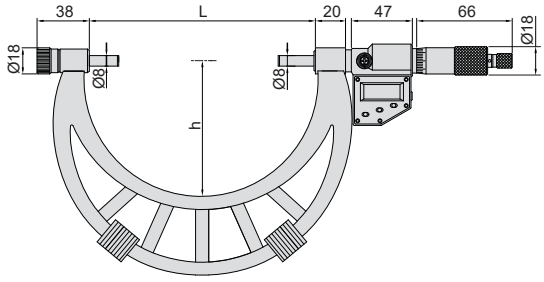


315-020-01

birim: mm



tip A



tip B

Kod	Aralık	Hassasiyet	L	h	Tip	Setleme mastarları (dahil)	Fiyat
315-004-01	0-100mm/0-4"	±5µm	105	57	A	25,50,75mm	**686 $**
315-006-01	0-150mm/0-6"	±6µm	155	82	A	25,50,75,100,125mm	**711 $**
315-012-01	150-300mm/6-12"	±8µm	305	165	A	150,175,200,225,250,275mm	**812 $**
315-012-02	200-300mm/8-12"	±8µm	305	165	A	200,225,250,275mm	**802 $**
315-016-01	300-400mm/12-16"	±9µm	405	224	B	325,375mm	**929 $**
315-020-01	400-500mm/16-20"	±11µm	505	275	B	425,475mm	**1168 $**
315-024-01	500-600mm/20-24"	±12µm	605	321	B	525,575mm	**1269 $**
315-028-01	600-700mm/24-28"	±13µm	705	371	B	625,675mm	**1371 $**
315-032-01	700-800mm/28-32"	±15µm	805	426	B	725,775mm	**1574 $**
315-036-01	800-900mm/32-36"	±16µm	905	476	B	825,875mm	**1675 $**
315-040-01	900-1000mm/36-40"	±17µm	1005	576	B	925,975mm	**1827 $**

325 SERİSİ
MEKANİK DEĞİŞTİRİLEBİLİR UÇLU MİKROMETRE

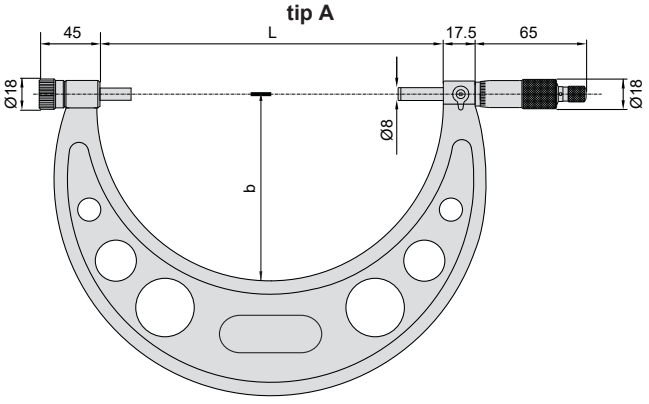
- Okuma: 0.01mm
- Kilitleme vidası
- Karbür ölçüm yüzeyleri
- Setleme mastarları dahil



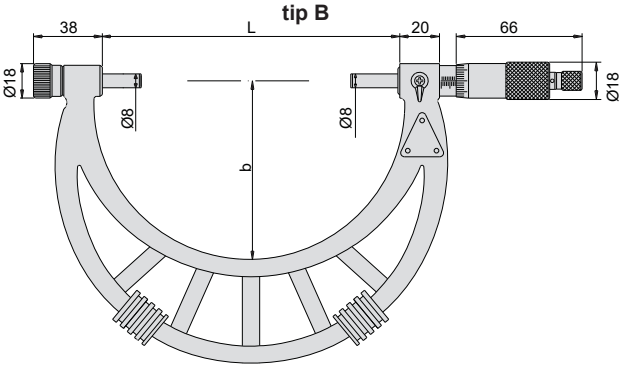
325-006-01

birim: mm

tip A



tip B



Setleme mastarları (dahil)



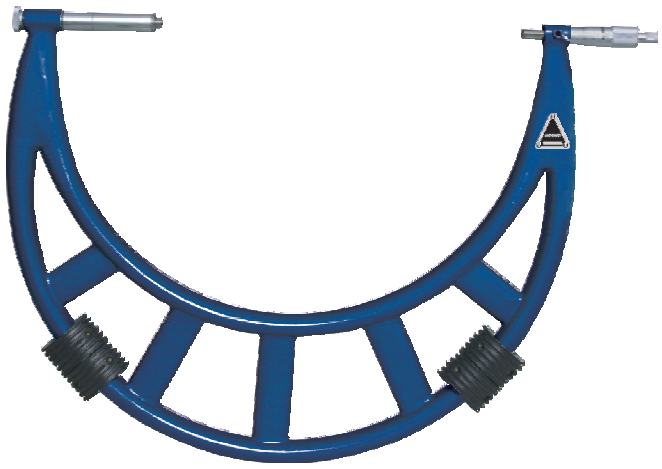


farklı ölçüm aralıkları için değiştirilebilir uçlar

Kod	Aralık	Tip	Hassasiyet	L	b	Setleme mastarları (dahil)	Fiyat
325-002-01	0-50mm	A	4µm	58	35	25mm	**163 $**
325-004-01	0-100mm	A	5µm	108	57	25,50,75mm	**324 $**
325-006-01	0-150mm	A	6µm	158	82	25,50,75,100,125mm	**393 $**
325-008-01	100-200mm	A	7µm	208	114	100,125,150,175mm	**445 $**
325-012-01	150-300mm	A	9µm	308	165	150,175,200,225,250,275mm	**493 $**
325-006-02	50-150mm	A	6µm	158	82	50,75,100,125mm	**427 $**
325-012-02	200-300mm	A	9µm	308	165	200,225,250,275mm	**501 $**
325-016-02	300-400mm	B	11µm	409	224	325,375mm	**777 $**
325-020-02	400-500mm	B	13µm	509	275	425,475mm	**881 $**
325-024-02	500-600mm	B	14µm	609	321	525,575mm	**1000 $**
325-028-02	600-700mm	B	16µm	709	371	625,675mm	**1177 $**
325-032-02	700-800mm	B	18µm	809	426	725,775mm	**1398 $**
325-036-02	800-900mm	B	20µm	909	476	825,875mm	**1580 $**
325-040-02	900-1000mm	B	22µm	1009	576	925,975mm	**1805 $**

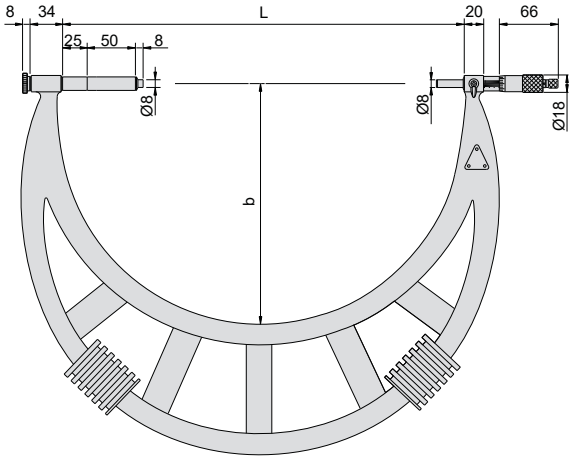
329 SERİSİ MEKANİK AYARLANABİLİR MİKROMETRE

- Farklı ölçüm aralıkları için ayarlanabilir uç
- Okuma: 0.01mm
- Kilitleme vidası
- Karbür ölçüm yüzeyleri
- Setleme mastarları dahil

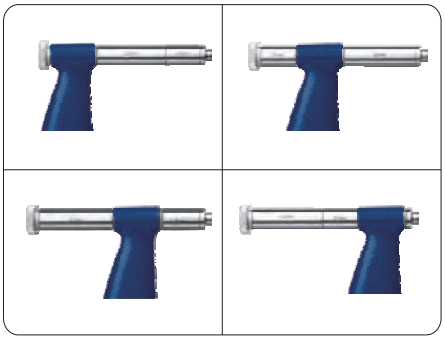


329-016-01

birim: mm



Farklı ölçüm aralıkları için ayarlanabilir uç



Setleme mastarları (dahil)



Kod	Aralık	Hassasiyet	L	h	Setleme mastarları (dahil)	Fiyat
329-016-01	300-400mm	11µm	410	250	325,375mm	**647 $**
329-020-01	400-500mm	13µm	510	275	425,475mm	**732 $**
329-024-01	500-600mm	14µm	610	320	525,575mm	**844 $**
329-028-01	600-700mm	16µm	710	370	625,675mm	**1066 $**
329-032-01	700-800mm	18µm	810	425	725,775mm	**1218 $**
329-036-01	800-900mm	20µm	910	475	825,875mm	**1385 $**
329-040-01	900-1000mm	22µm	1010	575	925,975mm	**1551 $**
329-048-01	1000-1200mm	22µm	1210	645	1050,1150mm	**3139 $**
329-056-01	1200-1400mm	24µm	1410	745	1250,1350mm	**3353 $**
329-064-01	1400-1600mm	28µm	1610	845	1450,1550mm	**3733 $**
329-072-01	1600-1800mm	31µm	1810	945	1650,1750mm	**3964 $**
329-080-01	1800-2000mm	34µm	2010	1045	1850,1950mm	**4468 $**

316 SERİSİ
DİJİTAL BIÇAK AĞIZLI MİKROMETRE

Veri çıkışı

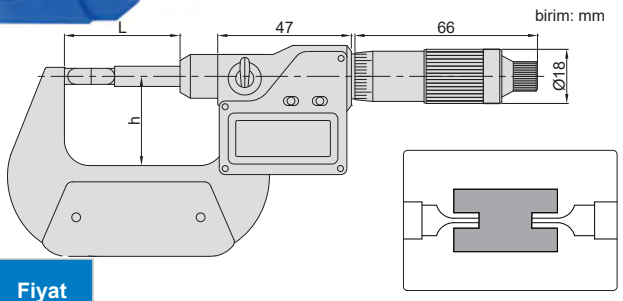
- Millerin kanal çapı ve yatakların ölçümleri için
- Çözünürülük: 0.001mm/0.00005"
- Sabit mil
- Butonlar: on/off, set, mm/inch, ABS/INC, veri çıkışı
- Otomatik kapanma
- Veri çıkışı
- Kilitleme vidası
- Setleme mastarları dahil **(0-25mm/0-1" hariç)**



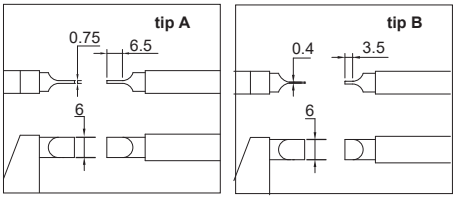
316-001-01

Setleme mastarı (dahil)





Kod	Aralık	Hassasiyet	Tip	Setleme mastarları (dahil)	Fiyat
316-001-01	0-25mm/0-1"	±4µm	A	-	**565 $**
316-002-01	25-50mm/1-2"	±4µm	A	25mm	**623 $**
316-003-01	50-75mm/2-3"	±5µm	A	50mm	**657 $**
316-004-01	75-100mm/3-4"	±5µm	A	75mm	**710 $**
316-001-02	0-25mm/0-1"	±4µm	B	-	**629 $**
316-002-02	25-50mm/1-2"	±4µm	B	25mm	**686 $**

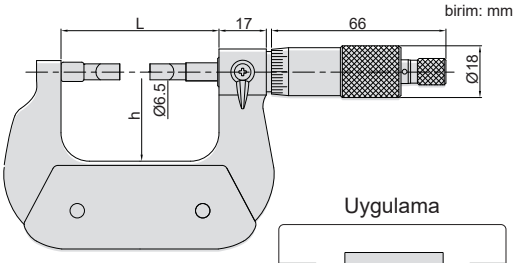


326 SERİSİ
MEKANİK BIÇAK AĞIZLI MİKROMETRE

- Küçük kanal çapları ölçümü
- Okuma: 0.01mm
- Sabit mil
- Kilitleme vidası
- Setleme mastarları dahil **(0-25mm hariç)**



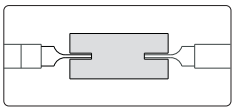
326-001-03



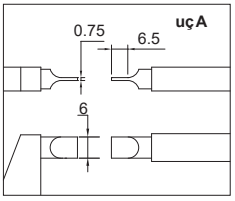
Setleme mastarı (dahil)

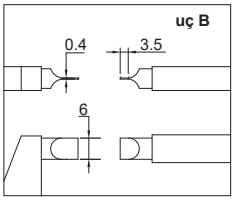


Uygulama



Kod	Aralık	Uç	Hassasiyet	h	L	Setleme mastarları (dahil)	Fiyat
326-001-03	0-25mm	A	4µm	35	57	-	**317 $**
326-002-03	25-50mm	A	4µm	46	82	25mm	**396 $**
326-003-03	50-75mm	A	5µm	58	107	50mm	**434 $**
326-004-03	75-100mm	A	5µm	70	133	75mm	**476 $**
326-005-03	100-125mm	A	6µm	83	158	100mm	**523 $**
326-006-03	125-150mm	A	6µm	96	183	125mm	**567 $**
326-007-03	150-175mm	A	7µm	109	209	150mm	**582 $**
326-001-04	0-25mm	B	4µm	35	57	-	**379 $**
326-002-04	25-50mm	B	4µm	46	82	25mm	**473 $**





317 SERİSİ DİJİTAL NOKTA UÇLU MİKROMETRE

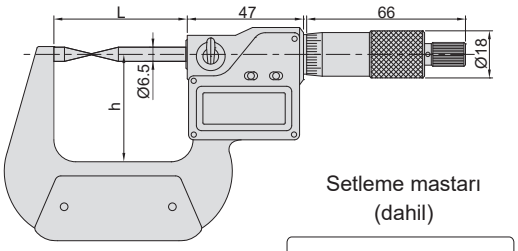
Veri çıkışı

- Delik kalınlıkları, küçük kanalların ve yatakların ölçümleri
- Çözünürlük: 0.001mm/0.00005"
- IP54 koruma
- Butonlar: on/off, set, mm/inch,ABS/INC, veri çıkışı
- Otomatik kapanma
- Veri çıkışı
- Kilitleme vidası
- Karbür uçlar
- Setleme mastarları dahil **(0-25mm/0-1" hariç)**



317-001-01

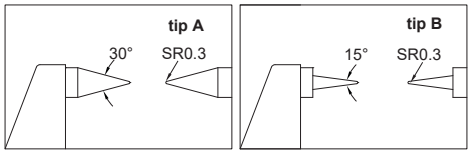
birim: mm



Kod	Aralık	Hassasiyet	Tip	Setleme mastarları	Fiyat
317-001-01	0-25mm/0-1"	±4µm	A	-	**508 $**
317-002-01	25-50mm/1-2"	±4µm	A	25mm	**551 $**
317-003-01	50-75mm/2-3"	±5µm	A	50mm	**585 $**
317-004-01	75-100mm/3-4"	±5µm	A	75mm	**623 $**
317-001-02	0-25mm/0-1"	±4µm	B	-	**508 $**
317-002-02	25-50mm/1-2"	±4µm	B	25mm	**551 $**
317-003-02	50-75mm/2-3"	±5µm	B	50mm	**585 $**
317-004-02	75-100mm/3-4"	±5µm	B	75mm	**623 $**

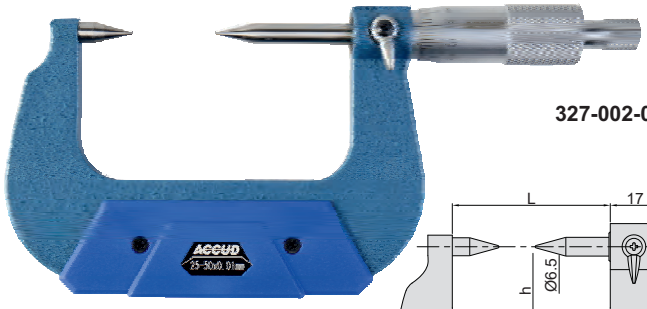
Setleme mastarı (dahil)





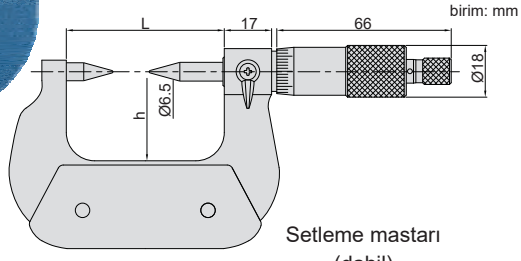
327 SERİSİ MEKANİK NOKTA UÇLU MİKROMETRE

- Delik kalınlıkları, küçük kanalların ve yatakların ölçümleri
- Okuma: 0.01mm
- Kilitleme vidası
- Karbür uçlar
- Setleme mastarları dahil **(0-25mm hariç)**



327-002-03

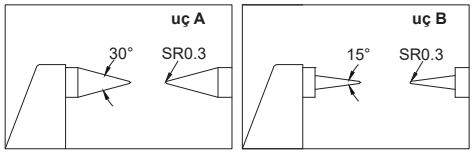
birim: mm



Kod	Aralık	Uç	Hassasiyet	h	L	Setleme mastarları	Fiyat
327-001-03	0-25mm	A	4µm	39	58	-	**162 $**
327-002-03	25-50mm	A	4µm	53	83	25mm	**178 $**
327-003-03	50-75mm	A	5µm	65	109	50mm	**199 $**
327-004-03	75-100mm	A	5µm	76	133	75mm	**235 $**
327-001-04	0-25mm	B	4µm	39	58	-	**162 $**
327-002-04	25-50mm	B	4µm	53	83	25mm	**178 $**
327-003-04	50-75mm	B	5µm	65	109	50mm	**190 $**
327-004-04	75-100mm	B	5µm	76	133	75mm	**235 $**

Setleme mastarı (dahil)





318 SERİSİ DİJİTAL PİM UÇLU MİKROMETRE

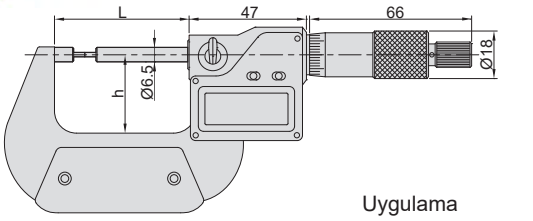
Veri çıkışı

- Yiv, kanal ve yatakların ölçümleri
- Çözünürlük: 0.001mm/0.00005"
- IP54 koruma
- Butonlar: on/off, set, mm/inch, ABS/INC, veri çıkışı
- Otomatik kapanma
- Veri çıkışı
- Kilitleme vidası
- Karbür ölçüm yüzeyleri
- Setleme mastarları dahil **(0-25mm/0-1" hariç)**



318-001-02

birim: mm

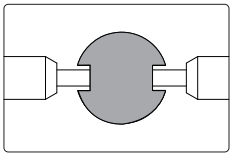


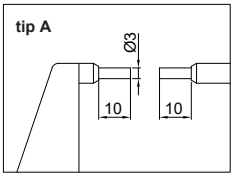
Kod	Aralık	Hassasiyet	Tip	Setleme mastarları	Fiyat
318-001-01	0-25mm/0-1"	±4µm	A	-	512 $
318-002-01	25-50mm/1-2"	±4µm	A	25mm	555 $
318-003-01	50-75mm/2-3"	±5µm	A	50mm	589 $
318-004-01	75-100mm/3-4"	±5µm	A	75mm	630 $
318-001-02	0-25mm/0-1"	±4µm	B	-	512 $
318-002-02	25-50mm/1-2"	±4µm	B	25mm	555 $
318-003-02	50-75mm/2-3"	±5µm	B	50mm	589 $
318-004-02	75-100mm/3-4"	±5µm	B	75mm	630 $

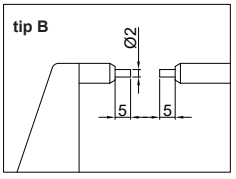
Setleme mastarı (dahil)



Uygulama







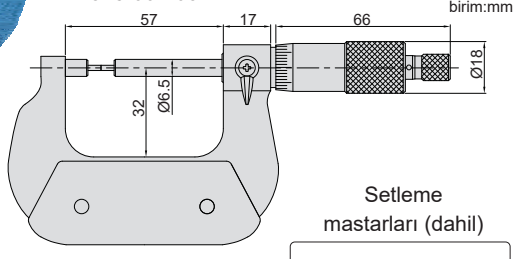
328 SERİSİ MEKANİK PİM UÇLU MİKROMETRE

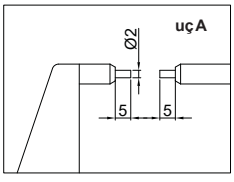
- Kanal ve keskin parçaların ölçümü
- Okuma: 0.01mm
- Karbür ölçüm yüzeyleri
- Kilitleme vidası
- Setleme mastarları dahil (**0-25mm hariç**)

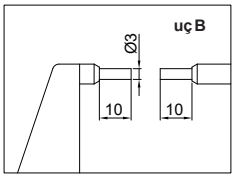


328-001-03

birim:mm



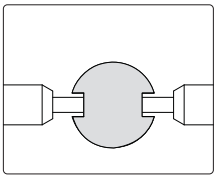




Setleme mastarları (dahil)



Uygulama



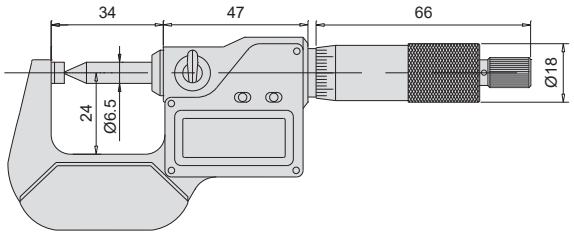
Kod	Aralık	Uç	Hassasiyet	h	L	Setleme mastarları	Fiyat
328-001-03	0-25mm	B	4µm	39	58	-	158 $
328-002-03	25-50mm	B	4µm	53	83	25mm	174 $
328-003-03	50-75mm	B	5µm	65	109	50mm	195 $
328-004-03	75-100mm	B	5µm	76	133	75mm	230 $
328-005-03	100-125mm	B	6µm	82	158	100mm	271 $
328-006-03	125-150mm	B	6µm	94.5	183.4	125mm	313 $
328-007-03	150-175mm	B	7µm	107	208.8	150mm	371 $
328-001-04	0-25mm	A	4µm	39	58	-	158 $

319 SERİSİ DİJİTAL KENAR YÜKSEKLİĞİ MİKROMETRESİ

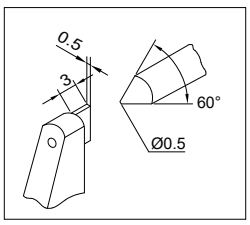
Veri çıkışı

- Kenar yüksekliği ölçümü
- Çözünürlük: 0.001mm/0.00005"
- IP54 koruma
- Butonlar: on/off, set, mm/inch, ABS/INC, veri çıkışı
- Otomatik kapanma
- Veri çıkışı
- Kilitleme vidası





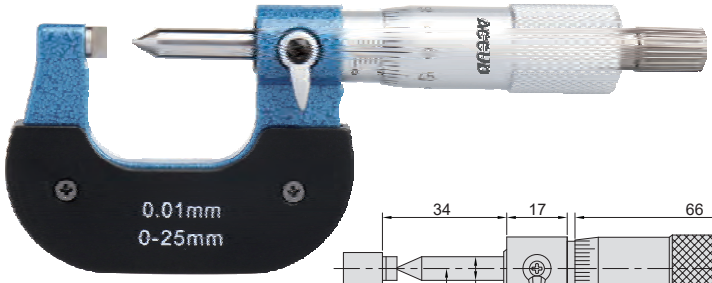
birim:mm



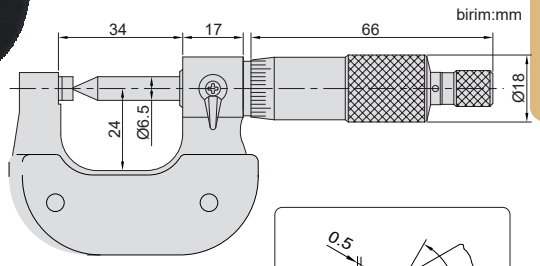
Kod	Aralık	Hassasiyet	Fiyat
319-001-01	0-25mm/0-1"	±4µm	**509 $**

346 SERİSİ MEKANİK KENAR YÜKSEKLİĞİ MİKROMETRESİ

- Kenar yüksekliği ölçümü
- Okuma: 0.01mm
- Kilitleme vidası

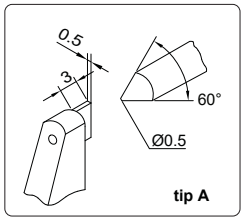


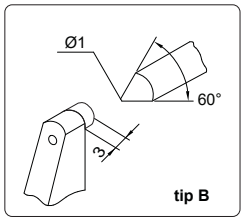
birim:mm



Setleme mastarı dahil







Kod	Aralık	Hassasiyet	Tip	L	h	Setleme mastarları	Fiyat
346-001-01	0-25mm	4µm	A	34	24	-	**166 $**
346-001-02	0-25mm	4µm	B	34	24	-	**166 $**
346-002-02	25-50mm	4µm	B	59	32	25	**184 $**
346-003-02	50-75mm	5µm	B	85	45	50	**224 $**
346-004-02	75-100mm	5µm	B	110	57	75	**331 $**

331 SERİSİ — DİJİTAL BORU ET KALINLIĞI MİKROMETRESİ

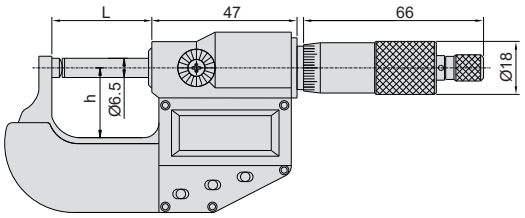
Veri çıkışı

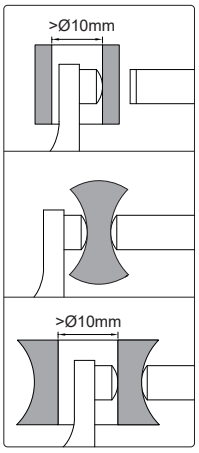
- Et kalınlığı ölçümü
- Çözünürlük: 0.001mm/0.00005"
- IP54 koruma
- Butonlar: on/off, set, mm/inch,ABS/ INC, veri çıkışı
- Otomatik kapanma
- Veri çıkışı
- Kilitleme vidası
- Karbür ölçüm yüzeyleri
- Setleme mastarları dahil **(0-25mm/0-1" hariç)**



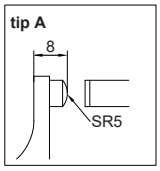
331-001-01

birim: mm



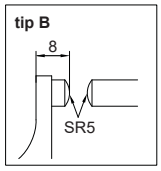


Kod	Aralık	Hassasiyet	Tip	L	h	Setleme mastarları	Fiyat
331-001-01	0-25mm/0-1"	4µm	A	32	24	-	**463 $**
331-002-01	25-50mm/1-2"	4µm	A	57	32	25mm	**517 $**
331-003-01	50-75mm/2-3"	5µm	A	82	44.5	50mm	**593 $**
331-004-01	75-100mm/3-4"	5µm	A	107	57	75mm	**650 $**
331-001-02	0-25mm/0-1"	4µm	B	32	24	100mm	**489 $**
331-002-02	25-50mm/1-2"	4µm	B	57	32	125mm	**547 $**
331-003-02	50-75mm/2-3"	5µm	B	82	44.5	150mm	**629 $**
331-004-02	75-100mm/3-4"	5µm	B	107	57	175mm	**689 $**



Setleme mastarları (dahil)





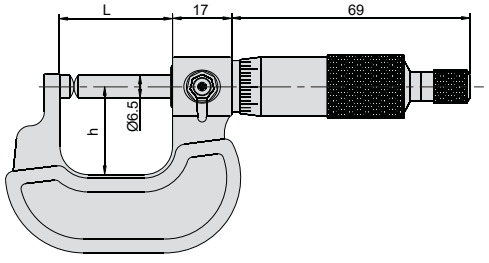
340 SERİSİ — MEKANİK BORU ET KALINLIĞI MİKROMETRESİ

- Boru et kalınlığı ölçümü
- Okuma: 0.01mm
- Karbür ölçüm yüzeyleri
- Kilitleme vidası
- Setleme mastarları (dahil) (**0-25mm hariç**)



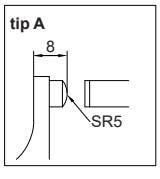
340-001-01

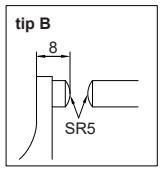
birim:mm



Setleme mastarları (dahil)

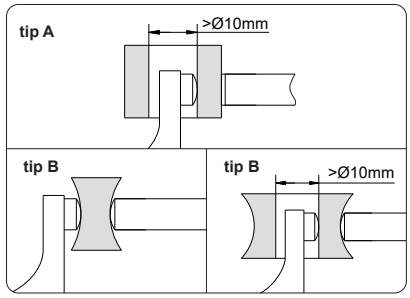






Kod	Aralık	Tip	Hassasiyet	L	h	Setleme mastarları	Fiyat
340-001-01	0-25mm	A	4µm	57	24	-	**102 $**
340-002-01	25-50mm	A	4µm	82	32	25mm	**119 $**
340-003-01	50-75mm	A	5µm	107	44.5	50mm	**200 $**
340-004-01	75-100mm	A	5µm	133	57	75mm	**230 $**
340-001-02	0-25mm	B	4µm	57	24	-	**107 $**
340-002-02	25-50mm	B	4µm	82	32	25mm	**126 $**
340-003-02	50-75mm	B	5µm	107	44.5	50mm	**200 $**
340-004-02	75-100mm	B	5µm	133	57	75mm	**230 $**

Uygulama



380 SERİSİ

DİJİTAL SİLİNDİRİK UÇLU BORU ET KALINLIĞI MİKROMETRESİ

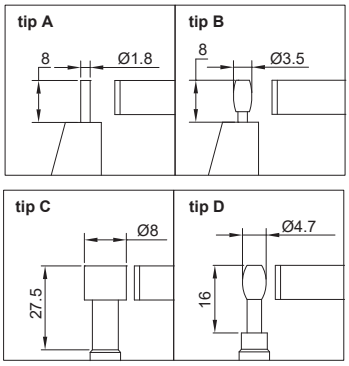
Veri çıkışı

- Boru et kalınlığı ölçümü
- Çözünürlük: 0.001mm/0.00005"
- IP54 koruma
- Butonlar: on/off, set, mm/inch, ABS/ INC, veri çıkışı
- Otomatik kapanma
- Veri çıkışı
- Kilitleme vidası
- Karbür uç



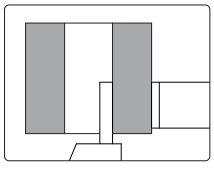
380-001-04

birim: mm



Kod	Aralık	Hassasiyet	Tip	Fiyat
380-001-01	0-25mm/0-1"	±6µm	A	**431 $**
380-001-02	0-25mm/0-1"	±6µm	B	**431 $**
380-001-03	0-25mm/0-1"	±6µm	C	**431 $**
380-001-04	0-25mm/0-1"	±6µm	D	**431 $**

Uygulama



341 SERİSİ

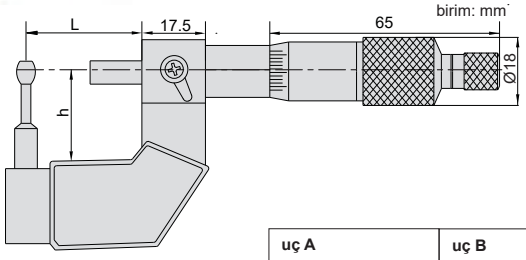
MEKANİK SİLİNDİRİK UÇLU BORU ET KALINLIĞI MİKROMETRESİ

- Boru et kalınlığı ölçümü
- Okuma: 0.01mm
- Karbür ölçüm yüzeyleri
- Kilitleme vidası
- Setleme mastarları (dahil (**0-25mm hariç**)



341-001-04

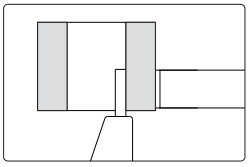
birim: mm



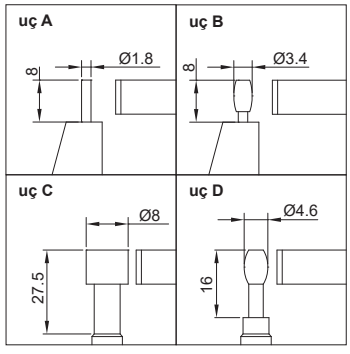
Setleme mastarları (dahil)



Uygulama



Kod	Aralık	Uç	Hassasiyet	h	L	Setleme mastarları	Fiyat
341-001-01	0-25mm	A	6µm	24	31	-	**116 $**
341-002-01	25-50mm	A	6µm	32	57	25mm	**137 $**
341-001-02	0-25mm	B	6µm	24	31	-	**116 $**
341-002-02	25-50mm	B	6µm	32	57	25mm	**137 $**
341-001-03	0-25mm	C	6µm	24	31	-	**116 $**
341-001-04	0-25mm	D	6µm	24	31	-	**116 $**

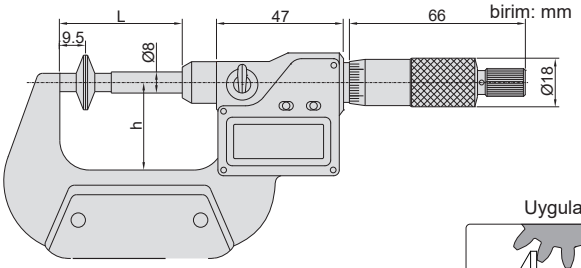


332 SERİSİ DİJİTAL DİSK UÇLU MİKROMETRE

Veri çıkışı

- Dişlerin kök teğet ölçümü
- Çözünürlük: 0.001mm/0.00005"
- Sabit mil
- Butonlar: on/off, set, mm/inch, ABS/INC, veri çıkışı
- Otomatik kapanma
- Veri çıkışı
- Kilitleme vidası
- Setleme mastarları dahil
  (**332-001-01 hariç**)

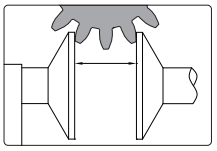




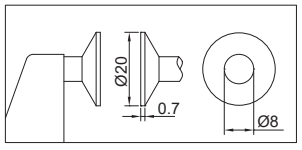
Setleme mastarları (dahil)



Uygulama

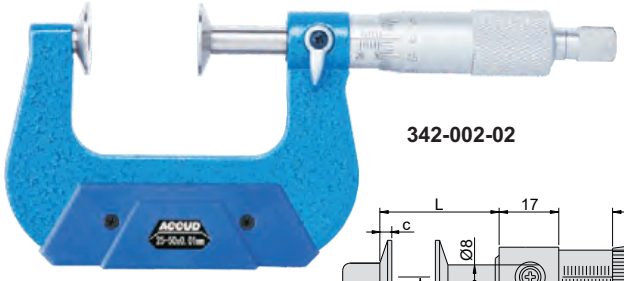


Kod	Aralık	Hassasiyet	L	h	Setleme mastarları	Fiyat
332-001-01	0-25mm/0-1"	±4µm	43	32	-	**566 $**
332-002-01	25-50mm/1-2"	±4µm	68	44.5	25mm	**622 $**
332-003-01	50-75mm/2-3"	±5µm	93	57	50mm	**697 $**
332-004-01	75-100mm/3-4"	±5µm	118.5	70	75mm	**768 $**
332-005-01	100-125mm/4-5"	±6µm	144	82	100mm	**826 $**
332-006-01	125-150mm/5-6"	±6µm	169.5	94.5	125mm	**905 $**

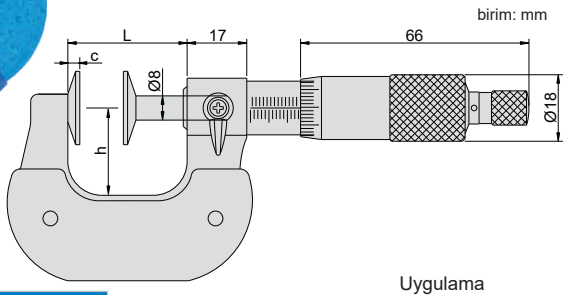


342 SERİSİ MEKANİK DİSK UÇLU MİKROMETRE

- Dişlerin kök teğet ölçümü
- Okuma: 0.01mm
- Kilitleme vidası
- Setleme mastarları dahil
  (0-25mm hariç)



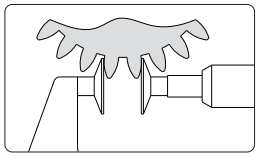
342-002-02



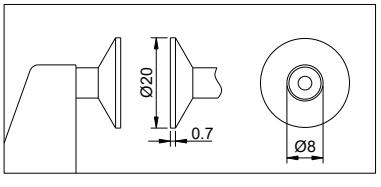
Setleme mastarları (dahil)



Uygulama



Kod	Aralık	Hassasiyet	L	h	c	Setleme mastarları	Fiyat
342-001-02	0-25mm	4µm	34	24	3.3	-	**172 $**
342-002-02	25-50mm	4µm	59	32	3.3	25mm	**211 $**
342-003-02	50-75mm	5µm	85	45	3.3	50mm	**244 $**
342-004-02	75-100mm	5µm	110	57	3.3	75mm	**288 $**
342-005-02	100-125mm	6µm	138	70	4.3	100mm	**404 $**
342-006-02	125-150mm	6µm	163	82	4.3	125mm	**436 $**
342-007-02	150-175mm	7µm	188	95	4.3	150mm	**498 $**
342-008-02	175-200mm	7µm	214	107	4.3	175mm	**518 $**



350 SERİSİ DİJİTAL SAC METAL MİKROMETRESİ

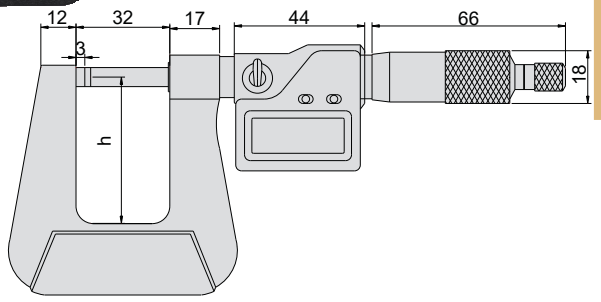
Veri çıkışı

- Sac metal, kağıt ve ince plastiklerin kalınlık ölçümü için
- Çözünürlük: 0.001mm/0.00005"
- IP65 koruma
- Butonlar: on/off, mm/inch,set, zero, ABS/INC,veri çıkışı
- Otomatik kapanma
- Veri çıkışı
- Karbür ölçüm yüzeyleri, kilitleme vidası

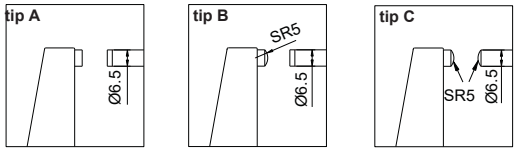


350-001-11

birim: mm

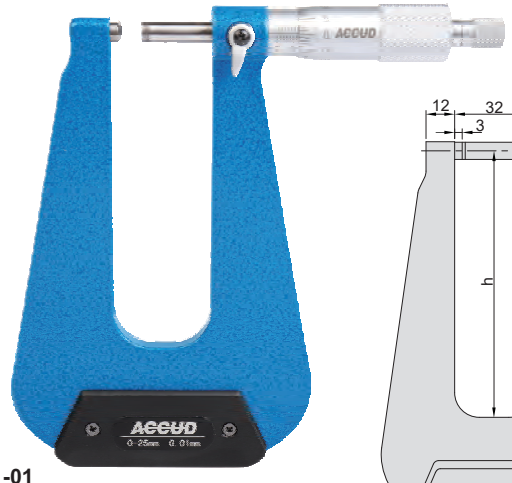


Kod	Aralık	Hassasiyet	Tip	h	Fiyat
350-001-11	0-25mm/0-1"	±3µm	A	50	456 $
350-001-12	0-25mm/0-1"	±5µm	A	100	449 $
350-001-13	0-25mm/0-1"	±7µm	A	150	459 $
350-001-21	0-25mm/0-1"	±3µm	B	50	440 $
350-001-22	0-25mm/0-1"	±5µm	B	100	464 $
350-001-23	0-25mm/0-1"	±7µm	B	150	475 $
350-001-31	0-25mm/0-1"	±3µm	C	50	456 $
350-001-32	0-25mm/0-1"	±5µm	C	100	464 $
350-001-33	0-25mm/0-1"	±7µm	C	150	475 $



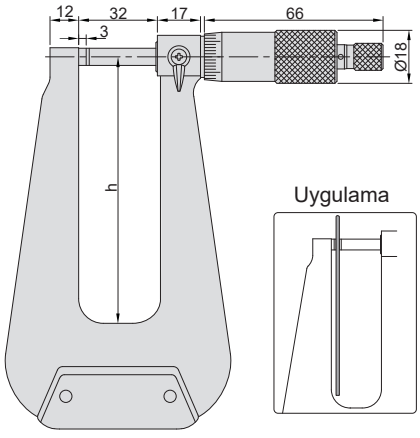
336 SERİSİ MEKANİK SAC METAL MİKROMETRESİ

- Sac metal, kağıt ve ince plastiklerin kalınlık ölçümü için
- Okuma: 0.01mm
- Kilitleme vidası
- Karbür ölçüm yüzeyleri



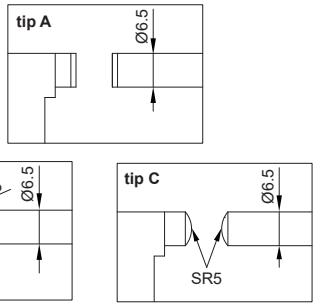
336-001-01

birim: mm



Uygulama

Kod	Aralık	Hassasiyet	Tip	h	Fiyat
336-001-11	0-25mm	4µm	A	50	208 $
336-001-21	0-25mm	4µm	B	50	208 $
336-001-31	0-25mm	4µm	C	50	208 $
336-001-01	0-25mm	7µm	B	100	230 $
336-001-02	0-25mm	7µm	A	155	262 $
336-001-03	0-25mm	7µm	B	155	262 $
336-001-04	0-25mm	7µm	C	155	262 $
336-001-05	0-25mm	10µm	B	310	338 $



361 SERİSİ DİJİTAL 3 NOKTA TEMASLI İÇ ÇAP MİKROMETRESİ

Veri çıkışı

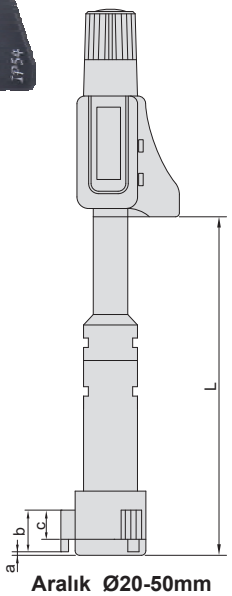
IP54

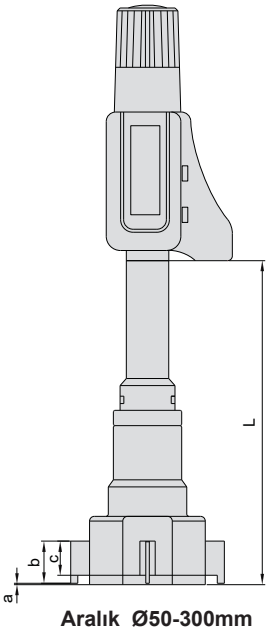
VIDEO

- Çözünürlük: 0.001mm/0.00005"
- IP54 koruma
- Butonlar: on/off, set, mm/inch,ABS/ INC, veri çıkışı
- Otomatik kapanma
- Veri çıkışı
- Kilitleme vidası
- Karbür ölçüm yüzeyleri (12mm üzeri)
- Uzatma milleri dahil
- Setleme mastarları dahil (Aralık<100mm)

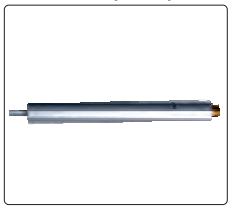
birim: mm







uzatma mili**(dahil)**



setleme mastarı

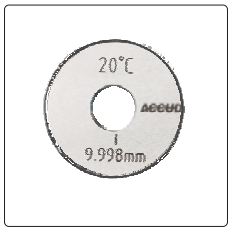


Kod	Aralık	Hassasiyet	Setleme mastarı	Uzatma mili	a	b	c	L	Fiyat
361-001-01	6-8mm/0.24-0.31"	4µm	Ø6mm (dahil)	100mm	1.5	2.5	/	54.5	**863 $**
361-002-01	8-10mm/0.31-0.4"	4µm	Ø8mm(dahil)	100mm	1.5	2.5	/	63	**868 $**
361-003-01	10-12mm/0.4-0.47"	4µm	Ø10mm(dahil)	100mm	1.5	2.5	/	63	**889 $**
361-004-01	12-16mm/0.47-0.63"	4µm	Ø16mm(dahil)	150mm	0.5	6	4.5	80	**933 $**
361-005-01	16-20mm/0.63-0.8"	4µm	Ø16mm(dahil)	150mm	0.5	6	4.5	80	**935 $**
361-006-01	20-25mm/0.8-1"	4µm	Ø25mm(dahil)	150mm	0.5	8	6	105	**1003 $**
361-007-01	25-30mm/1-1.2"	4µm	Ø25mm(dahil)	150mm	0.5	8	6	105	**1025 $**
361-008-01	30-40mm/1.2-1.6"	4µm	Ø40mm(dahil)	150mm	0.5	14	12	110	**1095 $**
361-009-01	40-50mm/1.6-2"	5µm	Ø40mm(dahil)	150mm	0.5	14	12	110	**1107 $**
361-010-01	50-63mm/2-2.5"	5µm	Ø62mm(dahil)	150mm	0.5	17.5	14.5	114	**1178 $**
361-011-01	62-75mm/2.5-3"	5µm	Ø62mm(dahil)	150mm	0.5	17.5	14.5	114	**1245 $**
361-012-01	75-88mm/3-3.5"	5µm	Ø87mm(dahil)	150mm	0.5	17.5	14.5	114	**1421 $**
361-013-01	87-100mm/3.5-4"	5µm	Ø87mm(dahil)	150mm	0.5	17.5	14.5	114	**1463 $**
361-014-01	100-125mm/3.94-4.92"	6µm	opsiyonel	150mm	0.9	29	25	175	**1523 $**
361-015-01	125-150mm/4.92-5.91"	6µm	opsiyonel	150mm	0.9	29	25	175	**1662 $**
361-016-01	150-175mm/5.91-6.89"	7µm	opsiyonel	150mm	0.9	29	25	175	**1985 $**
361-017-01	175-200mm/6.89-7.87"	7µm	opsiyonel	150mm	0.9	29	25	175	**1995 $**
361-018-01	200-225mm/7.87-8.86"	8µm	opsiyonel	150mm	0.9	29	25	175	**2290 $**
361-019-01	225-250mm/8.86-9.84"	8µm	opsiyonel	150mm	0.9	29	25	175	**2684 $**
361-020-01	250-275mm/9.84-10.83"	9µm	opsiyonel	150mm	0.9	29	25	175	**3157 $**
361-024-01	275-300mm/10.83-11.81"	9µm	opsiyonel	150mm	0.9	29	25	175	**3725 $**

362 SERİSİ MEKANİK 3 NOKTA TEMASLI İÇ ÇAP MİKROMETRESİ

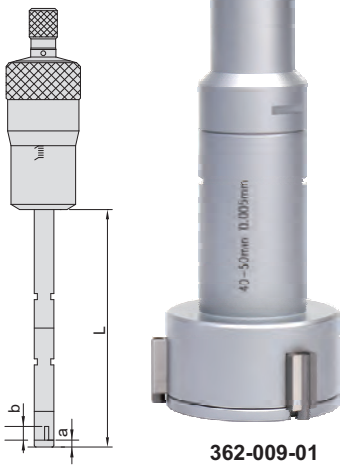
- **6-12mm** okuma: 0.001mm
  Çelik ölçüm yüzeyleri
  12-300mm okuma: 0.005mm
  Karbür ölçüm yüzeyleri
- Kilitleme vidası
- Uzatma milleri dahil
- Setleme mastarları dahil (Aralık<100mm)

setleme mastarı



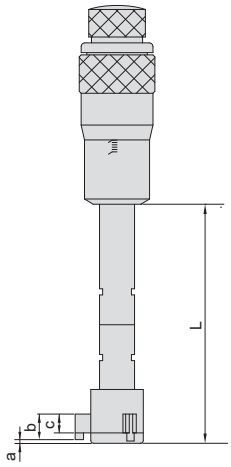
uzatma milleri (dahil)





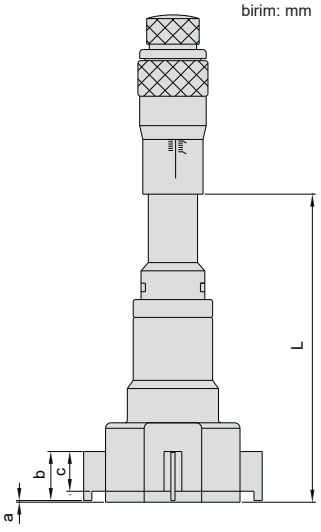
362-009-01

Aralık Ø6-20mm



Aralık Ø20-50mm

birim: mm



Aralık Ø50-300mm

Kod	Aralık	Hassasiyet	Setleme mastarı	Uzatma mili	a	b	c	L	Fiyat
362-001-01	6-8mm	4µm	Ø6mm((dahil)	100mm	1.5	2.5	/	54.5	480 $
362-002-01	8-10mm	4µm	Ø8mm(dahil)	100mm	1.5	2.5	/	54.5	480 $
362-003-01	10-12mm	4µm	Ø10mm(dahil)	100mm	1.5	2.5	/	54.5	480 $
362-004-01	12-16mm	4µm	Ø16mm(dahil)	150mm	0.5	6	4.5	80	488 $
362-005-01	16-20mm	4µm	Ø16mm(dahil)	150mm	0.5	6	4.5	80	498 $
362-006-01	20-25mm	4µm	Ø25mm(dahil)	150mm	0.5	8	6	90	508 $
362-007-01	25-30mm	4µm	Ø25mm(dahil)	150mm	0.5	8	6	90	528 $
362-008-01	30-40mm	4µm	Ø40mm(dahil)	150mm	0.5	14	12	97	569 $
362-009-01	40-50mm	5µm	Ø40mm(dahil)	150mm	0.5	14	12	97	650 $
362-010-01	50-63mm	5µm	Ø62mm(dahil)	150mm	0.5	17.5	14.5	114	701 $
362-011-01	62-75mm	5µm	Ø62mm(dahil)	150mm	0.5	17.5	14.5	114	752 $
362-012-01	75-88mm	5µm	Ø87mm(dahil)	150mm	0.5	17.5	14.5	114	802 $
362-013-01	87-100mm	5µm	Ø87mm(dahil)	150mm	0.5	17.5	14.5	114	841 $
362-014-01	100-125mm	6µm	opsiyonel	150mm	0.9	29	25	140	1034 $
362-015-01	125-150mm	6µm	opsiyonel	150mm	0.9	29	25	140	1231 $
362-016-01	150-175mm	7µm	opsiyonel	150mm	0.9	29	25	140	1293 $
362-017-01	175-200mm	7µm	opsiyonel	150mm	0.9	29	25	140	1560 $
362-018-01	200-225mm	8µm	opsiyonel	150mm	0.9	29	25	140	1865 $
362-019-01	225-250mm	8µm	opsiyonel	150mm	0.9	29	25	140	2241 $
362-020-01	250-275mm	9µm	opsiyonel	150mm	0.9	29	25	140	2686 $
362-024-01	275-300mm	9µm	opsiyonel	150mm	0.9	29	25	140	3170 $

361 SERİSİ
DİJİTAL NOKTA TEMASLI İÇ ÇAP MİKROMETRE SETLERİ

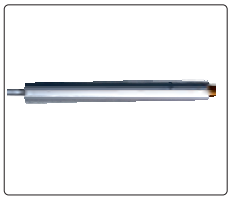
Veri çıkışı

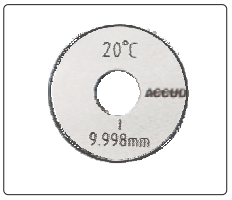
IP67



361-305-03

uzatma mili dahil





Dijital 2 nokta temaslı iç çap mikrometre setleri

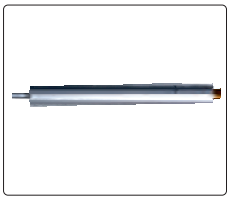
Kod	Aralık	Dahili mikrometreler	Setleme mastarı	Fiyat
361-000-02	2-3mm/0.08-0.12"	2-2.5mm, 2.5-3mm	Ø2.5mm	2598 $
361-000-03	3-6mm/0.12-0.24"	3-4mm, 4-5mm,5-6mm	Ø4mm,Ø5mm,Ø6mm	3404 $

Dijital 3 nokta temaslı iç çap mikrometre setleri

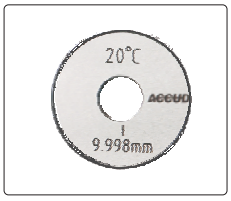
Kod	Aralık	Dahili mikrometreler	Setleme mastarı	Uzatma mili	Fiyat
361-103-03	6-12mm	6-8, 8-10, 10-12mm	Ø6, Ø8, Ø10mm	100mm	2490 $
361-305-03	12-20mm	12-16, 16-20mm	Ø16mm	150mm	1769 $
361-509-05	20-50mm	20-25, 25-30, 30-40, 40-50mm	Ø25mm, Ø40mm	150mm	3729 $
361-913-05	50-100mm	50-63, 62-75, 75-88, 87-100mm	Ø62mm, Ø87mm	150mm	4394 $

362 SERİSİ
MEKANİK NOKTA TEMASLI İÇ ÇAP MİKROMETRE SETLERİ

uzatma mili dahil



setleme mastarı dahil





362-913-05

Mekanik 2 nokta temaslı iç çap mikrometre seti

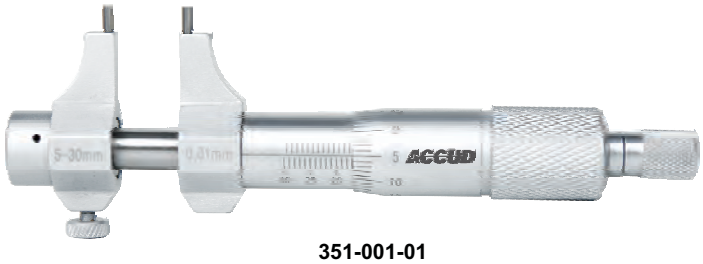
Kod	Aralık	Dahili mikrometreler	Setleme mastarları	Fiyat
362-000-02	2-3mm	2-2.5mm, 2.5-3mm	Ø2.5mm	2903 $
362-000-03	3-6mm	3-4mm, 4-5mm,5-6mm	Ø4mm,Ø5mm,Ø6mm	2395 $

Mekanik 3 nokta temaslı iç çap mikrometre seti

Kod	Aralık	Dahili mikrometreler	Setleme mastarı	Uzatma mili	Fiyat
362-103-03	6-12mm	6-8, 8-10, 10-12mm	Ø6, Ø8, Ø10mm	100mm	1366 $
362-305-03	12-20mm	12-16, 16-20mm	Ø16mm	150mm	799 $
362-509-05	20-50mm	20-25, 25-30, 30-40, 40-50mm	Ø25mm, Ø40mm	150mm	2048 $
362-913-05	50-100mm	50-63, 62-75, 75-88, 87-100mm	Ø62mm, Ø87mm	150mm	2680 $

351 SERİSİ MEKANİK İÇ ÇAP MİKROMETRESİ

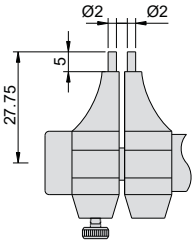
- Okuma: 0.01mm
- Karbür ölçüm yüzeyleri
- Kilitleme vidası

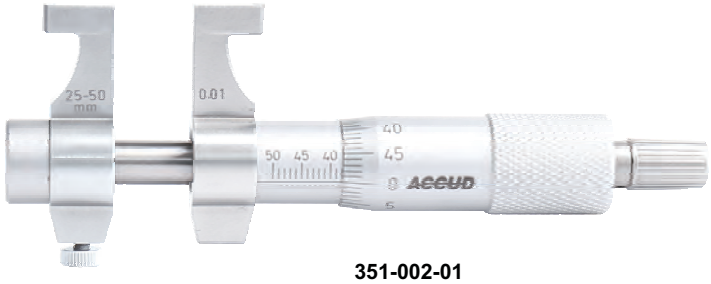


351-001-01

tip A

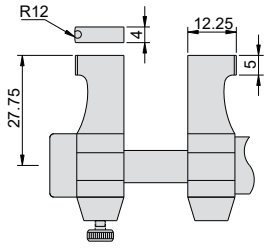
birim: mm

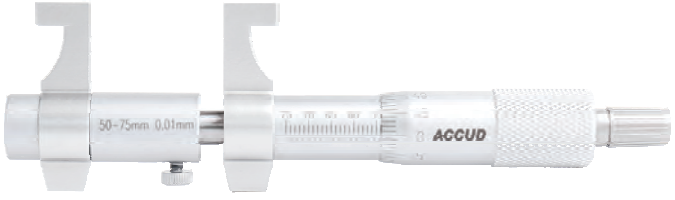




351-002-01

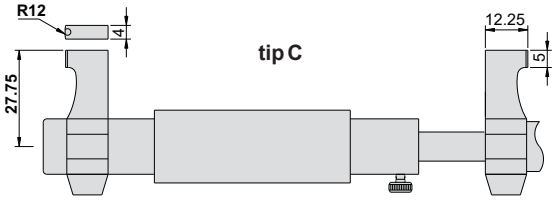
tip B





351-003-01

tip C

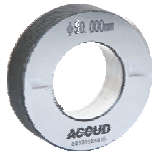


Kod	Aralık	Hassasiyet	Tip	Setleme mastarı	Fiyat
351-001-01	5-30mm	5µm	A	5mm	**149 $**
351-002-01	25-50mm	6µm	B	25mm	**153 $**
351-003-01	50-75mm	7µm	C	opsiyonel	**181 $**
351-004-01	75-100mm	8µm	C	opsiyonel	**207 $**
351-005-01	100-125mm	9µm	C	opsiyonel	**281 $**
351-006-01	125-150mm	9µm	C	opsiyonel	**313 $**
351-007-01	150-175mm	10µm	C	opsiyonel	**337 $**
351-008-01	175-200mm	10µm	C	opsiyonel	**365 $**
351-009-01	200-225mm	11µm	C	opsiyonel	**414 $**
351-010-01	225-250mm	11µm	C	opsiyonel	**451 $**
351-011-01	250-275mm	12µm	C	opsiyonel	**510 $**
351-012-01	275-300mm	14µm	C	opsiyonel	**537 $**

setleme mastarı



Aralık<50mm **(dahil)**



Aralık>50mm **(opsiyonel)**

356 SERİSİ DİJİTAL İÇ ÇAP MİKROMETRESİ

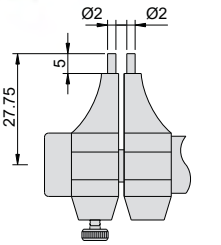
Veri çıkışı

- Çözünürlük: 0.001mm/0.00005"
- Butonlar: on/off, set, mm/inch,ABS/ INC, veri çıkışı
- Otomatik kapanma
- Veri çıkışı
- Kilitleme vidası
- Setleme mastarları dahil



356-001-01

tip A birim:mm



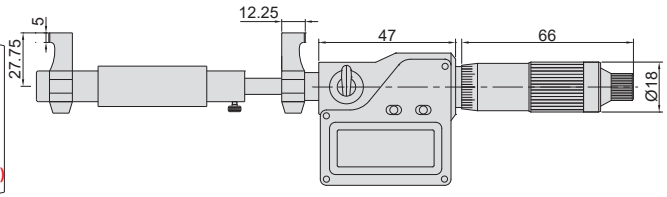
Setleme mastarı



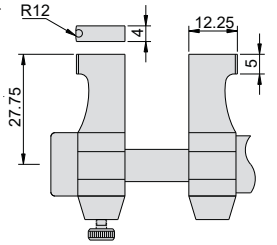
Aralık<50mm **(dahil)**



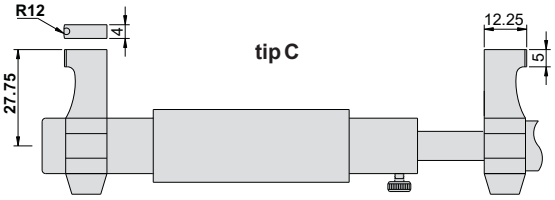
Aralık>50mm **(opsiyonel)**



tip B



Kod	Aralık	Hassasiyet	Tip	Setleme mastarı	Fiyat
356-001-01	5-30mm/0.2-1.2"	±5µm	A	dahil	**462 $**
356-002-01	25-50mm/1-2"	±6µm	B	dahil	**508 $**
356-003-01	50-75mm/2-3"	±7µm	C	opsiyonel	**609 $**
356-004-01	75-100mm/3-4"	±8µm	C	opsiyonel	**630 $**
356-005-01	100-125mm/4-5"	±9µm	C	opsiyonel	**660 $**
356-006-01	125-150mm/5-6"	±9µm	C	opsiyonel	**711 $**
356-007-01	150-175mm/6-7"	±10µm	C	opsiyonel	**762 $**
356-008-01	175-200mm/7-8"	±10µm	C	opsiyonel	**812 $**



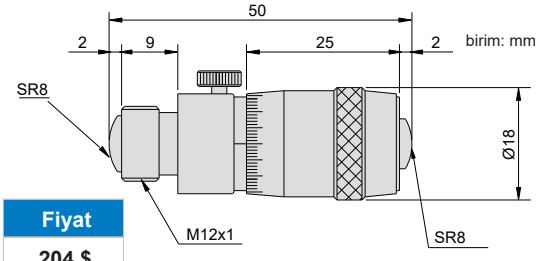
352 SERİSİ BORU TİPİ İÇ ÇAP MİKROMETRESİ

- Okuma: 0.01mm
- Mikrometre kafası hareketi: 13mm
- Hassasiyet: (3+n+L/50)µm, n: mil sayısı, L: maks. boy
- Setleme mastarları dahil
- Karbür ölçüm yüzeyleri



352-006-01





Kod	Aralık	Uzatma milleri (mm)	Fiyat
352-002-01	50-63mm	—	**204 $**
352-006-01	50-150mm	13, 25, 50	**238 $**
352-012-01	50-300mm	13, 25, 50(2adet), 100	**295 $**
352-020-01	50-500mm	13, 25, 50(2adet), 100, 200	**377 $**
352-024-01	50-600mm	13, 25, 50, 100, 150, 200	**386 $**
352-040-01	50-1000mm	13, 25, 50(2adet), 100, 200(2adet), 300	**767$**
352-060-01	50-1500mm	13, 25, 50(2adet), 100, 200(3adet), 300(2adet)	**1081 $**

Sıfırlama

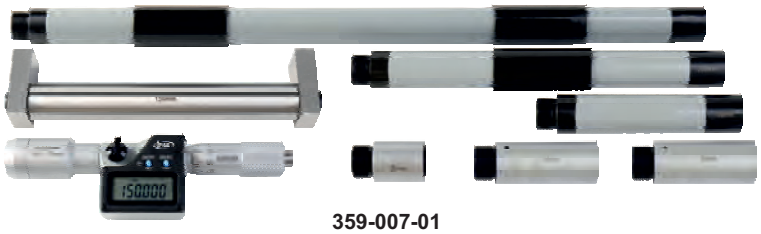


359 SERİSİ DİJİTAL BORU TİPİ İÇ ÇAP MİKROMETRESİ

Veri çıkışı

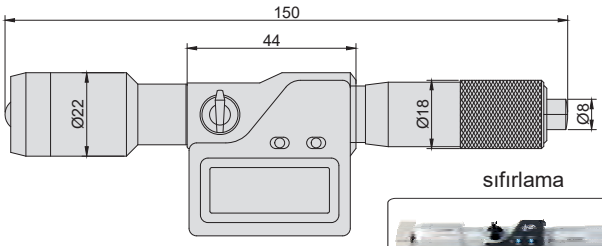
IP65

- Mikrometre kafası: 150-175mm
- Okuma:0.001mm/0.00005"
- Hassasiyet:(3+n+L/50)µm
  n= mil sayısı
  L=maks. boy (mm)
- Karbür ölçüm yüzeyleri
- Uzatma mil çapı: 22mm
- IP65 koruma
- Butonlar: on/off, set, mm/inch, ABS/INC
- Veri çıkışı
- Otomatik kapanma
- Setlem mastarları dahil



359-007-01

birim: mm



sıfırlama

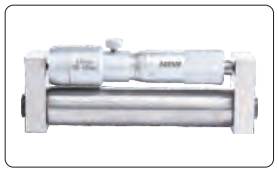


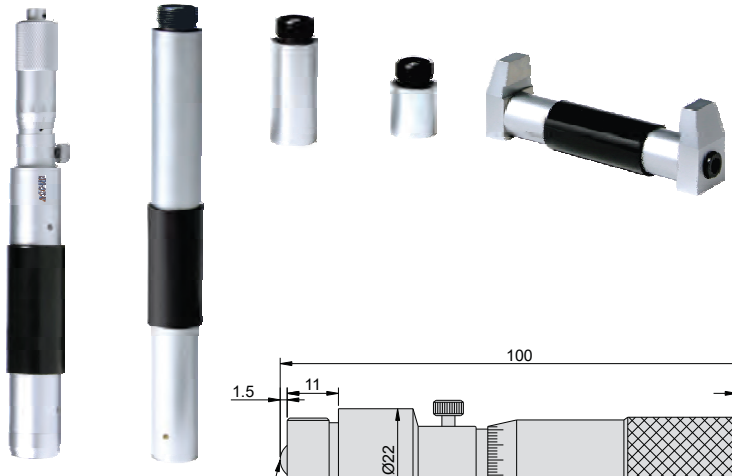
Kod	Aralık	Mikrometre kafası hareketi	Uzatma milleri	Fiyat
359-007-01	150-175mm	25mm	—	689 $
359-040-01	150-1000mm	25mm	25, 50(2pcs), 100, 200,400	1441 $
359-060-01	150-1500mm	25mm	25, 50(2adet), 100(2adet), 200, 400(2adet)	2266 $
359-080-01	150-2000mm	25mm	25, 50(2adet), 100, 200(2adet), 400(3adet)	2579 $

353 SERİSİ BORU TİPİ İÇ ÇAP MİKROMETRESİ

- Okuma 0.01mm
- Hassasiyet: (3+n+L/50)µm
  n: mil sayısı,
  L: maks. ölçüm boyu (mm)
- Mikrometre kafası hareketi: 25mm
- Setleme mastarları dahil
- Karbür ölçüm yüzeyleri

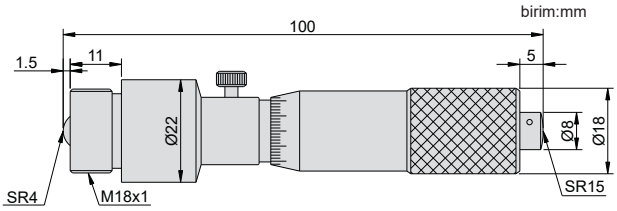
Sıfırlama





353-020-01

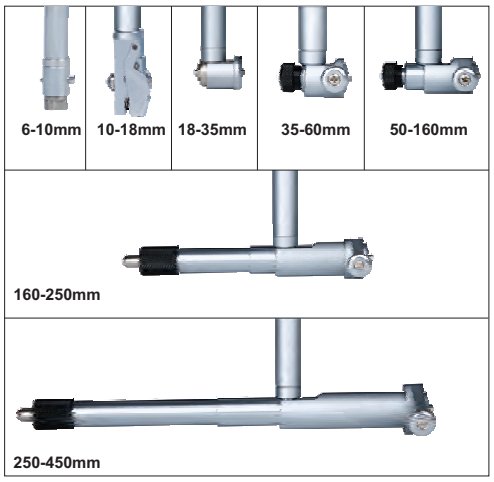
birim:mm



Kod	Aralık	Uzatma milleri (mm)	Fiyat
353-005-01	100-125mm	—	517 $
353-020-01	100-500mm	25, 50, 100, 200	785 $
353-036-01	100-900mm	25, 50, 100, 200, 400	1047 $
353-052-01	100-1300mm	25, 50, 100, 200, 400(2adet)	1583 $
353-068-01	100-1700mm	25, 50, 100, 200, 400(3adet)	1878 $
353-084-01	100-2100mm	25, 50 100, 200, 400(4adet)	2173 $

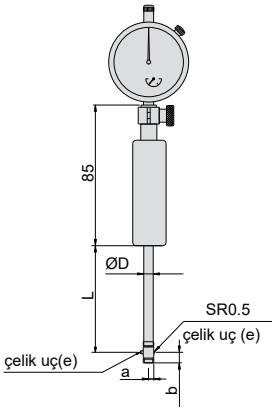
251 SERİSİ MEKANİK SİLİNDİR KOMPARATÖRÜ

- Ahşap sap ısı iletimini izole eder
- Opsiyonel aksesuar: 531 serisi set mastarı

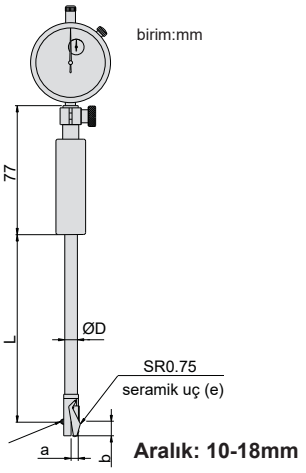




251-160-11



Aralık: 6-10mm

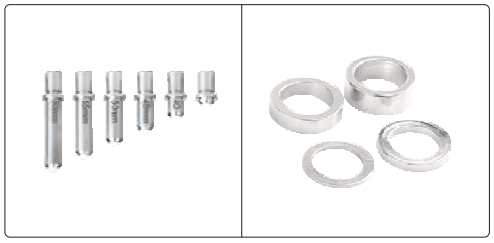


Aralık: 10-18mm

Setleme aparatı **(opsiyonel)**



Ölçüm uçları (dahil)



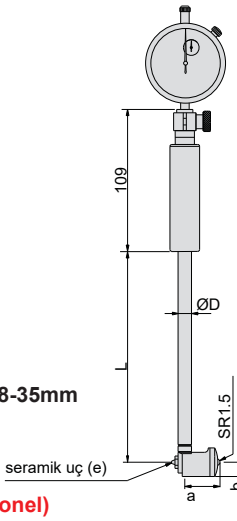
Setleme mastarı **(opsiyonel)**



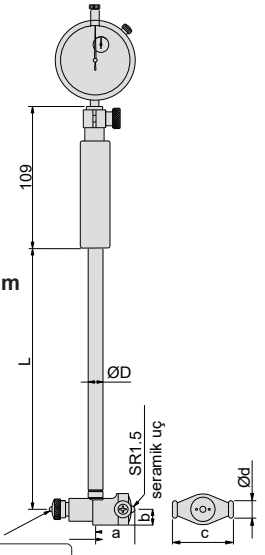
pul (dahil)

215 serisi **(opsiyonel)**

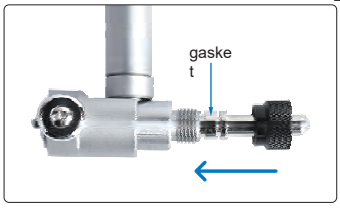




Aralık: 18-35mm



Aralık: 35-450mm



Kod	Aralık	Mekanik Saat	Uçlar	Pul	Hassasiyet	Tekrarlanabilirlik	a	b	c	Ød	ØD	e	L	Fiyat
251-010-11	6-10mm	Aralık: 3 mm Okuma: 0.01mm	9adet	2adet	±0.012mm	3µm	3.6	5.7	/	/	4.5	SR1	48	**300 $**
251-018-11	10-18mm		9adet	2adet	±0.012mm	3µm	5.6	7.8	/	/	6	SR1	105	**272 $**
251-035-11	18-35mm	Aralık: 10mm Okuma: 0.01mm	9adet	2adet	±0.015mm	3µm	12.2	6.4	/	12.7	9	SR1	141	**172 $**
251-060-11	35-60mm		6adet	4adet	±0.018mm	3µm	26	9	27	13	12.8	SR2	141	**170 $**
251-100-11	50-100mm		11adet	4adet	±0.018mm	3µm	26	9	35	13	12.8	SR2	141	**239 $**
251-160-11	50-160mm		12adet	4adet	±0.018mm	3µm	26	9	35	13	12.8	SR2	141	**170 $**
251-160-12	100-160mm		12adet	4adet	±0.018mm	3µm	26	9	35	13	12.8	SR2	141	**239 $**
251-250-11	160-250mm		5adet	5adet	±0.018mm	3µm	56.5	13	74.5	15	14.5	SR3.5	400	**275 $**
251-450-11	250-450mm		5adet	5adet	±0.018mm	3µm	86.5	15	101.5	15	14.5	SR3.5	400	**391 $**

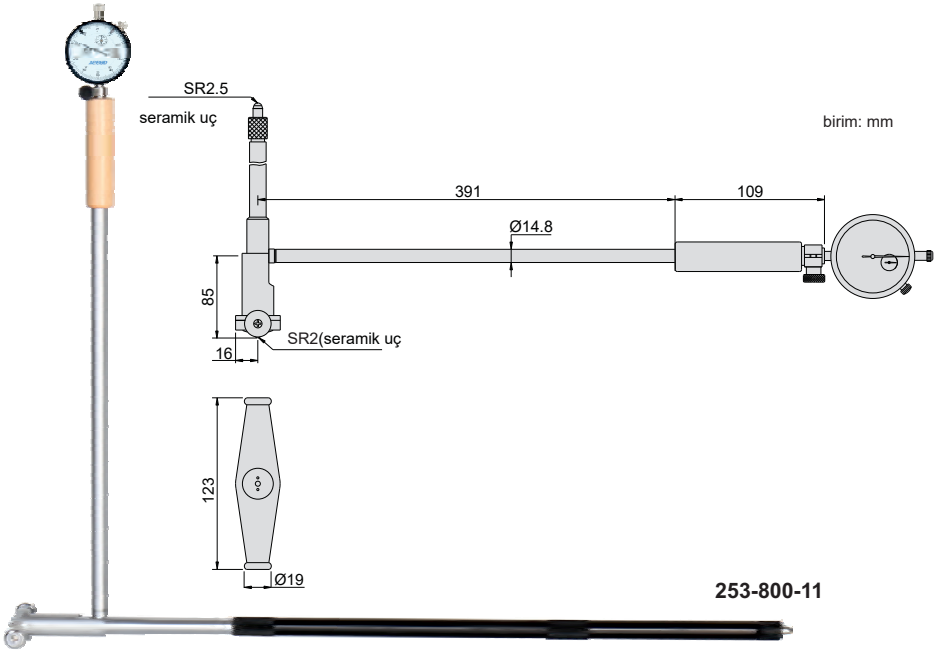
Kod	Aralık	Saat	Hassasiyet	Tekrarlanabilirlik	İçeriği	Fiyat
251-046-11	35-160mm	aralık: 10mm okuma: 0.01mm	35-50mm ±0.018mm 50-160mm ±0.018mm	0.003mm	35-50mm uç (saat ve tutucu hariç) 50-160mm silindir komparatörü	**335 $**
251-346-13	18-160mm	aralık: 10mm okuma: 0.01mm	18-35mm ±0.015mm 35-60mm ±0.018mm 50-160mm ±0.018mm	0.003mm	18-35mm silindir komparatörü 35-60mm (saat hariç) 50-160mm (saat hariç)	**488 $**

243/253 SERİSİ

SİLİNDİR KOMPARATÖRÜ BÜYÜK ÖLÇÜLER

Dijital saat
243-800-11





Kod	Aralık	Hassasiyet	Tekrarlanabilirlik	Saat	Fiyat
253-800-11	400-800mm	±0.025mm	0.003mm	Mekanik saat (Kod: 222-010-12) Aralık: 10mm, Okuma: 0.01mm	**574 $**
243-800-11	400-800mm	±0.025mm	0.003mm	Dijital saat (Kod:215-010-12) Aralık: 12.7mm, Çözünürlük 0.002mm/0.0001"	**712 $**

244/254 SERİSİ

SİLİNDİR KOMPARATÖRÜ

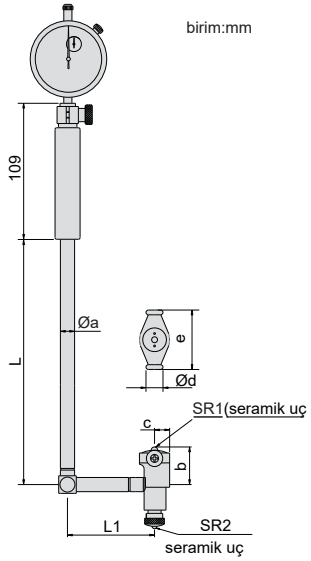
- Hassasiyet: 0.018mm
- Tekrarlanabilirlik: 0.003mm

244 serisi için
dijital komparatör





254-060-11



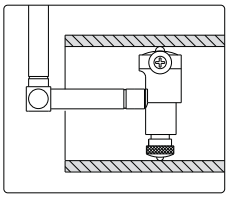
Mekanik

Kod	Aralık	Saat	Fiyat
254-060-11	35-60mm	mekanik saat: (Kod: 222-010-12) aralık10mm, okuma 0.01mm	**337 $**
254-160-11	50-160mm		**342 $**
254-250-11	160-250mm		**460 $**
254-450-11	250-450mm		**479 $**

Dijital

Kod	Aralık	Saat	Fiyat
244-060-11	35-60mm	dijital saat. (Kod: 215-010-12) aralık: 12.7mm/0.5", okuma: 0.002mm/0.0001"	**546 $**
244-160-11	50-160mm		**550 $**
244-250-11	160-250mm		**636 $**
244-450-11	250-450mm		**669 $**

Aralık	Øa	b	c	Ød	e	L	L1
35-60mm	12.8	22	9	13	27	141	75
50-160mm	12.8	28.5	9.2	13	35	141	76.2
160-250mm	14.5	62.0	12.7	15	74.5	391	100
250-450mm	14.5	91.5	15.0	15	101.5	391	100



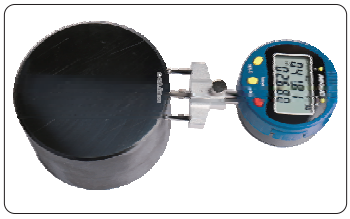
296 DİJİTAL RADYÜS ÖLÇER

Veri çıkışı

CR2032

- İç ve dış açıların yarı çap ölçümü
- Hassasiyet: ±0.01R,
  R: Ölçülecek radyüs
- Veri çıkışı: (kablo kodu: 200-01 veya 200-02)
- Farklı açılar için 5 farklı çene dahil

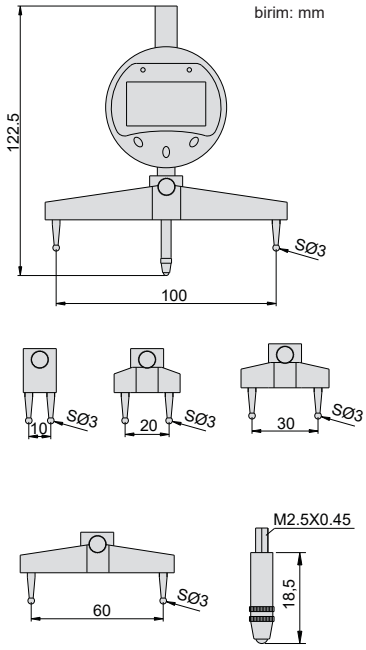
Dış



İç







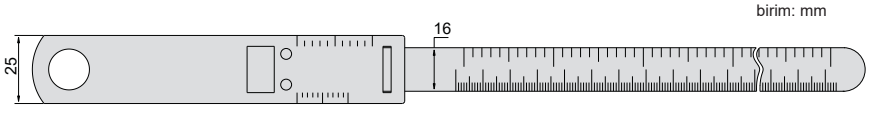
Kod	Radyüs aralığı	Çözünürlük	Fiyat
296-700-11	5-700mm/0.2-27.5"	0.01mm/0.001"	**706 $**

956 SERİSİ PİMETRELER

- Çap ve çevre ölçümü için
- Okuma: 0.1mm
- Hassasiyet::
  Çevre:±1.5mm
  Çap:: ±0.5mm
  Lazer ile kazınmış ölçek
- Paslanmaz çelik



956-012-11



Kod	Aralık		Fiyat
	Çap	Çevre	
956-012-11	20 - 300mm	60 - 950mm	**74 $**
956-028-11	300 - 700mm	940 - 2200mm	**84 $**
956-044-11	700 - 1100mm	2190 - 3460mm	**101 $**

210 SERİSİ DİJİTAL KOMPARATÖR SAATİ

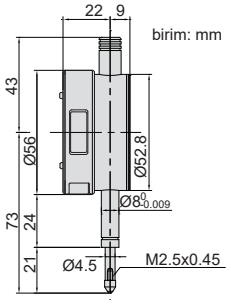
Sertifika | Veri çıkışı | CR2032

- Butonlar: tolerans girişi, preset değeri, inch/mm çevrimi, ölçüm yönü, max./min./ aralık ölçümü, mutlak/inkremental ölçümü
- Veri çıkışı:(kablo kodu:200-03 veya 200-04)
- Otomatik kapanma
- Düz ve kulaklı kapak

VIDEO



210-010-03



Aralık: 0 -12.7mm

Çözünürlük: 0.001mm/0.00005"

Kod	Aralık	Hassasiyet	Histerezis	Fiyat
210-010-03	12.7mm/0.5"	5µm	2µm	330 $
210-025-03	25.4mm/1"	5µm	3µm	416 $
210-050-03	50.8mm/2"	6µm	3µm	609 $

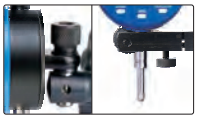
Çözünürlük: 0.01mm/0.0005"

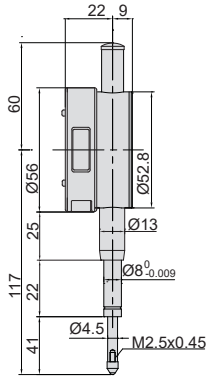
Kod	Aralık	Hassasiyet	Histerezis	Fiyat
210-010-13	12.7mm/0.5"	20µm	10µm	156 $
210-025-13	25.4mm/1"	20µm	10µm	214 $
210-050-13	50.8mm/2"	30µm	10µm	498 $

uç (opsiyonel)

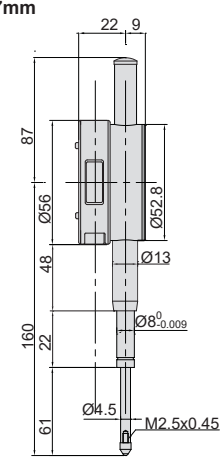


Uygulama





Aralık: 0-25.4mm



Aralık: 0-50.8mm

211 SERİSİ DİJİTAL KOMPARATÖR SAATİ

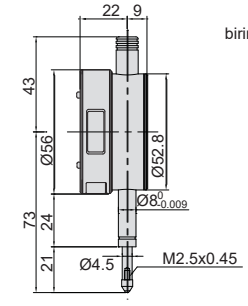
Sertifika | Veri çıkışı | CR2032

- Analog gösterge
- Butonlar: tolerans girişi, preset değeri, inch/mm çevrimi, ölçüm yönü, max./ min./aralık ölçümü, mutlak/inkremental ölçümü
- Veri çıkışı:(kablo kodu:200-03 veya
- 200-04) Otomatik kapanma
- Düz ve kulaklı kapak

VIDEO



211-010-13



Aralık: 0-12.7mm

Çözünürlük: 0.001mm/0.00005"

Kod	Aralık	Hassasiyet	Histerezis	Fiyat
211-010-03	12.7mm/0.5"	5µm	2µm	355 $
211-025-03	25.4mm/1"	5µm	3µm	405 $
211-050-03	50.8mm/2"	6µm	3µm	686 $

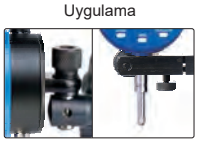
Çözüürlük: 0.01mm/0.0005"

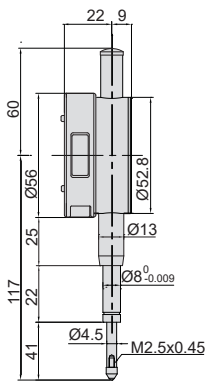
Kod	Aralık	Hassasiyet	Histerezis	Fiyat
211-010-13	12.7mm/0.5"	20µm	10µm	184 $
211-025-13	25.4mm/1"	20µm	10µm	254 $
211-050-13	50.8mm/2"	30µm	10µm	533 $

uç (opsiyonel)

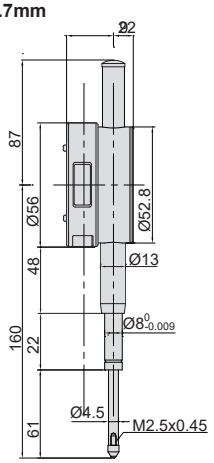


Uygulama





Aralık: 0-25.4mm



Aralık: 0-50.8mm

212 SERİSİ DİJİTAL KOMPARATÖR SAATİ

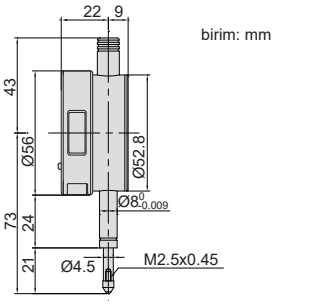
Serifika · Veri çıkışı · CR2032

- Butonlar: preset değeri, inch/mm çevrimi, ölçüm yönü, max./min./aralık ölçümü,mutlak/ inkremental ölçümü
- Veri çıkışı:(kablo kodu:200-03 veya 200-04)
- Otomatik kapanma
- Düz ve kulaklı kapak

VIDEO



212-010-13



Aralık: 0-12.7mm

Çözünürlük: 0.001mm/0.00005"

Kod	Aralık	Hassasiyet	Histerezis	Fiyat
212-010-03	12.7mm/0.5"	5µm	2µm	262 $
212-025-03	25.4mm/1"	5µm	3µm	361 $
212-050-03	50.8mm/2"	6µm	3µm	660 $

Çözünürlük: 0.01mm/0.0005"

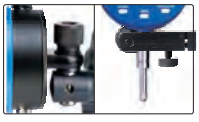
Kod	Aralık	Hassasiyet	Histerezis	Fiyat
212-010-13	12.7mm/0.5"	20µm	10µm	116 $
212-025-13	25.4mm/1"	20µm	10µm	188 $
212-050-13	50.8mm/2"	30µm	10µm	457 $

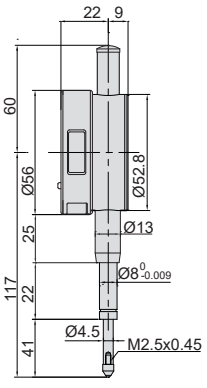
uç (opsiyonel)



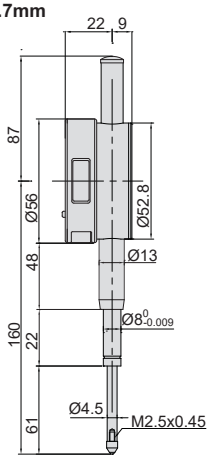
270 serisi

Uygulama





Aralık: 0-25.4mm



Aralık: 0-50.8mm

215 SERİSİ SİLİNDİR KOMPARATÖRLERİ İÇİN DİJİTAL KOMPARATÖR SAATİ

Sertifika · Veri çıkışı · CR2032

- Silindir komparatörleri için özel tasarım
- Otomatik min. değeri yakalama ile çap ölçümü
- Setleme mastarı değeri girdikten sonra hemen çap ölçümü
- Dijital ve analog değer okuma
- Butonlar: minimum değer yakalama, kalibrasyon, veri girişi, inch/metric çevrimi, mutlak/inkremental ölçümü
- Otomatik kapanma
- Veri çıkışı: (kablo kodu:200-03 veya 200-04)

VIDEO

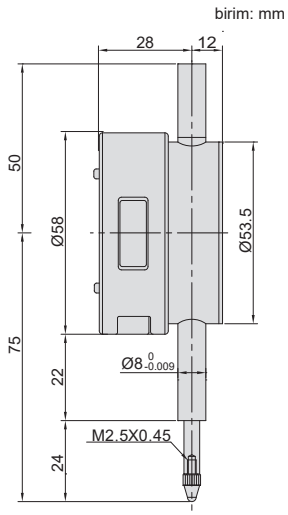


251 Serisi (opsiyonel)

Uygulama



215-010-12



Çözünürlük:0.001mm/0.00005"

Kod	Aralık	Hassasiyet(fges)	Histerezis(fu)	Kapak	Fiyat
215-010-02	12.7mm/0.5"	5µm	2µm	düz	500 $

Resolution 0.002mm/0.0001"

Kod	Aralık	Hassasiyet(fges)	Histerezis(fu)	Kapak	Fiyat
215-010-12	12.7mm/0.5"	20µm	10µm	düz	272 $

214 SERİSİ DİJİTAL KOMPARATÖR SAATİ

Sertifika | Veri çıkışı | CR2032

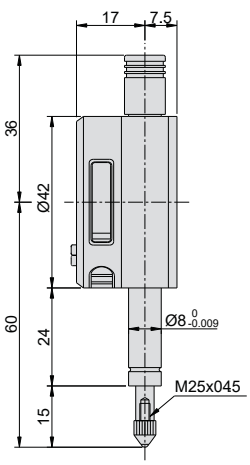
- Butonlar: preset değeri,inch/mm çevrimi, ölçüm yönü, max./min./aralık ölçümü absolute/incremental ölçümü
- Veri çıkışı:(kablo kodu:200-01 veya
- 200-02) Otomatik kapanma
- Düz ve kulaklı kapak

VIDEO

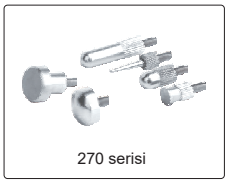


214-005-12

birim:mm



Uç (opsiyonel)



Uygulama



Çözünürlük: 0.001mm/0.00005"

Kod	Aralık	Hassasiyet	Histerezis	Fiyat
214-005-02	5mm/0.2"	5µm	3µm	349 $

Çözünürlük: 0.01mm/0.0005"

Kod	Aralık	Hassasiyet	Histerezis	Fiyat
214-005-12	5mm/0.2"	20µm	10µm	166 $

214 SERİSİ DİJİTAL KOMPARATÖR SAATİ

Veri çıkışı | CR2032

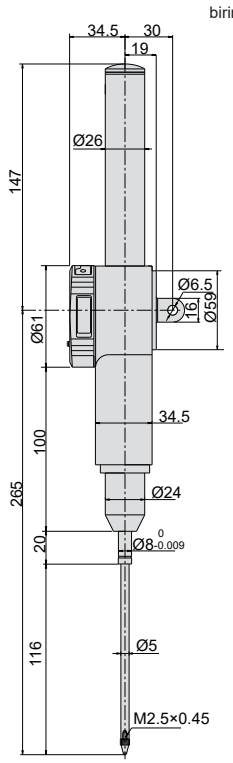
- Butonlar: preset değeri,inch/mm çevrimi, ölçüm yönü, max./min./aralık ölçümü absolute/incremental ölçümü
- Veri çıkışı:(kablo kodu:200-01 veya
- 200-02) Otomatik kapanma
- Düz ve kulaklı kapak

VIDEO

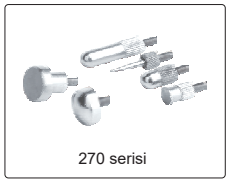


214-100-11

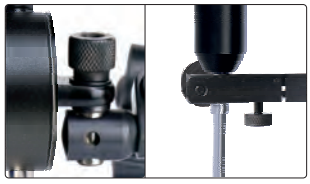
birim: mm



Uç (opsiyonel)



Uygulama



Çözünürlük: 0.001mm/0.00005"

Kod	Aralık	Hassasiyet	Histerezis	Fiyat
214-100-01	100mm/4"	9µm	3µm	1886 $

Çözünürlük: 0.01mm/0.0005"

Kod	Aralık	Hassasiyet	Histerezis	Fiyat
214-100-11	100mm/4"	30µm	10µm	976 $

227 SERİSİ KALDIRMA KOLLU DİJİTAL KOMPARATÖR SAATİ

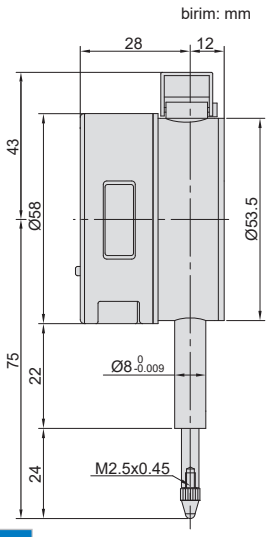
Veri çıkışı | CR2032

- Butonlar: preset değeri,inch/mm çevrimi, ölçüm yönü, max./min./aralık ölçümü absolute/incremental ölçümü
- Veri çıkışı:(kablo kodu:200-03 veya 200-04)
- Otomatik kapanma

VIDEO



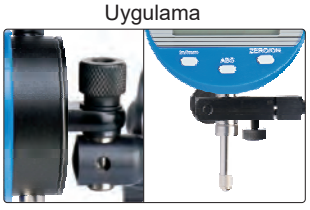
227-010-12



Uç (opsiyonel)



Uygulama



Çözünürlük: 0.001mm/0.00005"

Kod	Aralık	Hassasiyet(fges)	Histerezis(f_u)	Kapak	Fiyat
227-010-02	10mm/0.4"	5µm	2µm	düz	370 $

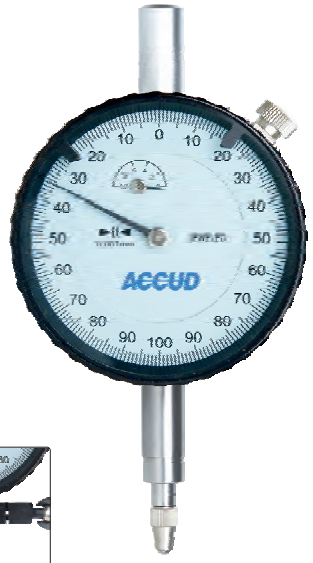
Çözünürlük: 0.01mm/0.0005"

Kod	Aralık	Hassasiyet(fges)	Histerezis(f_u)	Kapak	Fiyat
227-010-12	10mm/0.4"	20µm	10µm	düz	174 $

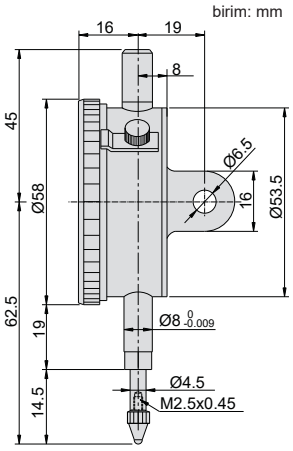
222 SERİSİ MEKANİK KOMPARATÖR

Sertifika

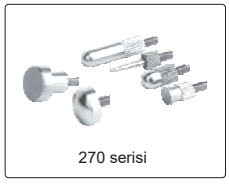
- Okuma: 0.001mm
- Limit göstergesi
- Her tur: 0.2mm
- Kilitleme vidası



222-001-01



Uç (opsiyonel)



Uygulama



Kod	Aralık	Kapak	Skala	Hassasiyet	Histerezis	Fiyat
222-001-01	1mm	Kulaklı	0-100-0	5µm	2µm	128 $
222-001-02	1mm	Düz	0-100-0	5µm	2µm	127 $

222 SERİSİ MEKANİK KOMPARATÖR SAATİ

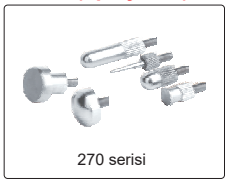
Sertifika

- Okuma: 0.01mm
- Limit göstergesi
- Her tur: 0.2mm
- Kilitleme vidası



222-010-11

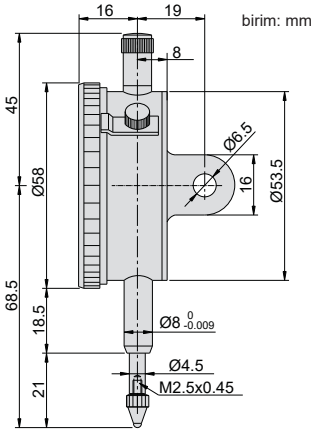
Uç (opsiyonel)



270 serisi

Uygulama





Kod	Aralık	Kapak	Hassasiyet	Histerezis	Skala	Fiyat
222-003-11	3mm	kulaklı	14µm	3µm	0-100	66 $
222-005-11	5mm	kulaklı	16µm	3µm	0-100	65 $
222-010-11	10mm	kulaklı	17µm	3µm	0-100	48 $
222-003-12	3mm	düz	14µm	3µm	0-100	61 $
222-005-12	5mm	düz	16µm	3µm	0-100	63 $
222-010-12	10mm	düz	17µm	3µm	0-100	48 $

223 SERİSİ MEKANİK KOMPARATÖR SAATİ

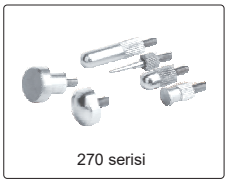
Sertifika

- Okuma: 0.01mm
- Limit göstergesi
- Her tur: 1mm
- Kilitleme vidası



223-010-11

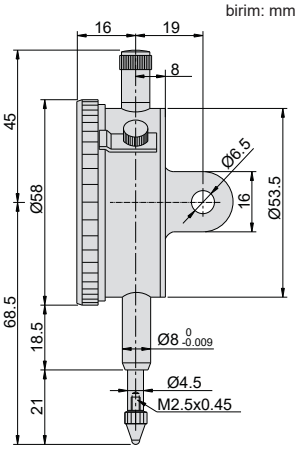
Uç (opsiyonel)



270 serisi

Uygulama





Kod	Aralık	Kapak	Hassasiyet	Histerezis	Skala	Fiyat
223-010-11	10mm	kulaklı	20µm	3µm	0-100	40 $
223-010-12	10mm	düz	20µm	3µm	0-100	40 $

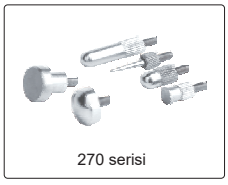
232 SERİSİ TEK TURLU MEKANİK KOMPARATÖR SAATİ

Sertifika

Darbe koruma

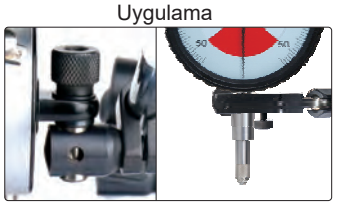
- Darbeye dayanıklı
- Düz ve kulaklı kapak

Uç (opsiyonel)



270 serisi

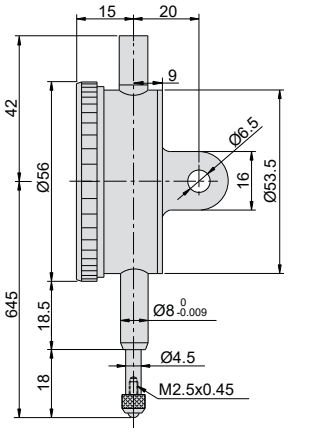
Uygulama





232-001-11

birim: mm

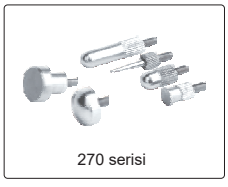


Kod	Aralık	Okuma	Hassasiyet	Histerezis	Skala	Fiyat
232-0005-11	0.5mm	0.01mm	9µm	3µm	25-0-25	**107 $**
232-001-11	1mm	0.01mm	9µm	3µm	50-0-50	**116 $**

230 SERİSİ MEKANİK KOMPARATÖR SAATİ

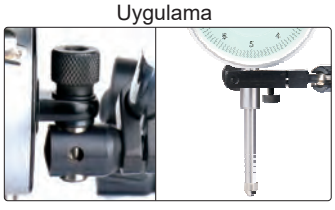
- Limit göstergesi ve kilitleme vidası

Uç (opsiyonel)



270 serisi

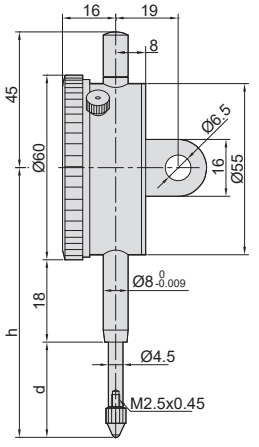
Uygulama





230-030-11

birim:mm



Kod	Aralık	Okuma	Hassasiyet(fges)	Histerezis(fu)	Aralık/tur	Skala	Kapak	h	d	Fiyat
230-010-11	10mm	0.1mm	40µm	20µm	10mm	0-10mm	kulaklı	70mm	20mm	**74 $**
230-030-11	30mm	0.1mm	60µm	20µm	10mm	0-10mm	kulaklı	90mm	40mm	**132 $**

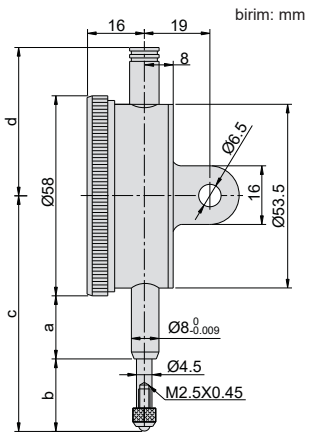
221 SERİSİ MEKANİK KOMPARATÖR SAATİ

Sertifika

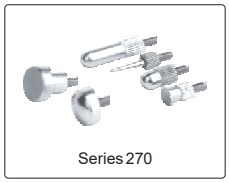
- Okuma: 0.001mm
- Limit göstergesi
- Her tur: 0.2mm
- Kilitleme vidası



221-001-01



Uç (opsiyonel)



Uygulama



Kod	Aralık	Skala	Hassasiyet	Histerezis	a	b	c	d	Fiyat
221-001-01	1mm	0-200	5µm	2µm	15	19.5	62.5	45	**178 $**
221-003-01	3mm	0-200	10µm	4µm	10	21.5	59.5	41.5	**279 $**
221-005-01	5mm	0-200	10µm	4µm	10	21.5	59.5	41.5	**317 $**

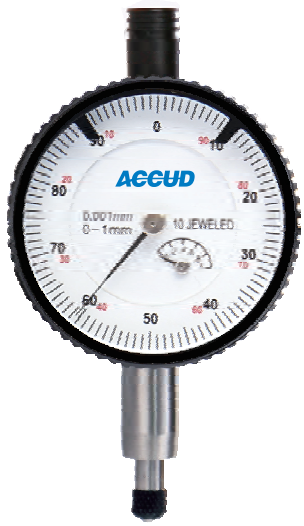
228 SERİSİ MEKANİK KOMPARATÖR SAATİ

Sertifika

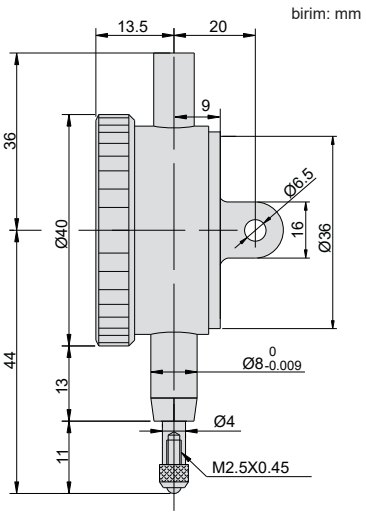
- Saat çapı: Ø40mm
- Okuma: 0.001mm
- Limit göstergesi
- Düz ve kulaklı kapak

Uygulama

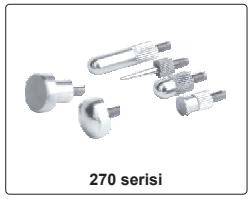




228-001-01



Uç (opsiyonel)



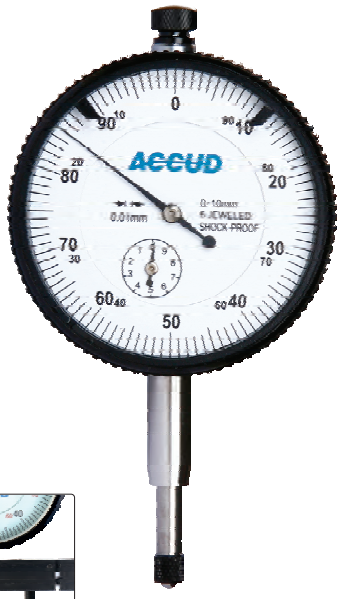
Kod	Aralık	Hassasiyet	Histerezis	Aralık/tur	Skala	Fiyat
228-001-01	1mm	3µm	1.5µm	0.1mm	0-100	**217 $**

226 SERİSİ DARBEYE DAYANIKLI MEKANİK KOMPARATÖR SAATİ

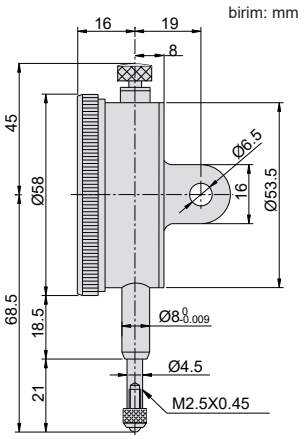
Sertifika

Darbe koruma

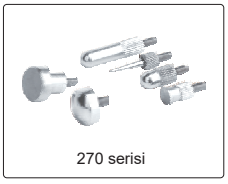
- Darbeye dayanıklı
- Okuma: 0.01mm
- Limit göstergesi
- Her tur: 0.2mm
- Kilitleme vidası



226-010-11



Uç (opsiyonel)



270 serisi

Uygulama



Kod	Aralık	Hassasiyet	Histerezis	Skala	Fiyat
226-005-11	5mm	16µm	3µm	0-100	**93 $**
226-010-11	10mm	17µm	3µm	0-100	**93 $**

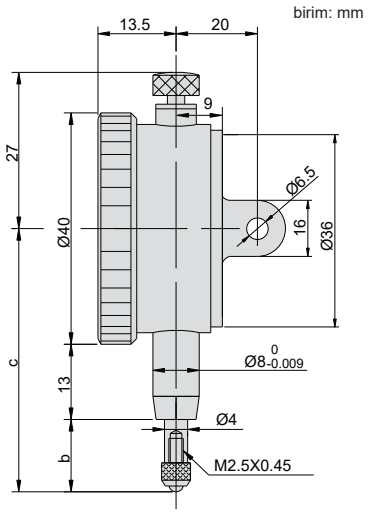
228 SERİSİ MEKANİK KOMPARATÖR SAATİ

Sertifika

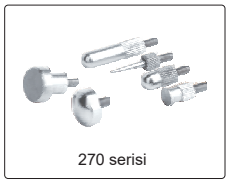
- Saat çapı: Ø40mm
- Okuma: 0.01mm
- Limit göstergesi
- Her tur: 1mm
- Düz ve kulaklı kapak



228-005-11



Uç (opsiyonel)



270 serisi

Uygulama



Kod	Aralık	Hassasiyet	Histerezis	Skala	b	c	Fiyat
228-003-11	3mm	14µm	3µm	0-100	11mm	44mm	**83 $**
228-005-11	5mm	16µm	3µm	0-100	12.5mm	45.5mm	**83 $**

229 SERİSİ MEKANİK KOMPARATÖR SAATİ

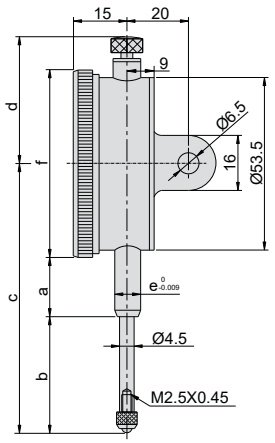
Sertifika

- Okuma: 0.01mm
- Limit göstergesi
- Her tur: 1mm
- Kilitleme vidası

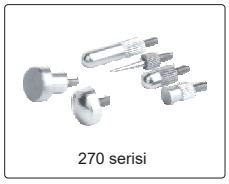


229-030-11

birim: mm



Uç (opsiyonel)



270 serisi

Uygulama



Kod	Aralık	Hassasiyet	Histerezis	Skala	a	b	c	d	e	f	Fiyat
229-020-11	20mm	25µm	5µm	0-100	20mm	35mm	83mm	37.5mm	Ø8mm	Ø58mm	**107 $**
229-030-11	30mm	35µm	7µm	0-100	20mm	40mm	88mm	37.5mm	Ø8mm	Ø58mm	**122 $**
229-025-11	25mm	35µm	7µm	0-100	19mm	39mm	88mm	46mm	Ø8mm	Ø58mm	**102 $**

233 ÇİFT TARAFLI KOMPARATÖR SAATİ

Sertifika

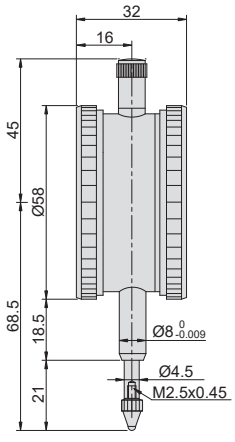


ön taraf



arka taraf

birim: mm



- DIN878
- İki taraftan okuma
- Limit göstergeli

uç(opsiyonel)



270 serisi

Uygulama



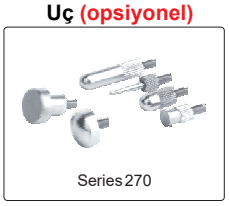
Kod	Aralık	Okuma	Hassasiyet	Histerezis	Aralık/Tur	Okuma	Fiyat
233-010-11	10mm	0.01mm	17µm	3µm	1mm	0-100	**224 $**

229 SERİSİ MEKANİK KOMPARATÖR SAATİ

Sertifika

- Okuma: 0.01mm
- Limit göstergesi
- Her tur: 1mm
- Kilitleme vidası

Uç (opsiyonel)

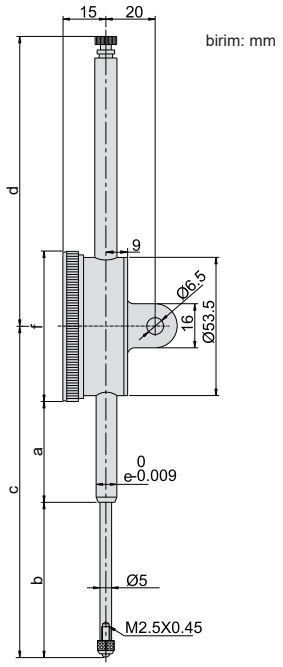


Uygulama





229-050-21



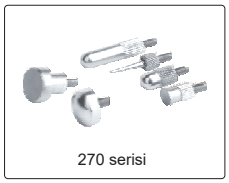
Kod	Aralık	Hassasiyet	Histerezis	Skala	a	b	c	d	e	f	Fiyat
229-050-21	50mm	40µm	8µm	0-100	40mm	58mm	127mm	108mm	Ø8mm	Ø58mm	**224 $**
229-100-21	100mm	50µm	9µm	0-100	60mm	108mm	207mm	168mm	Ø10mm	Ø78mm	**500 $**

231 SERİSİ SU GEÇİRMEZ MEKANİK KOMPARATÖR SAATİ

Sertifika IP67 Darbe koruma

- IP54 toz/su koruması
- Okuma:0.01mm

Uç (opsiyonel)



Uygulama

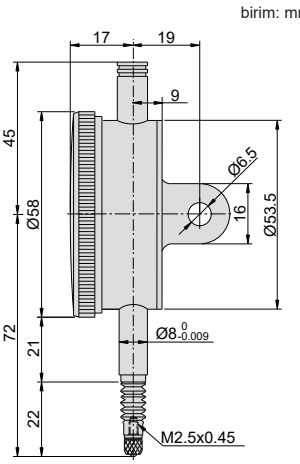




231-010-11



231-010-21



Kod	Aralık	Hassasiyet(fges)	Histerezis(fu)	Aralık/tur	Skala	Fiyat
231-010-11	10mm	17µm	3µm	1mm	0-100	**109 $**

Kod	Aralık	Hassasiyet(fges)	Histerezis(fu)	Aralık/tur	Skala	Kapak	Fiyat
231-010-21	10mm	17µm	3µm	1mm	0-100	kulaklı	**127 $**
231-010-22	10mm	17µm	3µm	1mm	0-100	düz	**121 $**

225 SERİSİ İNÇ MEKANİK KOMPARATÖR SAATİ

Sertifika

- Limit göstergesi ve kilitleme vidası
- Kulaklı kapak

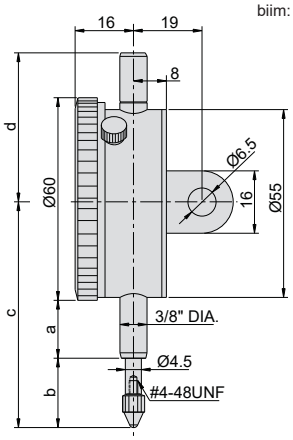
Uygulama





225-025-11

birim: mm



Kod	Aralık	Okuma	Saat okuma	Aralık/tur	Hassasiyet(fges)	a	b	c	d	Fiyat
225-006-11	0.25"	0.001"	0-100	0.1"	0.004"	20	25	75	46	**61 $**
225-012-11	0.5"	0.001"	0-100	0.1"	0.004"	20	25	75	46	**61$**
225-025-11	1"	0.001"	0-100	0.1"	0.004"	20	35	85	46	**64 $**
225-050-11	2"	0.001"	0-100	0.1"	0.008"	50	59	139	111	**132 $**

261 SERİSİ SALGI KOMPARATÖRÜ

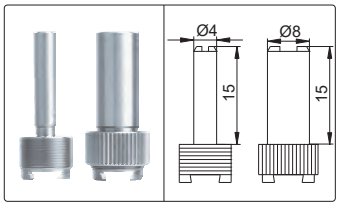
Sertifika

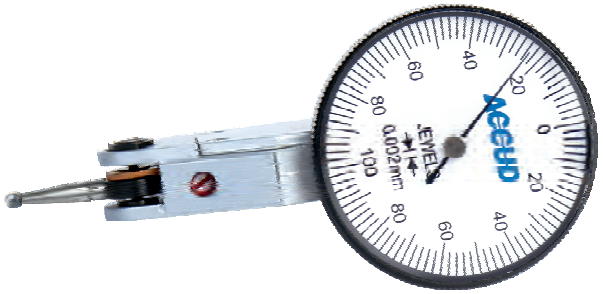
- Anti-manyetik bakır gövde
- Bağlantı aparatı: Ø4mm ve Ø8mm

Uygulama



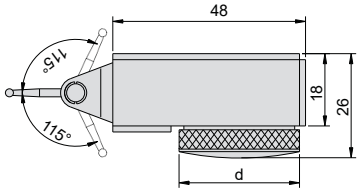
Bağlantı aparatları dahil

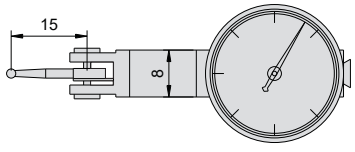




261-002-01

birim: mm





Kod	Aralık	Saat çapı(d)	Okuma	Uç	Hassasiyet	Histerezis	Skala	Fiyat
261-002-01	0.2mm	Ø33mm	0.002mm	karbür	6µm	2µm	0-100-0	**170 $**
261-002-02	0.2mm	Ø37.5mm	0.002mm	karbür	6µm	2µm	0-100-0	**170 $**

259 SERİSİ SALGI KOMPARATÖRÜ

Sertifika

- Anti-manyetik bakır gövde
- Bağlantı aparatı: Ø4mm ve Ø8mm

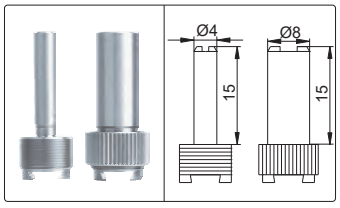


261-002-01

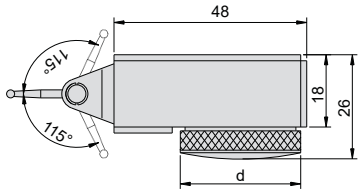
Uygulama

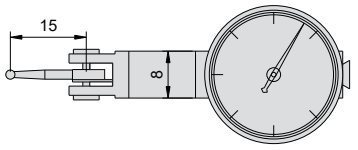


Bağlantı aparatları dahil



birim: mm



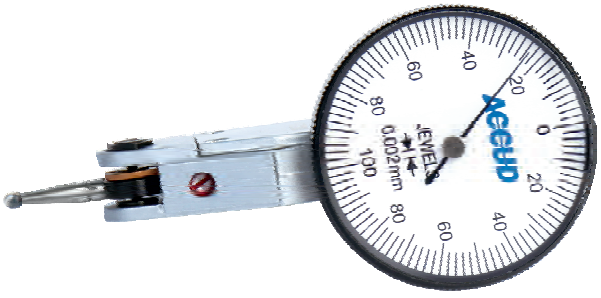


Kod	Aralık	Saat çapı (d)	Okuma	Uç	Hassasiyet	Histerezis	Skala	Fiyat
259-008-11	0.8mm	Ø31mm	0.01mm	karbür	13µm	3µm	0-40-0	

261 SERİSİ SALGI KOMPARATÖRÜ

Sertifika

- Anti-manyetik bakır gövde
- Bağlantı aparatı: Ø4mm ve Ø8mm

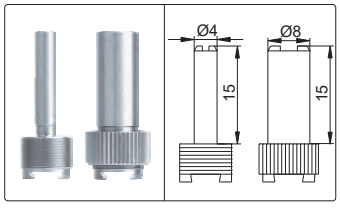


261-008-12

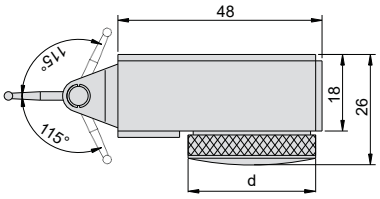
Uygulama

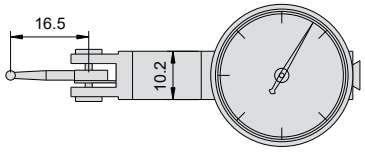


bağlantı aparatları (dahil)



birim: mm





Kod	Aralık	Saat çapı (d)	Okuma	Uç	Hassasiyet	Histerezis	Skala	Fiyat
261-008-11	0.8mm	Ø30mm	0.01mm	karbür	13µm	3µm	0-40-0	**88 $**
261-008-12	0.8mm	Ø37.5mm	0.01mm	karbür	13µm	3µm	0-40-0	**97 $**

263 SERİSİ UZUN UÇLU SALGI KOMPARATÖRÜ

Sertifika

- Anti-manyetik bakır gövde
- Bağlantı aparatı: Ø4mm ve Ø8mm

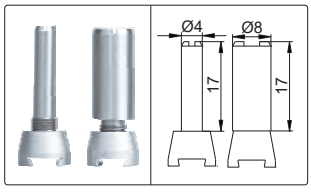


263-008-11L

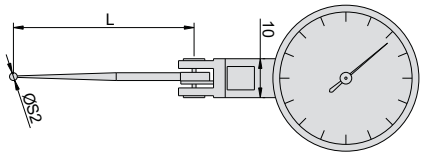
Uygulama

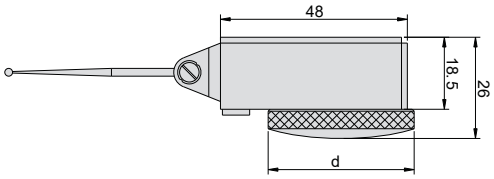


bağlantı aparatları (dahil)



birim: mm





Kod	Aralık	Saat çapı (d)	Okuma	Uç	Hassasiyet	Histerezis	Skala	L	Fiyat
263-008-11	0.8mm	Ø37.5mm	0.01mm	karbür	13µm	3µm	0-40-0	30.5	**175 $**
263-008-11L	0.8mm	Ø37.5mm	0.01mm	yakut	13µm	9µm	0-40-0	46.4	**195 $**

260 SERİSİ SALGI KOMPARATÖRLERİ İÇİN UÇLAR



260-002-02



260-010-01

261-008-11 ve 261-008-12 serisi için)

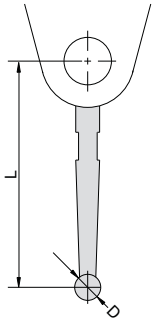


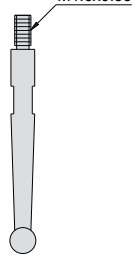
260-009-01

261-002-01 ve 261-002-02 serisi için)

birim: mm

Kod	Salgı saati	Materyal	D(mm)	L(mm)	Fiyat
260-001-01	261-008-11 261-008-12 266-016-11 264-008-11 265-008-11	çelik	SØ1	16.5	**14 $**
260-002-02		karbür	SØ2	16.5	**14 $**
260-003-02		karbür	SØ3	16.5	**17 $**
260-010-01		yakut	SØ2	16.5	**18 $**
260-009-01	261-002-01 261-002-02	yakut	SØ2	15	**18 $**
260-010-02	263-008-11	yakut	SØ2	30.5	**18 $**
260-010-03	263-008-11L	yakut	SØ2	46.4	**19 $**



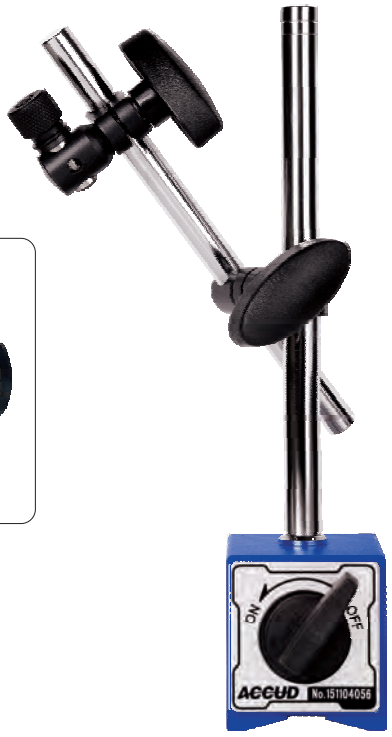


281 SERİSİ MANYETİK STAND

- Komparatör ve salgı saatlerini bağlamak için
- V-yatak taban

Uygulama

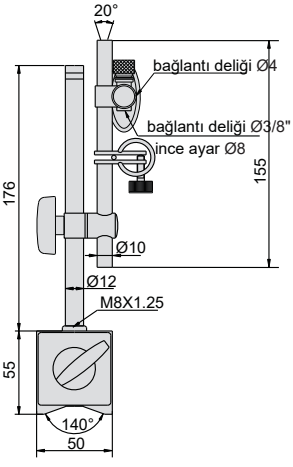




281-060-02

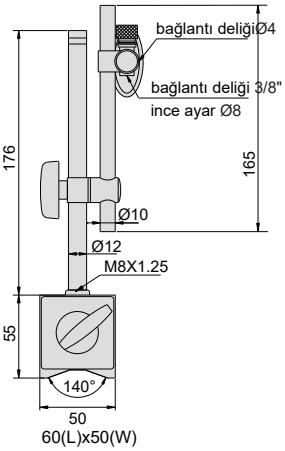


281-060-01



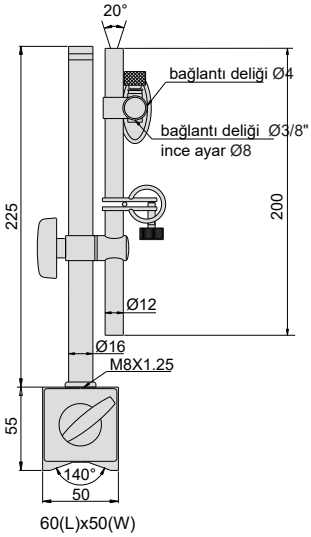
60(L)x50(W)

281-060-01



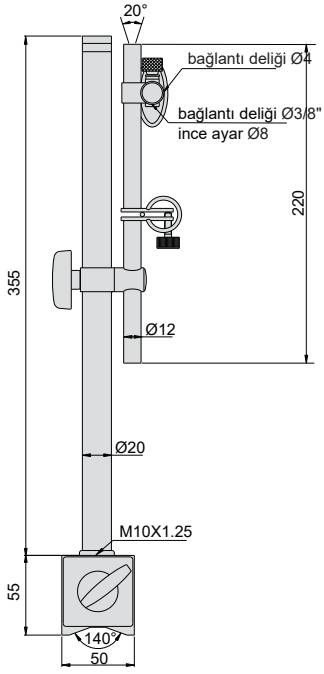
60(L)x50(W)

281-060-02



60(L)x50(W)

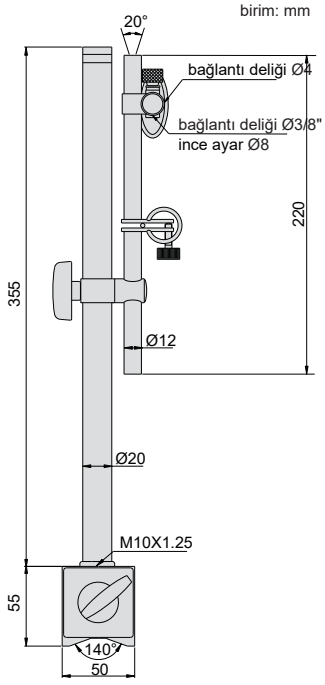
281-080-01



75(L)x50(W)

281-100-01

birim: mm



117(L)x50(W)

281-130-01

Kod	Delik çapı	Manyetik kuvvet	İnce ayarlı	Fiyat
281-060-01	Ø8mm, Ø4mm, 3/8"	60kgf	Var	**35 $**
281-060-02	Ø8mm, Ø4mm, 3/8"	60kgf	Yok	**34 $**
281-080-01	Ø8mm, Ø4mm, 3/8"	80kgf	Var	**50 $**
281-100-01	Ø8mm, Ø4mm, 3/8"	100kgf	Var	**92 $**
281-130-01	Ø8mm, Ø4mm, 3/8"	130kgf	Var	**138 $**

282 SERİSİ ÜNİVERSAL MANYETİK STAND

- Komparatör ve salgı saatlerini bağlamak için
- Delik çapı: Ø8mm
- Hassas ayarlamalı
- V-yatak taban

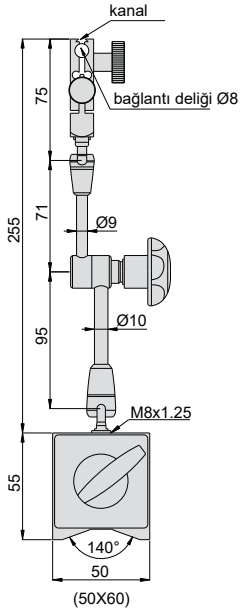
Uygulama



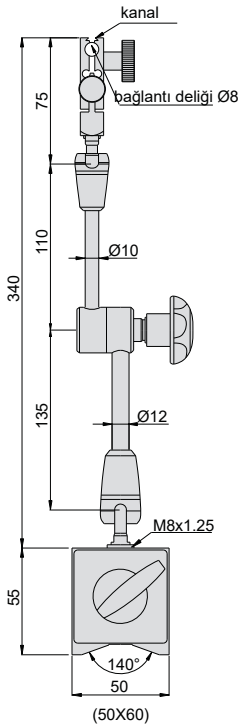


282-080-01

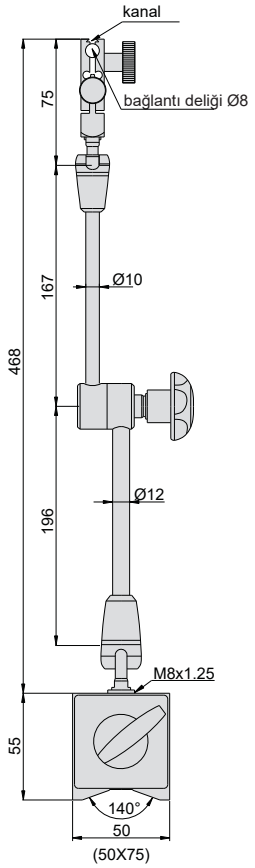
birim: mm



282-080-01



282-080-02



282-100-01

Kod	Manyetik kuvvet	Fiyat
282-080-01	80kgf	152 $
282-080-02	80kgf	145 $
282-100-01	100kgf	213 $

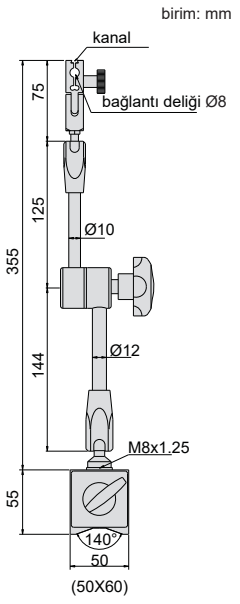
283 ÜNİVERSAL MANYETİK STAND

- Ekonomik tip
- Komparatör ve salgı saatlerini bağlamak için
- Delik çapı: Ø8mm
- Hassas ayarlamalı
- V-yatak taban

Uygulama





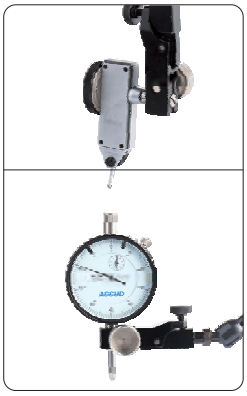


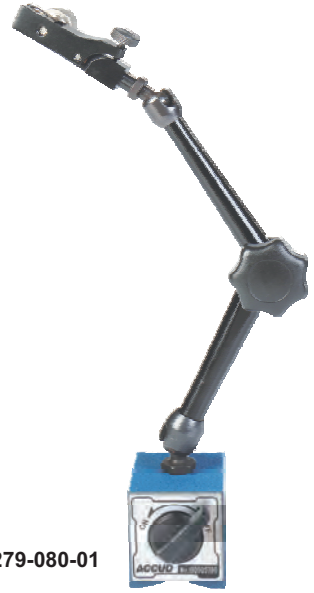
Kod	Manyetik kuvvet	Fiyat
283-080-01	80kgf	**79 $**

279 SERİSİ ÜNİVERSAL MANYETİK STAND

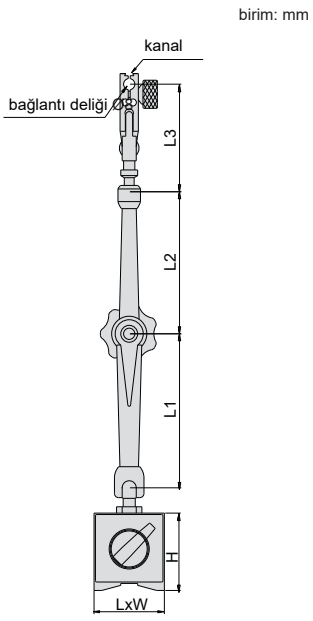
- Komparatör ve salgı saatlerini bağlamak için
- Aluminyum kol
- Hassas ayarlamalı
- V-yatak taban

Uygulama





279-080-01



Kod	Manyetik Kuvvet	Taban (LxWxH)	L1	L2	L3	Fiyat
279-030-01	30kgf	35x30x35	56	51	73	**92 $**
279-080-01	80kgf	60x50x55	110	101	76	**112 $**
279-100-01	100kgf	73x50x55	147	130	76	**128 $**

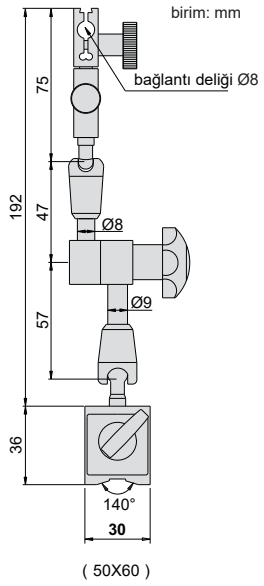
286 MİNİ MANYETİK STAND

- Salgı komparatörleri için
- Bağlantı deliği: Ø8mm
- Hassas ayarlamalı
- V-yatak taban

Uygulama







Kod	Manyetik kuvvet	Bağlantı	Fiyat
286-040-01	40kgf	Ø8mm	**148 $**

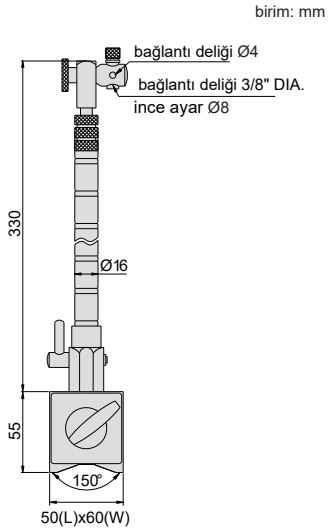
285 MAFSALLI MANYETİK STAND

- Salgı saatleri için

Uygulama







Kod	Manyetik kuvvet	Uygun bağlantı delikleri	Fiyat
285-080-01	80kgf	Çap Ø8mm, Ø4mm, 3/8"	**80 $**

289 SERİSİ GRANİT TABANLI KOMPARATÖR STANDI

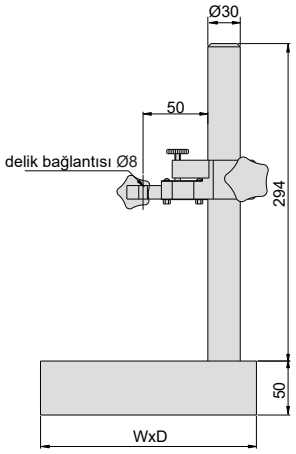
- Dikey hareket: 150mm
- Hassas ayarlama aralığı: 2 mm

Uygulama





289-008-01



Kod	Bağlantı	Taban düzl.	Taban ölçüsü	Fiyat
289-008-01	Ø8mm	3.2µm	200x150mm	776 $
289-012-01	Ø8mm	3.2µm	300x200mm	965 $

290 SERİSİ SERAMİK TABANLI KOMPARATÖR STANDI

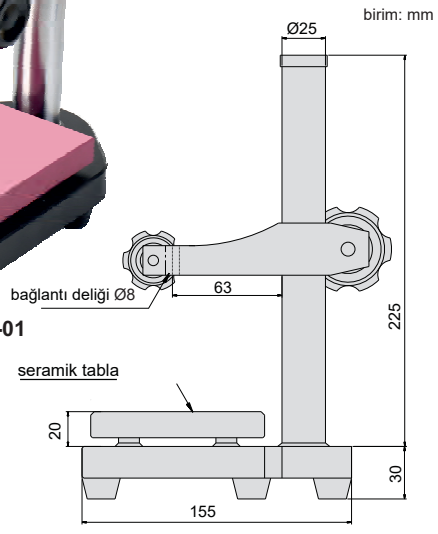
- Seramik taban
- Dikey hareket: 150mm



290-080-01



290-100-01



Kod	Bağlantı	Düzlemsellik	Taban ölçüsü	Fiyat
290-080-01	Ø8mm	1.5µm	Ø80mm	684 $

Kod	Bağlantı	Düzlemsellik	Taban ölçüsü	Fiyat
290-100-01	Ø8mm	1.5µm	100x100mm	684 $

410 SERİSİ DİJİTAL İÇ ÇAP KANAL KOMPARATÖRÜ

CR2032

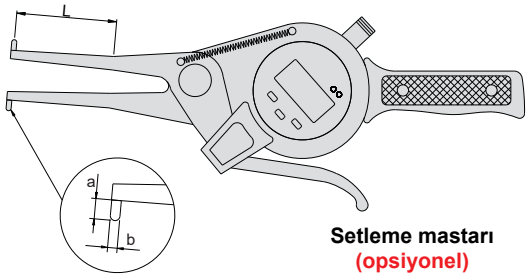
- İç kanal ölçümleri
- Çözünürlük: 0.01mm/0.0005"

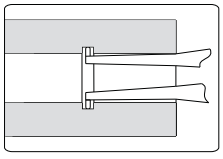


410-035-11

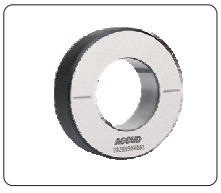
Kod	Aralık	Hassasiyet	a	b	L	Fiyat
410-035-11	15-35mm/0.6-1.4"	±0.04mm	3	Ø3	50	400 $
410-035-11L	15-35mm/0.6-1.4"	±0.04mm	3	Ø3	200	646 $
410-055-11	35-55mm/1.4-2.2"	±0.04mm	6	Ø3	80	400 $
410-055-11L	35-55mm/1.4-2.2"	±0.04mm	6	Ø3	250	749 $
410-075-11	55-75mm/2.2-3"	±0.04mm	8	Ø3	90	400 $
410-075-11L	55-75mm/2.2-3"	±0.04mm	8	Ø3	250	749 $
410-095-11	75-95mm/3-3.8"	±0.04mm	8	Ø3	100	400 $
410-095-11L	75-95mm/3-3.8"	±0.04mm	8	Ø3	250	969 $
410-115-11	95-115mm/3.8-4.6"	±0.04mm	10	Ø3.2	120	508 $
410-115-11L	95-115mm/3.8-4.6"	±0.04mm	10	Ø3.2	250	969 $
410-135-11	115-135mm/4.6-5.4"	±0.04mm	10	Ø3.2	120	508 $
410-135-11L	115-135mm/4.6-5.4"	±0.04mm	10	Ø3.2	250	969 $

birim: mm





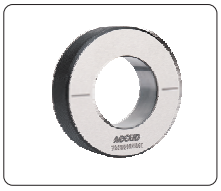
Setleme mastarı
(opsiyonel)



411 SERİSİ MEKANİK İÇ ÇAP KANAL KOMPARATÖRÜ

- İç kanal ölçümleri
- Okuma: 0.01mm

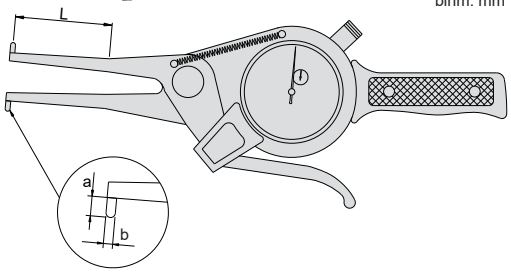
Setleme mastarı
(opsiyonel)



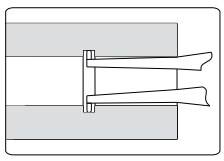


411-035-11

birim: mm



Kod	Aralık	Hassasiyet	a	b	L	Fiyat
411-035-11	15-35mm	±0.04mm	3	Ø3	50	282 $
411-035-11L	15-35mm	±0.04mm	3	Ø3	200	696 $
411-055-11	35-55mm	±0.04mm	6	Ø3	80	282 $
411-055-11L	35-55mm	±0.04mm	6	Ø3	250	778 $
411-075-11	55-75mm	±0.04mm	8	Ø3	90	282 $
411-075-11L	55-75mm	±0.04mm	8	Ø3	250	778 $
411-095-11	75-95mm	±0.04mm	8	Ø3	100	282 $
411-115-11	95-115mm	±0.04mm	10	Ø3.2	120	382 $
411-135-11	115-135mm	±0.04mm	10	Ø3.2	120	382 $

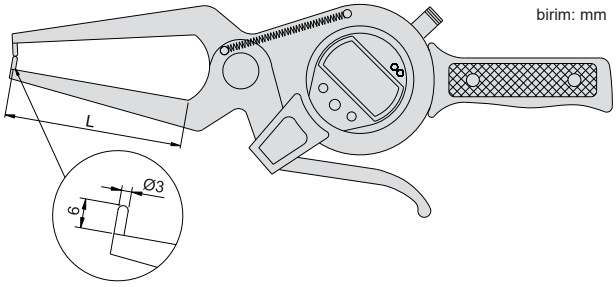


420 SERİSİ DİJİTAL DIŞ ÇAP KANAL KOMPARATÖRÜ

CR2032

- Dış kanal ölçümleri
- Çözünürlük: 0.01mm/0.0005"

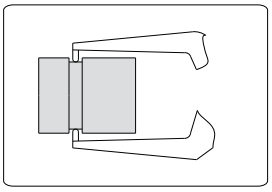




birim: mm

420-020-11

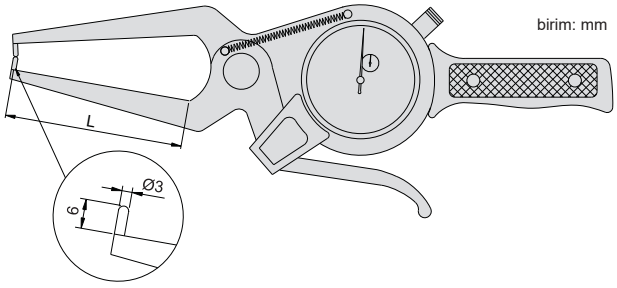
Kod	Aralık	Hassasiyet	L	Fiyat
420-020-11	0-20mm/0-0.8"	±0.04mm	60	400 $
420-040-11	20-40mm/0.8-1.6"	±0.04mm	60	400 $
420-060-11	40-60mm/1.6-2.4"	±0.04mm	55	400 $
420-080-11	60-80mm/2.4-3.2"	±0.04mm	55	400 $
420-100-11	80-100mm/3.2-4"	±0.04mm	55	403 $



421 SERİSİ MEKANİK DIŞ ÇAP KANAL KOMPARATÖRÜ

- Dış kanal ölçümleri
- Okuma: 0.01mm

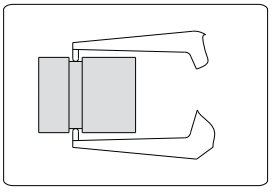




birim: mm

421-020-11

Kod	Aralık	Hassasiyet	L	Fiyat
421-020-11	0-20mm	±0.04mm	60	282 $
421-040-11	20-40mm	±0.04mm	60	282 $
421-060-11	40-60mm	±0.04mm	55	282 $
421-080-11	60-80mm	±0.04mm	55	282 $
421-100-11	80-100mm	±0.04mm	55	292 $



412 SERİSİ DİJİTAL İÇ ÇAP KANAL KOMPARATÖRÜ

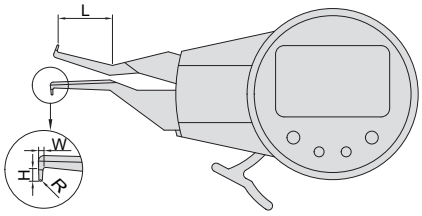
CR2032

- Çözünürlük: :0.005mm/0.0002"
- Analog ve dijital değer
- 170° dönebilen ekran
- Butonlar: tolerans Geçer-Geçmez ekranı, preset,maks./min. ölçümü, veri tutma, inç/metrik çevrimi, mutlak/inkremental ölçüm CR2032 pil
- Otomatik kapanma

412-015-11



birim: mm

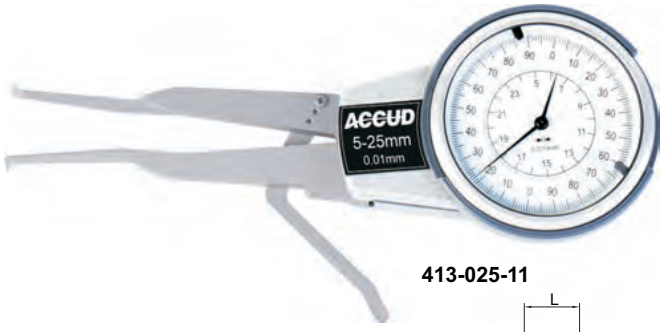


Kod	Aralık	Tekrarlanabilirlik	Hassasiyet	L	H	W	R	Fiyat
412-015-11	5-15mm	0.01mm	±0.03mm	20	2	1.5	R0.3	**346 $**
412-025-11	5-25mm	0.01mm	±0.03mm	35	1.5	1.0	R0.3	**373 $**
412-030-11	10-30mm	0.01mm	±0.03mm	55	5.5	2.5	R0.5	**409 $**
412-040-11	20-40mm	0.01mm	±0.03mm	80	6.0	3.0	R0.5	**409 $**
412-050-11	30-50mm	0.01mm	±0.03mm	80	8.0	3.0	R0.5	**409 $**
412-060-11	40-60mm	0.01mm	±0.03mm	80	8.0	3.0	R0.5	**425 $**



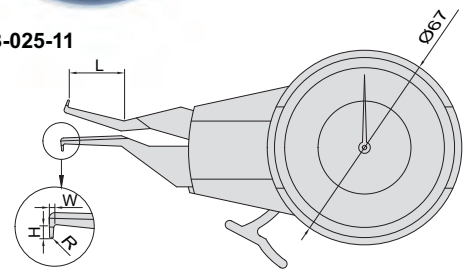
170° dönebilen ekran

413 SERİSİ MEKANİK İÇ ÇAP KANAL KOMPARATÖRÜ



birim: mm

413-025-11



Kod	Aralık	Okuma	Hassasiyet	L	H	W	R	Fiyat
413-015-11	5-15mm	0.01mm	±0.03mm	20	2	1.5	R0.3	**328 $**
413-025-11	5-25mm	0.01mm	±0.03mm	35	1.5	1.0	R0.3	**353 $**
413-030-11	10-30mm	0.01mm	±0.03mm	55	5.5	2.5	R0.5	**387 $**
413-040-11	20-40mm	0.01mm	±0.03mm	80	6.0	3.0	R0.5	**387 $**
413-050-11	30-50mm	0.01mm	±0.03mm	80	8.0	3.0	R0.5	**387 $**
413-060-11	40-60mm	0.01mm	±0.03mm	80	8.0	3.0	R0.5	**402 $**

422 SERİSİ DİJİTAL DIŞ ÇAP KANAL KOMPARATÖRÜ

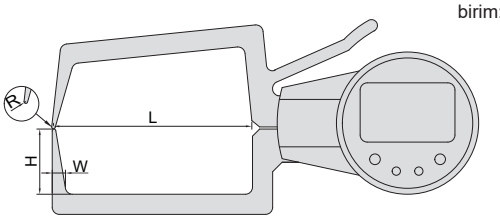
CR2032

- Çözünürlük: :0.005mm/0.0002"
- Analog ve dijital deüer
- 170° dönebilen ekran
- Butonlar: tolerans Geçer-Geçmez ekranı, preset,maks./min. ölçümü, veri tutma, inç/metrik çevrimi, mutlak/inkremental ölçüm
- CR2032 pil
- Otomatik kapanma



422-020-11

birim: mm



Kod	Aralık	Tekrarlanabilirlik	Hassasiyet	L	H	W	R	Fiyat
422-020-11	0-20mm	0.01mm	±0.03mm	80	25	6.5	R0.5	**373 $**
422-030-11	10-30mm	0.01mm	±0.03mm	80	25	6.5	R0.5	**409 $**
422-040-11	20-40mm	0.01mm	±0.03mm	80	25	6.5	R0.5	**409 $**
422-050-11	30-50mm	0.01mm	±0.03mm	80	25	6.5	R0.5	**409 $**
422-060-11	40-60mm	0.01mm	±0.03mm	80	25	6.5	R0.5	**425 $**



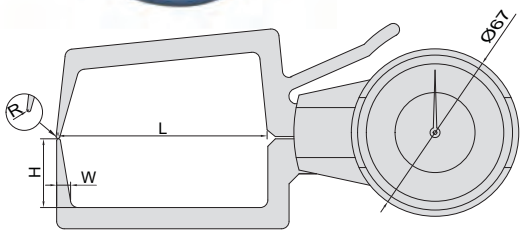
170° dönebilen ekran

423 SERİSİ MEKANİK DIŞ ÇAP KANAL KOMPARATÖRÜ



423-020-11

birim: mm



Kod	Aralık	Okuma	Hassasiyet	L	H	W	R	Fiyat
423-020-11	0-20mm	0.01mm	±0.03mm	80	25	6.5	R0.5	**370 $**
423-030-11	10-30mm	0.01mm	±0.03mm	80	25	6.5	R0.5	**405 $**
423-040-11	20-40mm	0.01mm	±0.03mm	80	25	6.5	R0.5	**405 $**
423-050-11	30-50mm	0.01mm	±0.03mm	80	25	6.5	R0.5	**405 $**
423-060-11	40-60mm	0.01mm	±0.03mm	80	25	6.5	R0.5	**421 $**

441 SERİSİ DİJİTAL KALINLIK KOMPARATÖRÜ

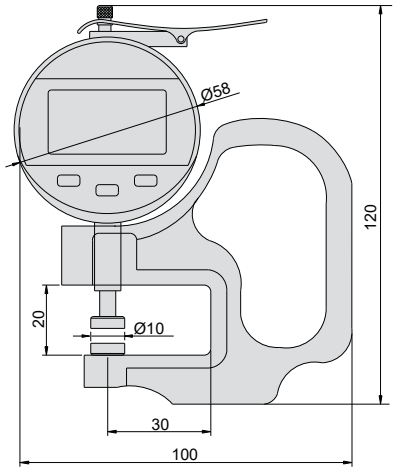
Veri çıkışı | CR2032

- Seramik uç
- Butonlar: on/off, zero, mm/inch
- Otomatik kapanma
- Veri çıkışı (kablo kodu: 200-03 veya 200-04)



441-010-11

birim: mm



Çözünürlük 0.001mm/0.00005"

Kod	Aralık	Hassasiyet	Fiyat
441-010-01	0-10mm/0-0.4"	±0.005mm	**366 $**

Çözünürlük 0.01mm/0.0005"

Kod	Aralık	Hassasiyet	Fiyat
441-010-11	0-10mm/0-0.4"	±0.02mm	**178 $**

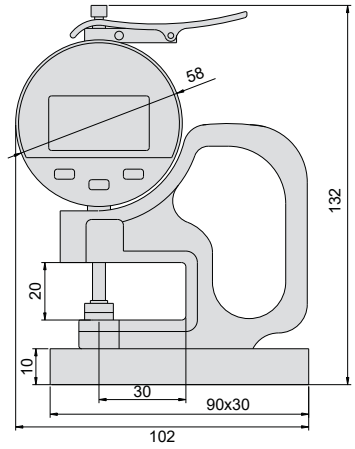
441 DİJİTAL KALINLIK KOMPARATÖRÜ

Veri çıkışı | CR2032

- Seramik uç
- Butonlar: on/off, zero, mm/inch, ABAS
- Otomatik kapanma
- Veri çıkışı (kablo kodu: 200-03 veya 200-04)



birim: mm



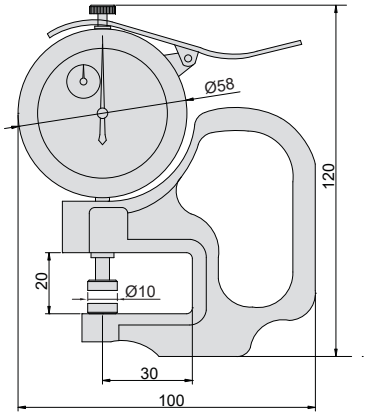
Kod	Aralık	Çözünürlük	Hassasiyet	Fiyat
441-010-11B	0-10mm/0-0.4"	0.01mm/0.0005"	±0.02mm	**313 $**

443 MEKANİK KALINLIK KOMPARATÖRÜ

- Seramik uç



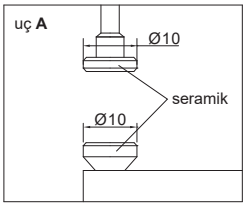
birim: mm

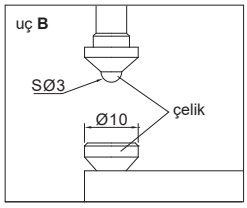


Kod	Aralık	Okuma	Hassasiyet	Fiyat
443-001-01	0-1mm	0.001mm	±0.005mm	**234 $**

443 SERİSİ MEKANİK KALINLIK KOMPARATÖRÜ

- Okuma: 0.01mm

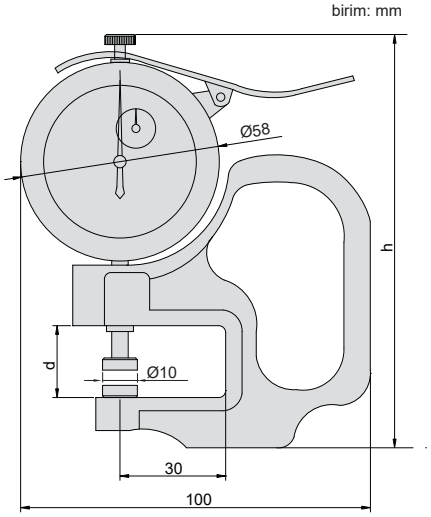






443-010-11

birim: mm



Kod	Aralık	Hassasiyet	Uç	d	h	Fiyat
443-010-11	0-10mm	±0.02mm	A	20	120	**107 $**
443-010-12	0-10mm	±0.02mm	B	20	120	**121 $**
443-030-11	0-30mm	±0.02mm	A	38	140	**239 $**

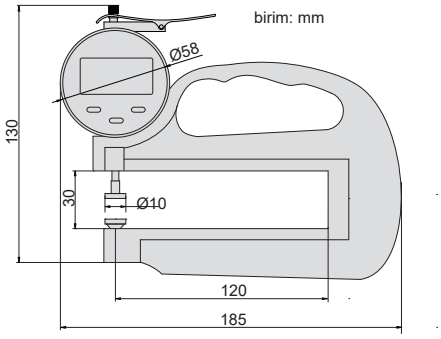
460 DİJİTAL KALINLIK KOMPARATÖRÜ

Veri çıkışı

CR2032

- Seramik uç
- Butonlar: on/off, zero, mm/inch, ABS
- Otomatik kapanma
- Veri çıkışı (kablo kodu: 200-03 veya 200-04)





Kod	Aralık	Çözünürlük	Hassasiyet	Fiyat
460-010-11	0-10mm/0-0.4"	0.01mm/0.0005"	±0.02mm	**320 $**

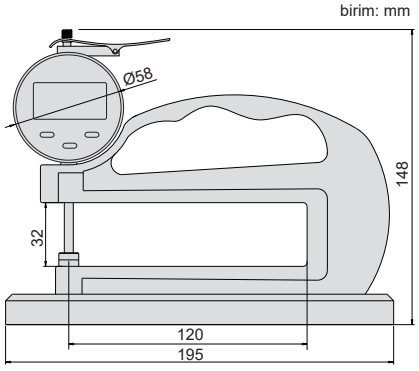
460 DİJİTAL KALINLIK KOMPARATÖRÜ

Veri çıkışı

CR2032

- Seramik uç
- Butonlar: on/off, zero, mm/inch
- Otomatik kapanma
- Veri çıkışı (kablo kodu: 200-03 veya 200-04)
- Metal taban

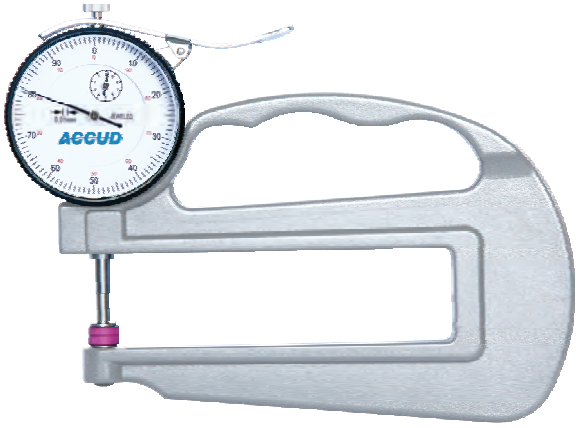




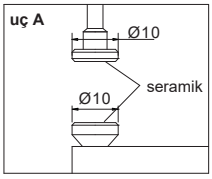
Kod	Aralık	Çözünürlük	Hassasiyet	Fiyat
460-010-11B	0-10mm/0-0.4"	0.01mm/0.0005"	±0.02mm	**447 $**

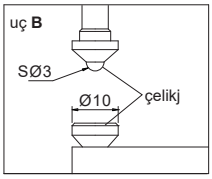
444 SERİSİ MEKANİK KALINLIK KOMPARATÖRÜ

- Geniş derinlikler, büyük parça ölçümleri
- Okuma: 0.01mm

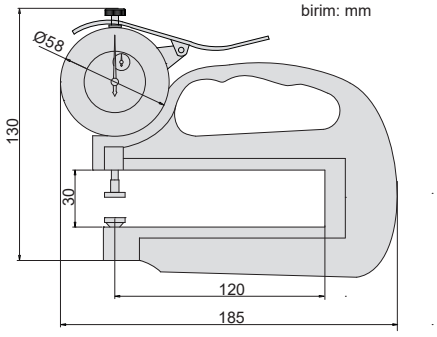


444-010-11





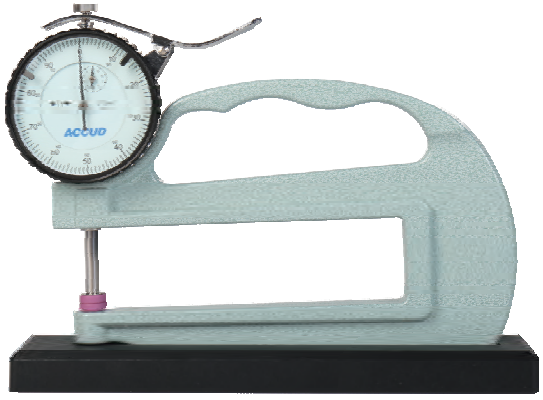
birim: mm



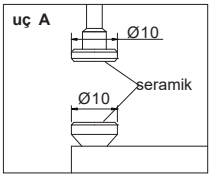
Kod	Aralık	Hassasiyet	Uç	Fiyat
444-010-11	0-10mm	±0.02mm	A	**198 $**
444-020-11	0-20mm	±0.03mm	A	**271 $**
444-010-12	0-10mm	±0.02mm	B	**208 $**
444-020-12	0-20mm	±0.03mm	B	**271 $**

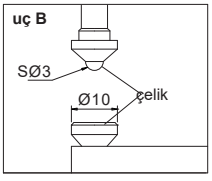
444 SERİSİ MEKANİK KALINLIK KOMPARATÖRÜ

- Geniş derinlikler, büyük parça ölçümleri
- Okuma: 0.01mm

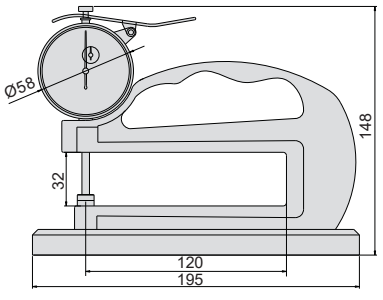


444-010-11B





birim: mm

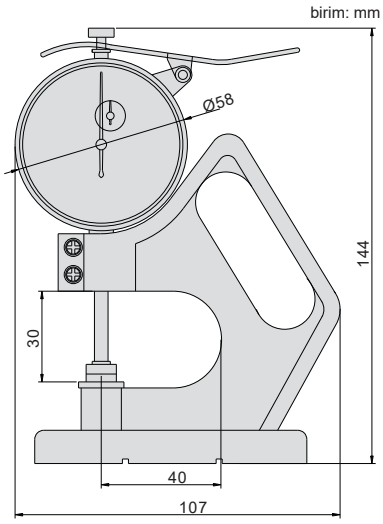


Kod	Aralık	Hassasiyet	Uç	Fiyat
444-010-11B	0-10mm	±0.02mm	A	**332 $**
444-020-11B	0-20mm	±0.03mm	A	**438 $**
444-010-12B	0-10mm	±0.02mm	B	**356 $**
444-020-12B	0-20mm	±0.03mm	B	**438 $**

449 MEKANİK KALINLIK KOMPARATÖRÜ

- Okuma: 0.01mm
- Seramik uç, çap: Ø10mm

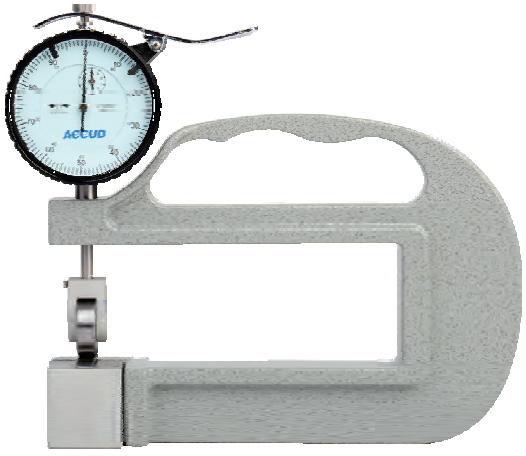


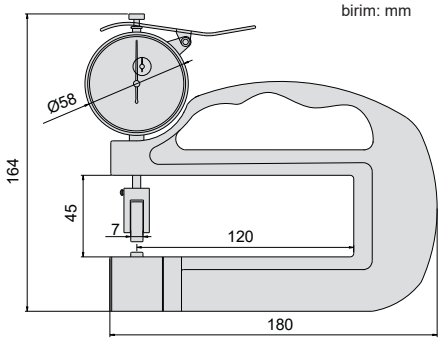


Kod	Aralık	Hassasiyet	Fiyat
449-010-11	0-10mm	±0.02mm	**201 $**

445 RULMANLI MEKANİK KALINLIK KOMPARATÖRÜ

- Sürekli ölçüm için

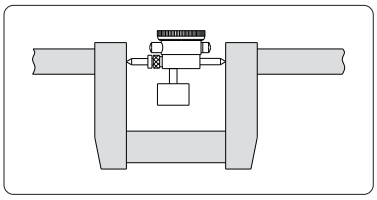




Kod	Aralık	Okuma	Hassasiyet	Fiyat
445-010-11	0-10mm	0.01mm	±0.02mm	**311 $**

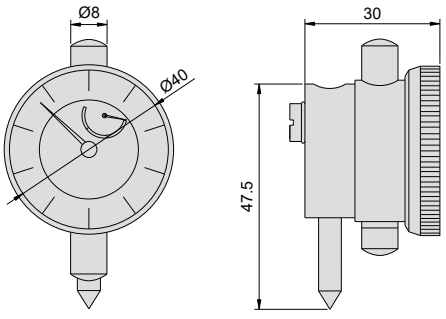
298 SERİSİ KRANK KOMPARATÖRÜ

- Krank sapma ölçümü
- Denge bloğu, komparatör saatinin yukarı bakmasını sağlamak için komparatör saatinin arkasına monte edilmiştir.

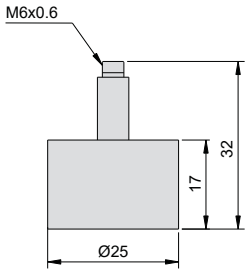




298-012-11

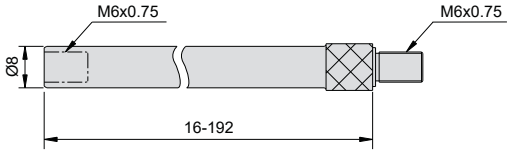


komparatör saati

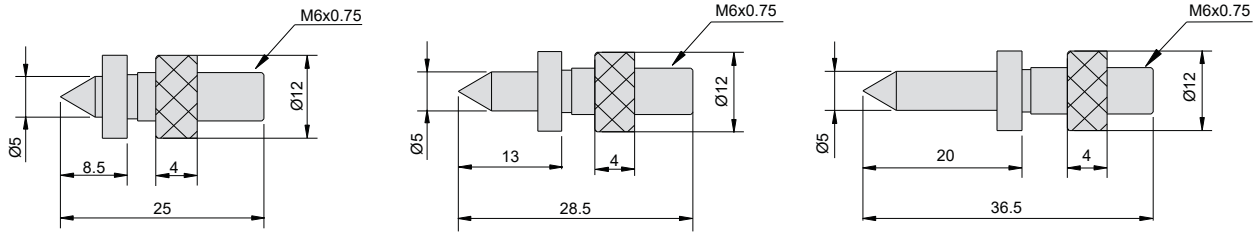


denge bloğu

birim: mm



uzatma milleri



anvils

Kod	Aralık	Saat aralığı	Okuma	Hassasiyet	Uzatma milleri	Fiyat
298-012-11	60-300mm	3mm	0.01mm	±0.016mm	16mm, 32mm, 64mm, 128mm	**579 $**
298-020-11	60-500mm	3mm	0.01mm	±0.016mm	16mm, 32mm, 64mm, 96mm, 128mm, 192mm	**591 $**

512 SERİSİ ÇELİK JOHNSON MASTAR SETİ

Sertifika



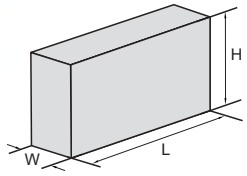
512-087-02

- Çelikten yapılmıştır
- ISO 3650
- Kalibrasyon sertifikası
- Kod tanımı:

512-□□□-□X
- 0: kalite0
- 1: kalite1
- 2: kalite2

Örnek:

Kod	Kalite	Adet
512-112-00	0	112
512-112-01	1	112
512-112-02	2	112



Boy:

Boy (L)	W	H
0.5mm≥L≤10mm	9mm	30mm
L>10mm	9mm	35mm

Kod	Mastar adedi	Set dağılımı		
		Ölçü(mm)	Adım (mm)	Adet
512-122-0X	122	1.0005		1
		1.001-1.009	0.001	9
		1.01-1.49	0.01	49
		1.6-1.9	0.1	4
		0.5-24.5	0.5	49
		30-100	10	8
		25-75	50	2
512-112-0X	112	1.0005		1
		1.001-1.009	0.001	9
		1.01-1.49	0.01	49
		0.5-24.5	0.5	49
		25-100	25	4
512-103-0X	103	1.005		1
		1.01-1.49	0.01	49
		0.5-24.5	0.5	49
		25-100	25	4
512-088-0X	88	1.0005		1
		1.001-1.009	0.001	9
		1.01-1.49	0.01	49
		0.5-9.5	0.5	19
		10-100	10	10
512-087-0X	87	1.001-1.009	0.001	9
		1.01-1.49	0.01	49
		0.5-9.5	0.5	19
		10-100	10	10

Kod	Mastar adedi	Set dağılımı		
		Ölçü(mm)	Adım (mm)	Adet
512-083-0X	83	0.5		1
		1		1
		1.005		1
		1.01-1.49	0.01	4
		1.5-1.9	0.1	49
		2-9.5	0.5	5
		10-100	10	16
512-076-0X	76	1.005		1
		1.01-1.49	0.01	49
		0.5-9.5	0.5	19
		10-40	10	4
		50-100	25	3
512-056-0X	56	0.5		1
		1.001-1.009	0.001	9
		1.01-1.09	0.01	9
		1.1-1.9	0.1	9
		1-24	1	24
		25-100	25	4
512-047-0X	47	1.005		1
		1.01-1.09	0.01	9
		1.1-1.9	0.1	9
		1-24	1	24
		25-100	25	4
512-047-1X	47	1.005		1
		1.01-1.19	0.01	19
		1.2-1.9	0.1	8
		1-9	1	9
		10-100	10	10

Kod	Mastar adedi	Set dağılımı		
		Ölçü(mm)	Adım (mm)	Adet
512-046-0X	46	1.001-1.009	0.001	9
		1.01-1.09	0.01	9
		1.1-1.9	0.1	9
		1-9	1	9
		10-100	10	10
512-038-0X	38	1.005		1
		1.01-1.09	0.01	9
		1.1-1.9	0.1	9
		1-9	1	9
		10-100	10	10
512-034-0X	34	1.0005		1
		1.001-1.009	0.001	9
		1.01-1.09	0.01	9
		1.1-1.9	0.1	9
		1-5	1	5
		10		1
512-032-0X	32	1.005		1
		1.01-1.09	0.01	9
		1.1-1.9	0.1	9
		1-9	1	9
		10-30	10	3
		50		1
512-008-0X	8	125-175	25	3
		200-250	50	2
		300-500	100	3

517 SERİSİ KUMPAS KONTROLÜ İÇİN MASTAR SETİ

Certificate

- Kumpas hassasiyet kontrolü için
- Halka mastarlar ile
- ISO 3650
- Alaşımlı çelikten yapılmıştır
- Sertifika ile birlikte



517-005-01

Kod	Set dağılımı	Adet	Kalite	Halka mastar	Fiyat
517-005-01	30, 41.3, 131.4mm	5adet	1	Ø4,Ø25mm	473 $
517-006-01	30, 41.3, 131.4, 243.5mm	6adet	1	Ø4,Ø25mm	798 $

517 SERİSİ KUMPAS KONTROLÜ İÇİN MASTAR SETİ

Sertifika

- Kumpas hassasiyet kontrolü için
- ISO 3650
- Alaşımlı çelikten yapılmıştır
- Sertifika ile birlikte



517-012-01

Kod	Set	Adet	Kalite	Fiyat
517-012-01	10, 20, 20, 41.2, 51.2, 81.5, 101.2, 121.5, 121.8, 191.8, 201.5, 291.8mm	12adet	0	1633 $
517-012-02	10, 20, 20, 41.2, 51.2, 81.5, 101.2, 121.5, 121.8, 191.8, 201.5, 291.8mm	12adet	1	1487 $
517-012-03	10, 20, 20, 41.2, 51.2, 81.5, 101.2, 121.5, 121.8, 191.8, 201.5, 291.8mm	12adet	2	1127 $

518 SERİSİ MİKROMETRE KONTROLÜ İÇİN MASTAR SETİ

Sertifika

- Mikrometre hassasiyet kontrolü için
- Paralel cam dahil
- ISO 3650
- Kalite 0
- Sertifika ile birlikte



518-001-03



Kod	Adet	Mikrometre aralığı	Materyal	Set	Fiyat
518-001-02	11adet	0-25mm	seramik	2.5, 5.1, 7.7, 10.3, 12,9, 15, 17.6, 20.2, 22.8, 25mm	**1739 $**
518-001-03	11adet	0-25mm	alaşımlı çelik	2.5, 5.1, 7.7, 10.3, 12,9, 15, 17.6, 20.2, 22.8, 25mm	**631 $**

518 SERİSİ MİKROMETRE KONTROLÜ İÇİN MASTAR SETİ

Sertifika

- Mikrometre hassasiyet kontrolü için
- ISO 3650
- Kalite 0
- Sertifika ile birlikte



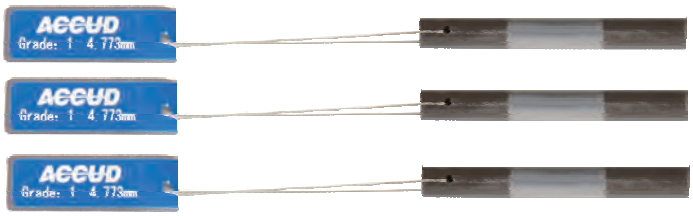
518-001-01

Kod	Adet	Mikrometre aralığı	Materyal	Set dağılımı	Fiyat
518-001-01	10adet	0-25mm	alaşımlı çelik	2.5, 5.1, 7.7, 10.3, 12,9, 15, 17.6, 20.2, 22.8, 25mm	**461 $**
518-002-01	11adet	25-50mm	alaşımlı çelik	25, 27.5, 30.1, 32.7, 35.3, 37.9, 40, 42.6, 45.2, 47.8, 50mm	**752 $**
518-003-01	11adet	50-75mm	alaşımlı çelik	50, 52.5, 55.1, 57.7, 60.3, 62.9, 65, 67.6, 70.2, 72.8, 75mm	**837 $**
518-004-01	11adet	75-100mm	alaşımlı çelik	75, 77.5, 80.1, 82.7, 85.3, 87.9, 90, 92.6, 95.2, 97.8, 100mm	**909 $**

529 SERİSİ VİDA ÇAP ÖLÇME TELLERİ

- Alaşımlı çelik
- One unit includes 3pcs same size
- Sertlik HRC60-62
- Hassasiyet:
  ±0.25μm (kalite 0), ±0.5μm (kalite 1)
- Dairesellik:
  0.25μm (kalite 0), 0.5μm (kalite 1)
- Kod tanımı:

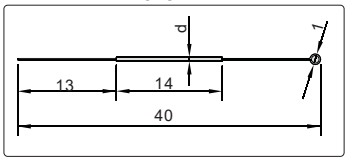
529-□□□□-0X
→0: kalite0
→1: kalite1



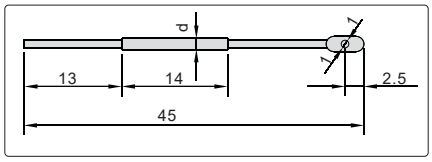
529-4773-01

birim: mm

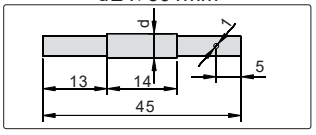
d≤0. 572mm



0. 572mm<d<1. 591mm



d≥1. 591mm



Örnek:

Kod	Ölçü(mm)	Kalite
529-2886-00	2.886	0
529-2886-01	2.886	1

55 farklı boy içeren set

Kod	Adet	Kalite
529-055-00	55×3pcs	0
529-055-01	55×3pcs	1

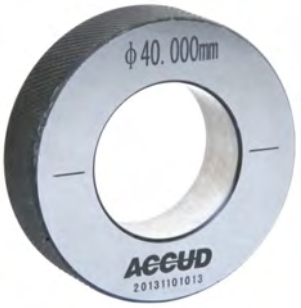
55 farklı boy seçeneği, birim: mm

0.118	0.260	0.572	1.302	2.020	2.886	3.580	4.773
0.142	0.291	0.724	1.441	2.050	3.106	3.666	5.150
0.170	0.343	0.796	1.553	2.071	3.177	4.091	5.176
0.185	0.402	0.866	1.591	2.217	3.287	4.120	5.493
0.201	0.433	1.008	1.732	2.311	3.310	4.141	6.212
0.232	0.461	1.047	1.833	2.595	3.468	4.211	6.585
0.250	0.511	1.157	1.883	2.866	3.550	4.400	

531 SERİSİ HALKA MASTARLAR

ÖZEL YAPIM
İstek üzerine diğer ölçüler yapılır

- İç çap setlemeleri için
- Sapma: ölçülere göre değişken olabilir)
  Ø3-100: ±3.0μm
  Ø100-300: ±5.0μm
- Hassasiyet: Ø3-100: ±1.0μm
  Ø100-250: ±2.0μm Ø250-300: ±2.5μm
- Aralık Ø3-300mm



531-040-01



Kod	Ölçü(mm)
531-003-01	Ø3
531-004-01	Ø4
531-005-01	Ø5
531-006-01	Ø6
531-007-01	Ø7
531-008-01	Ø8
531-009-01	Ø9
531-010-01	Ø10
531-011-01	Ø11
531-012-01	Ø12
531-013-01	Ø13
531-014-01	Ø14
531-015-01	Ø15
531-016-01	Ø16

Kod	Ölçü(mm)
531-017-01	Ø17
531-018-01	Ø18
531-019-01	Ø19
531-020-01	Ø20
531-021-01	Ø21
531-022-01	Ø22
531-023-01	Ø23
531-024-01	Ø24
531-025-01	Ø25
531-026-01	Ø26
531-027-01	Ø27
531-028-01	Ø28
531-029-01	Ø29
531-030-01	Ø30

Kod	Ölçü(mm)
531-031-01	Ø31
531-032-01	Ø32
531-033-01	Ø33
531-034-01	Ø34
531-035-01	Ø35
531-036-01	Ø36
531-037-01	Ø37
531-038-01	Ø38
531-039-01	Ø39
531-040-01	Ø40
531-041-01	Ø41
531-042-01	Ø42
531-043-01	Ø43
531-044-01	Ø44

Kod	Ölçü(mm)
531-045-01	Ø45
531-046-01	Ø46
531-047-01	Ø47
531-048-01	Ø48
531-049-01	Ø49
531-050-01	Ø50
531-055-01	Ø55
531-060-01	Ø60
531-062-01	Ø62
531-065-01	Ø65
531-070-01	Ø70
531-075-01	Ø75
531-080-01	Ø80
531-085-01	Ø85

Kod	Ölçü(mm)
531-087-01	Ø87
531-090-01	Ø90
531-095-01	Ø95
531-100-01	Ø100
531-125-01	Ø125
531-150-01	Ø150
531-175-01	Ø175
531-200-01	Ø200
531-225-01	Ø225
531-250-01	Ø250
531-275-01	Ø275
531-300-01	Ø300

541 SERİSİ TAMPON MASTARLAR

ÖZEL YAPIM
İstek üzerine diğer ölçüler yapılır

- Grade H7
- Sertlik HRC 60±2
- GB/T 1957-2006
- 1mm 100mm arası temin edilir



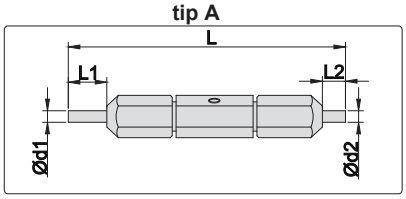
541-020-17



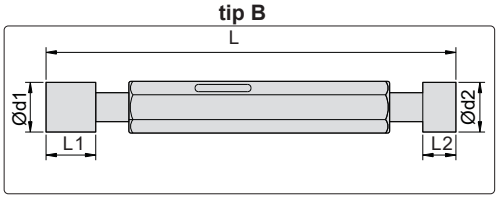
541-006-17

birim: mm

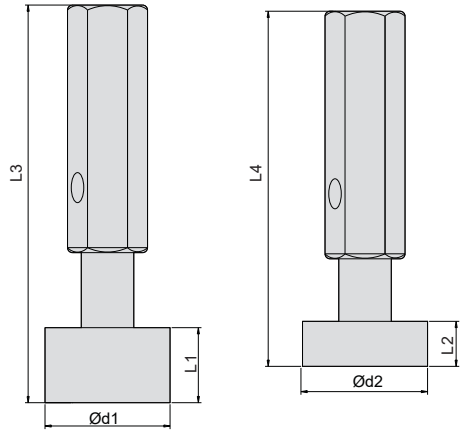
tip A



tip B



tip C



Çap Ød(mm)	Geçer toleransı d1 (mm)	Geçmez toleransı d2 (mm)	L1	L2	L	L3	L4
≥2 ≤3	+0.0010, +0.0022	+0.0088, +0.010	6.5	4.5	62		
>3 ≤6	+0.0013, +0.0027	+0.0106, +0.012	8	6	74		
>6, ≤10	+0.0015, +0.0033	+0.0132, +0.015	10	7	87		
>10, ≤14	+0.0018, +0.0038	+0.0160, +0.018	12	8	99		
>14, ≤18	+0.0018, +0.0038	+0.0160, +0.018	14	10	114		
>18, ≤24	+0.0023, +0.0046	+0.0186, +0.021	16	12	132		
>24, ≤30	+0.0023, +0.0046	+0.0186, +0.021	18	14	136		
>30, ≤40	+0.0023, +0.0055	+0.0220, +0.025	20	15	155		
>40, ≤50	+0.0023, +0.0055	+0.0220, +0.025	25	18	169		
>50, ≤65	+0.0028, +0.0064	+0.0264, +0.030	30	18		164	165
>65, ≤80	+0.0028, +0.0064	+0.0264, +0.030	35	25		169	159
>80, ≤100	+0.0032, +0.0075	+0.0308, +0.035	35	25		169	159

Kod	Çap Ød(mm)	Tip
541-002-17	2	A
541-003-17	3	A
541-004-17	4	A
541-005-17	5	A
541-006-17	6	A
541-007-17	7	A
541-008-17	8	A
541-009-17	9	B
541-010-17	10	B
541-011-17	11	B
541-012-17	12	B
541-013-17	13	B
541-014-17	14	B
541-015-17	15	B
541-016-17	16	B

Kod	Çap Ød(mm)	Tip
541-017-17	17	B
541-018-17	18	B
541-019-17	19	B
541-020-17	20	B
541-021-17	21	B
541-022-17	22	B
541-023-17	23	B
541-024-17	24	B
541-025-17	25	B
541-026-17	26	B
541-027-17	27	B
541-028-17	28	B
541-029-17	29	B
541-030-17	30	B
541-031-17	31	B

Kod	Çap Ød(mm)	Tip
541-032-17	32	B
541-033-17	33	B
541-034-17	34	B
541-035-17	35	B
541-036-17	36	B
541-037-17	37	B
541-038-17	38	B
541-039-17	39	B
541-040-17	40	B
541-041-17	41	B
541-042-17	42	B
541-043-17	43	B
541-044-17	44	B
541-045-17	45	B
541-046-17	46	B

Kod	Çap Ød(mm)	Tip
541-047-17	47	B
541-048-17	48	B
541-049-17	49	B
541-050-17	50	B
541-052-17	52	C
541-055-17	55	C
541-060-17	60	C
541-065-17	65	C
541-070-17	70	C
541-075-17	75	C
541-080-17	80	C
541-085-17	85	C
541-090-17	90	C
541-095-17	95	C
541-100-17	100	C

532/533/534/535 HALKA DİŞ MASTARLAR

ÖZEL YAPIM
İstek üzerine diğer ölçüler yapılır

- Grade 6g
- ISO1502
- Sertlik HRC60-62



532-020-01



533-020-01

STANDART DİŞLER

Kod (geçer)	Kod (geçmez)	Ölçü(mm)
532-002-01	533-002-01	M2x0.4
532-002-21	533-002-21	M2.2x0.45
532-002-51	533-002-51	M2.5x0.45
532-003-01	533-003-01	M3x0.5
532-003-51	533-003-51	M3.5x0.6
532-004-01	533-004-01	M4x0.7
532-005-01	533-005-01	M5x0.8
532-006-01	533-006-01	M6x1
532-008-01	533-008-01	M8x1.25

Kod (geçer)	Kod (geçmez)	Ölçü(mm)
532-010-01	533-010-01	M10x1.5
532-012-01	533-012-01	M12x1.75
532-014-01	533-014-01	M14x2
532-016-01	533-016-01	M16x2
532-018-01	533-018-01	M18x2.5
532-020-01	533-020-01	M20x2.5
532-022-01	533-022-01	M22x2.5
532-024-01	533-024-01	M24x3
532-027-01	533-027-01	M27x3

Kod (geçer)	Kod (geçmez)	Ölçü(mm)
532-030-01	533-030-01	M30x3.5
532-033-01	533-033-01	M33x3.5
532-036-01	533-036-01	M36x4
532-042-01	533-042-01	M42x4.5
532-048-01	533-048-01	M48x5
532-052-01	533-052-01	M52x5
532-060-01	533-060-01	M60x5.5

Kod (geçer)	Kod(geçmez)	Ölçü(mm)
534-002-01	535-002-01	M2x0.25
534-002-21	535-002-21	M2.2x0.25
534-002-51	535-002-51	M2.5x0.35
534-003-01	535-003-01	M3x0.35
534-003-51	535-003-51	M3.5x0.35
534-004-01	535-004-01	M4x0.5
534-005-01	535-005-01	M5x0.5
534-006-01	535-006-01	M6x0.5
534-006-02	535-006-02	M6x0.75
534-007-01	535-007-01	M7x0.5
534-007-02	535-007-02	M7x0.75
534-008-01	535-008-01	M8x0.5
534-008-02	535-008-02	M8x0.75
534-008-03	535-008-03	M8x1
534-009-01	535-009-01	M9x0.5
534-009-02	535-009-02	M9x0.75
534-009-03	535-009-03	M9x1
534-010-01	535-010-01	M10x0.5
534-010-02	535-010-02	M10x0.75
534-010-03	535-010-03	M10x1
534-010-04	535-010-04	M10x1.25
534-011-02	535-011-02	M11x0.75
534-011-03	535-011-03	M11x1
534-012-01	535-012-01	M12x0.5
534-012-02	535-012-02	M12x0.75
534-012-03	535-012-03	M12x1
534-012-04	535-012-04	M12x1.25
534-012-05	535-012-05	M12x1.5
534-014-01	535-014-01	M14x0.5
534-014-02	535-014-02	M14x0.75
534-014-03	535-014-03	M14x1
534-014-04	535-014-04	M14x1.25
534-014-05	535-014-05	M14x1.5
534-016-01	535-016-01	M16x0.5
534-016-02	535-016-02	M16x0.75
534-016-03	535-016-03	M16x1
534-016-04	535-016-04	M16x1.5

Kod (geçer)	Kod (geçmez)	Ölçü(mm)
534-018-01	535-018-01	M18x0.5
534-018-02	535-018-02	M18x0.75
534-018-03	535-018-03	M18x1
534-018-04	535-018-04	M18x1.5
534-018-05	535-018-05	M18x2
534-020-01	535-020-01	M20x0.5
534-020-02	535-020-02	M20x0.75
534-020-03	535-020-03	M20x1
534-020-04	535-020-04	M20x1.5
534-020-05	535-020-05	M20x2
534-022-01	535-022-01	M22x0.5
534-022-02	535-022-02	M22x0.75
534-022-03	535-022-03	M22x1
534-022-04	535-022-04	M22x1.5
534-022-05	535-022-05	M22x2
534-024-01	535-024-01	M24x0.75
534-024-02	535-024-02	M24x1
534-024-03	535-024-03	M24x1.5
534-024-04	535-024-04	M24x2
534-027-01	535-027-01	M27x0.75
534-027-02	535-027-02	M27x1
534-027-03	535-027-03	M27x1.5
534-027-04	535-027-04	M27x2
534-030-01	535-030-01	M30x0.75
534-030-02	535-030-02	M30x1
534-030-03	535-030-03	M30x1.5
534-030-04	535-030-04	M30x2
534-030-05	535-030-05	M30x3
534-033-01	535-033-01	M33x0.75
534-033-02	535-033-02	M33x1
534-033-03	535-033-03	M33x1.5
534-033-04	535-033-04	M33x2
534-033-05	535-033-05	M33x3
534-036-01	535-036-01	M36x1
534-036-02	535-036-02	M36x1.5
534-036-03	535-036-03	M36x2
534-036-04	535-036-04	M36x3

Kod (geçer)	Kod (geçmez)	Ölçü(mm)
534-039-01	535-039-01	M39x1
534-039-02	535-039-02	M39x1.5
534-039-03	535-039-03	M39x2
534-039-04	535-039-04	M39x3
534-042-01	535-042-01	M42x1
534-042-02	535-042-02	M42x1.5
534-042-03	535-042-03	M42x2
534-042-04	535-042-04	M42x3
534-042-05	535-042-05	M42x4
534-045-01	535-045-01	M45x1
534-045-02	535-045-02	M45x1.5
534-045-03	535-045-03	M45x2
534-045-04	535-045-04	M45x3
534-045-05	535-045-05	M45x4
534-048-01	535-048-01	M48x1
534-048-02	535-048-02	M48x1.5
534-048-03	535-048-03	M48x2
534-048-04	535-048-04	M48x3
534-048-05	535-048-05	M48x4
534-052-01	535-052-01	M52x1
534-052-02	535-052-02	M52x1.5
534-052-03	535-052-03	M52x2
534-052-04	535-052-04	M52x3
534-052-05	535-052-05	M52x4
534-056-01	535-056-01	M56x1
534-056-02	535-056-02	M56x1.5
534-056-03	535-056-03	M56x2
534-056-04	535-056-04	M56x3
534-056-05	535-056-05	M56x4
534-060-01	535-060-01	M60x1
534-060-02	535-060-02	M60x1.5
534-060-03	535-060-03	M60x2
534-060-04	535-060-04	M60x3
534-060-05	535-060-05	M60x4

542 SERİSİ TAMPON DİŞ MASTARLAR

ÖZEL YAPIM
İstek üzerine diğer ölçüler yapılır

- Grade 6H
- SO1502
- Sertlik HRC60-62



542-024-01

Kod	Ölçü(mm)
542-002-01	M2x0.4
542-002-21	M2.2x0.45
542-002-51	M2.5x0.45
542-003-01	M3x0.5
542-003-02	M3.5x0.6
542-004-01	M4x0.7
542-005-01	M5x0.8
542-006-01	M6x1

Kod	Ölçü(mm)
542-007-01	M7x1
542-008-01	M8x1.25
542-009-01	M9x1.25
542-010-01	M10x1.5
542-011-01	M11x1.5
542-012-01	M12x1.75
542-014-01	M14x2
542-016-01	M16x2

Kod	Ölçü(mm)
542-018-01	M18x2.5
542-020-01	M20x2.5
542-022-01	M22x2.5
542-024-01	M24x3
542-027-01	M27x3
542-030-01	M30x3.5
542-033-01	M33x3.5
542-036-01	M36x4

Kod	Ölçü(mm)
542-039-01	M39x4
542-042-01	M42x4.5
542-045-01	M45x4.5
542-048-01	M48x5
542-052-01	M52x5
542-056-01	M56x5.5
542-060-01	M60x5.5

543 SERİSİ TAMPON DİŞ MASTARLAR

ÖZEL YAPIM
İstek üzerine diğer ölçüler yapılır

- Grade 6H
- ISO1502
- Sertlik HRC60-62 , iyi aşınma direnci



543-020-01

Kod	Ölçü(mm)
543-002-01	M2x0.25
543-002-21	M2.2x0.25
543-002-31	M2.5x0.35
543-003-01	M3x0.35
543-003-02	M3.5x0.35
543-004-01	M4x0.5
543-005-01	M5x0.5
543-006-01	M6x0.5
543-006-02	M6x0.75
543-007-01	M7x0.5
543-007-02	M7x0.75
543-008-01	M8x0.5
543-008-02	M8x0.75
543-008-03	M8x1
543-009-01	M9x0.5
543-009-02	M9x0.75
543-009-03	M9x1
543-010-01	M10x0.5
543-010-02	M10x0.75
543-010-03	M10x1
543-010-04	M10x1.25
543-011-01	M11x0.5

Kod	Ölçü(mm)
543-011-02	M11x0.75
543-011-03	M11x1
543-012-01	M12x0.5
543-012-02	M12x0.75
543-012-03	M12x1
543-012-04	M12x1.25
543-012-05	M12x1.5
543-014-01	M14x0.5
543-014-02	M14x0.75
543-014-03	M14x1
543-014-04	M14x1.25
543-014-05	M14x1.5
543-016-01	M16x0.5
543-016-02	M16x0.75
543-016-03	M16x1
543-016-04	M16x1.5
543-018-01	M18x0.5
543-018-02	M18x0.75
543-018-03	M18x1
543-018-04	M18x1.5
543-018-05	M18x2
543-020-01	M20x0.5

Kod	Ölçü(mm)
543-020-02	M20x0.75
543-020-03	M20x1
543-020-04	M20x1.5
543-020-05	M20x2
543-022-01	M22x0.5
543-022-02	M22x0.75
543-022-03	M22x1
543-022-04	M22x1.5
543-022-05	M22x2
543-024-01	M24x0.75
543-024-02	M24x1
543-024-03	M24x1.5
543-024-04	M24x2
543-027-01	M27x0.75
543-027-02	M27x1
543-027-03	M27x1.5
543-027-04	M27x2
543-030-01	M30x0.75
543-030-02	M30x1
543-030-03	M30x1.5
543-030-04	M30x2
543-030-05	M30x3

Kod	Ölçü(mm)
543-033-01	M33x0.75
543-033-02	M33x1
543-033-03	M33x1.5
543-033-04	M33x2
543-033-05	M33x3
543-036-01	M36x1
543-036-02	M36x1.5
543-036-03	M36x2
543-036-04	M36x3
543-039-01	M39x1
543-039-02	M39x1.5
543-039-03	M39x2
543-039-04	M39x3
543-042-01	M42x1
543-042-02	M42x1.5
543-042-03	M42x2
543-042-04	M42x3
543-042-05	M42x4
543-045-01	M45x1
543-045-02	M45x1.5
543-045-03	M45x2
543-045-04	M45x3

Kod	Ölçü(mm)
543-045-05	M45x4
543-048-01	M48x1
543-048-02	M48x1.5
543-048-03	M48x2
543-048-04	M48x3
543-048-05	M48x4
543-052-01	M52x1
543-052-02	M52x1.5
543-052-03	M52x2
543-052-04	M52x3
543-052-05	M52x4
543-056-01	M56x1
543-056-02	M56x1.5
543-056-03	M56x2
543-056-04	M56x3
543-056-05	M56x4
543-060-01	M60x1
543-060-02	M60x1.5
543-060-03	M60x2
543-060-04	M60x3
543-060-05	M60x4

537/538 SERİSİ

AMERİKAN STANDARDI HALKA DİŞ MASTARLAR

ÖZEL YAPIM
İstek üzerine diğer ölçüler yapılır

- Class 2A
- ANSI B1.2
- Yağda Sertleştirilmiş çekmez çelikten yapılmıştır
- Sertlik HRC60-62



537-71620-UNF

Kod (geçer)	Kod (geçmez)	Ölçü
537-00440-UNC	538-00440-UNC	4-40UNC
537-04048-UNF	538-04048-UNF	4-48UNF
537-00632-UNC	538-00632-UNC	6-32UNC
537-06040-UNF	538-06040-UNF	6-40UNF
537-00832-UNC	538-00832-UNC	8-32UNC
537-08036-UNF	538-08036-UNF	8-36UNF
537-01024-UNC	538-01024-UNC	10-24UNC
537-01032-UNF	538-01032-UNF	10-32UNF
537-01420-UNC	538-01420-UNC	1/4-20UNC
537-01428-UNF	538-01428-UNF	1/4-28UNF
537-51618-UNC	538-51618-UNC	5/16-18UNC
537-51624-UNF	538-51624-UNF	5/16-24UNF
537-03816-UNC	538-03816-UNC	3/8-16UNC
537-03824-UNF	538-03824-UNF	3/8-24UNF

Kod (geçer)	Kod (geçmez)	Ölçü
537-71614-UNC	538-71614-UNC	7/16-14UNC
537-71620-UNF	538-71620-UNF	7/16-20 UNF
537-01213-UNC	538-01213-UNC	1/2-13 UNC
537-01220-UNF	538-01220-UNF	1/2-20 UNF
537-91612-UNC	538-91612-UNC	9/16-12UNC
537-91618-UNF	538-91618-UNF	9/16-18UNF
537-05811-UNC	538-05811-UNC	5/8-11UNC
537-05818-UNF	538-05818-UNF	5/8-18UNF
537-03410-UNC	538-03410-UNC	3/4-10UNC
537-03416-UNF	538-03416-UNF	3/4-16UNF
537-07809-UNC	538-07809-UNC	7/8-9UNC
537-07814-UNF	538-07814-UNF	7/8-14UNF
537-01080-UNC	538-01080-UNC	1-8 UNC
537-01012-UNF	538-01012-UNF	1-12UNF

547 SERİSİ

AMERİKAN STANDARDI TAMPON DİŞ MASTARLAR

ÖZEL YAPIM
İstek üzerine diğer ölçüler yapılır

- Class 2B
- ANSI B1.2
- Yağda Sertleştirilmiş çekmez çelikten yapılmıştır
- Sertlik HRC60-62



547-71620-UNF

Kod (geçer)	Ölçü
547-00440-UNC	4-40UNC
547-04048-UNF	4-48UNF
547-00632-UNC	6-32UNC
547-06040-UNF	6-40UNF
547-00832-UNC	8-32UNC
547-08036-UNF	8-36UNF
547-01024-UNC	10-24UNC
547-01032-UNF	10-32UNF
547-01420-UNC	1/4-20UNC
547-01428-UNF	1/4-28UNF

Kod (geçer)	Ölçü
547-51618-UNC	5/16-18UNC
547-51624-UNF	5/16-24UNF
547-03816-UNC	3/8-16UNC
547-03824-UNF	3/8-24UNF
547-71614-UNC	7/16-14UNC
547-71620-UNF	7/16-20 UNF
547-01213-UNC	1/2-13 UNC
547-01220-UNF	1/2-20 UNF
547-91612-UNC	9/16-12UNC
547-91618-UNF	9/16-18UNF

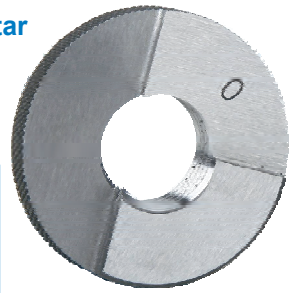
Kod (geçer)	Ölçü
547-05811-UNC	5/8-11UNC
547-05818-UNF	5/8-18UNF
547-03410-UNC	3/4-10UNC
547-03416-UNF	3/4-16UNF
547-07809-UNC	7/8-9UNC
547-07814-UNF	7/8-14UNF
547-01080-UNC	1-8 UNC
547-01012-UNF	1-12UNF

544 SERİSİ NPT DİŞ MASTARLARI

- ANSI/ASME B1.20.1
- Taper: 1:16
- Yağda Sertleştirilmiş çekmez çelikten yapılmıştır

Halka mastar

Kod	Ölçü	Kod	Ölçü
544-027-04R	NPT 1/16" x 27	544-11D5-12R	NPT1-1/4"x11.5
544-027-03R	NPT 1/8" x 27	544-11D5-11R	NPT1-1/2"x11.5
544-018-02R	NPT1/4" x 18	544-11D5-20R	NPT2"X11.5
544-018-33R	NPT3/8"x18	544-008-21R	NPT2-1/2"X8
544-014-01R	NPT1/2" x 14	544-008-30R	NPT3"X8
544-014-32R	NPT3/4"x14	544-008-32R	NPT3-1/2"X8
544-11D5-10R	NPT1"x11.5	544-008-40R	NPT4"X8



Arka



Ön

544-014-01R

- ANSI/ASME B1.20.1
- Taper: 1:16
- Yağda Sertleştirilmiş çekmez çelikten yapılmıştır

Tampon mastar

Kod	Ölçü	Kod	Ölçü
544-027-04	NPT 1/16" x 27	544-11D5-12	NPT1-1/4"x11.5
544-027-03	NPT 1/8" x 27	544-11D5-11	NPT1-1/2"x11.5
544-018-02	NPT1/4" x 18	544-11D5-20	NPT2"X11.5
544-018-33	NPT3/8"x18	544-008-21	NPT2-1/2"X8
544-014-01	NPT1/2" x 14	544-008-30	NPT3"X8
544-014-32	NPT3/4"x14	544-008-32	NPT3-1/2"X8
544-11D5-10	NPT1"x11.5	544-008-40	NPT4"X8



544-014-01

535/536/545 SERİSİ WITHWORTH DİŞ MASTARLARI (G)

- ISO228
- Class B

Halka mastar

Kod (geçer)	Kod (geçmez)	Ölçü	Kod (geçer)	Kod (geçmez)	Ölçü
535-0125-01	536-0125-01	G1/8-28	535-1125-01	536-1125-01	G1-1/8-11
535-0250-01	536-0250-01	G1/4-19	535-1250-01	536-1250-01	G1-1/4-11
535-0375-01	536-0375-01	G3/8-19	535-1500-01	536-1500-01	G1-1/2-11
535-0500-01	536-0500-01	G1/2-14	535-1750-01	536-1750-01	G1-3/4-11
535-0625-01	536-0625-01	G5/8-14	535-2000-01	536-2000-01	G2-11
535-0750-01	536-0750-01	G3/4-14	535-2500-01	536-2500-01	G2-1/2-11
535-0875-01	536-0875-01	G7/8-14	535-3000-01	536-3000-01	G3-11
535-1000-01	536-1000-01	G1-11	535-4000-01	536-4000-01	G4-11



535-0250-01



536-0250-01

- ISO228

Tampon mastar

Kod	Ölçü	Kod	Ölçü
545-0125-01	G1/8-28	545-1125-01	G1-1/8-11
545-0250-01	G1/4-19	545-1250-01	G1-1/4-11
545-0375-01	G3/8-19	545-1500-01	G1-1/2-11
545-0500-01	G1/2-14	545-1750-01	G1-3/4-11
545-0625-01	G5/8-14	545-2000-01	G2-11
545-0750-01	G3/4-14	545-2500-01	G2-1/2-11
545-0875-01	G7/8-14	545-3000-01	G3-11
545-1000-01	G1-11	545-4000-01	G4-11

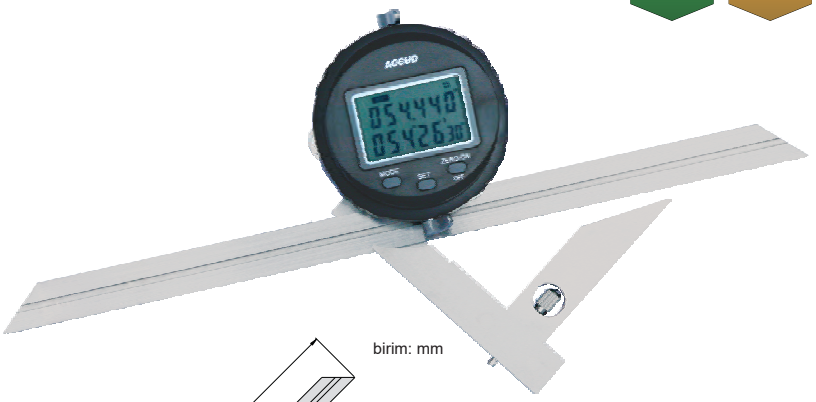


545-0500-01

822 DİJİTAL AÇI ÖLÇER

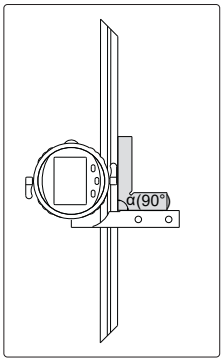
Veri çıkışı | CR2032

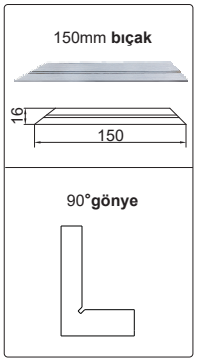
- Butonlar:
  SET: değer setleme ve ölçü yönünü değiştirme
  MODE: aralık seçimi 90°, 180°, 360°ZERO/ ON/OFF: sıfırlama ve açma kapama
- Veri çıkışı
- 150mm bıçak ve 90° gönye
- Paslanmaz çelik

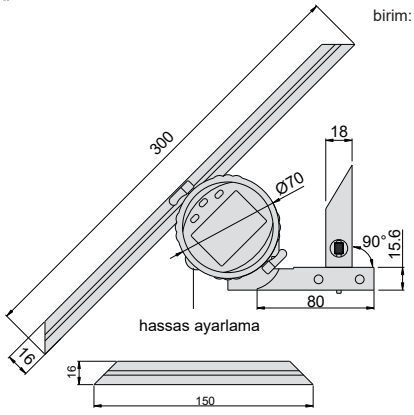


birim: mm

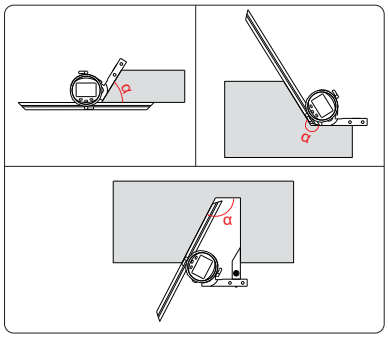
Sıfırlama





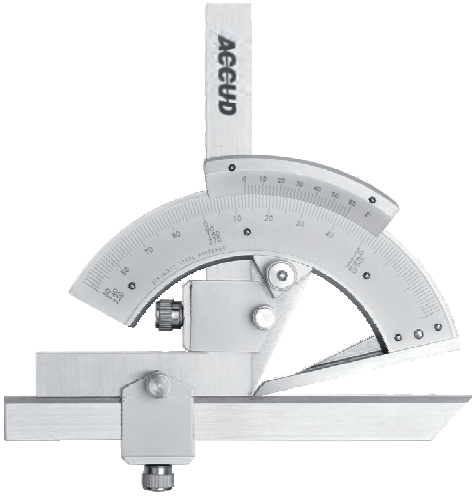


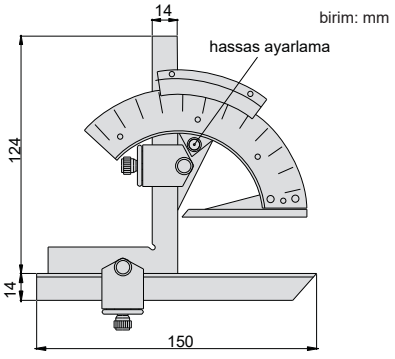
Uygulama



Kod	Aralık	Çözünürlük	Hassasiyet	Fiyat
822-360-01	0-360°	10"/0.005°	±5'	**530 $**

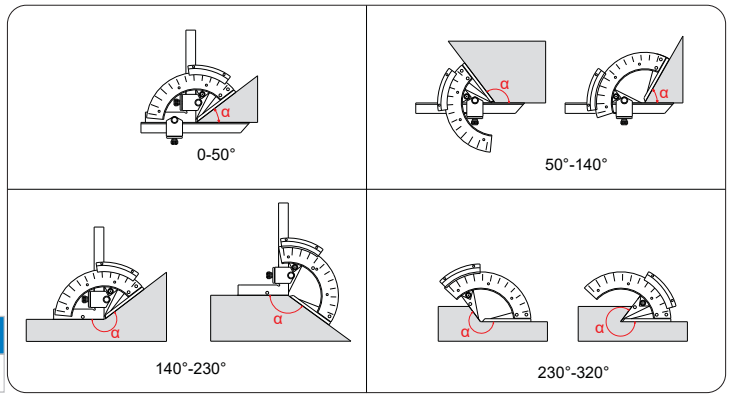
814 AÇI ÖLÇER





- Okuma: 2'
- Paslanmaz çelik
- Krom kaplama okuma yüzeyi

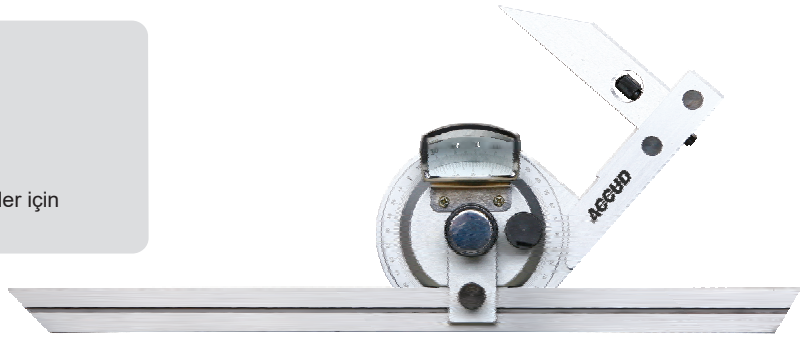
Uygulama

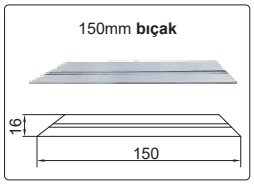


Kod	Aralık	Hassasiyet	Fiyat
814-320-01	0-320°	±2'	**184 $**

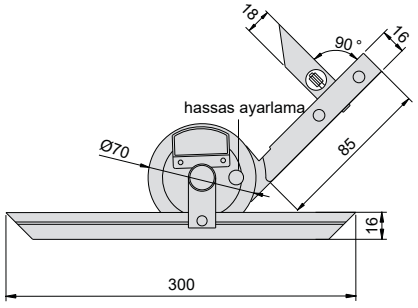
815 ÜNİVERSAL AÇI ÖLÇER

- Okuma: 5'
- Paralakksız okuma
- Tek bıçak: 150mm
- Paslanmaz çelik
- Opsiyonel aksesuar: mihengirler için bağlama aparatı

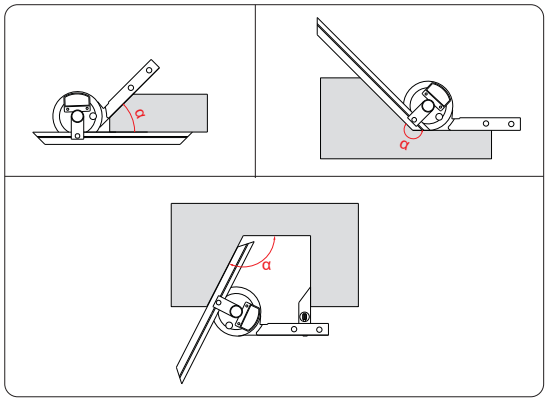




birim: mm



Uygulama

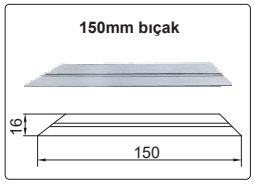


Kod	Aralık	Hassasiyet	Fiyat
815-360-01	0-360°	±5'	171 $

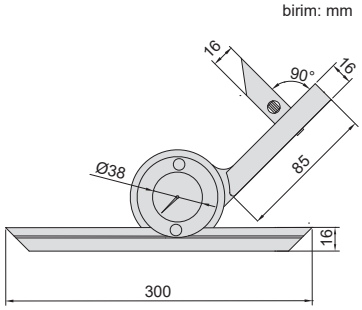
816 ÜNİVERSAL AÇI ÖLÇER

- Okuma: 5'
- Tek bıçak: 150mm
- Karbon çelik
- Opsiyonel aksesuar: mihengirler için bağlama aparatı

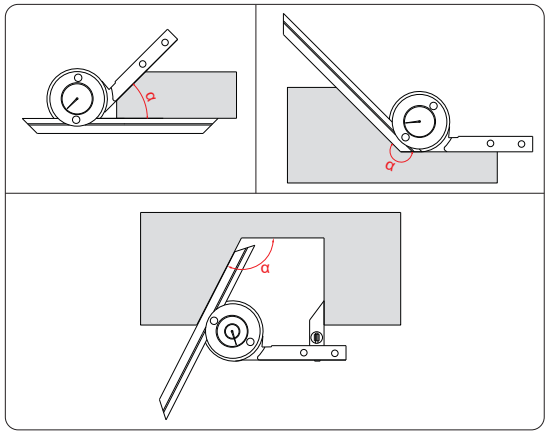




birim: mm



Uygulama

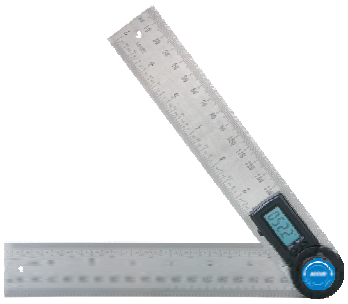


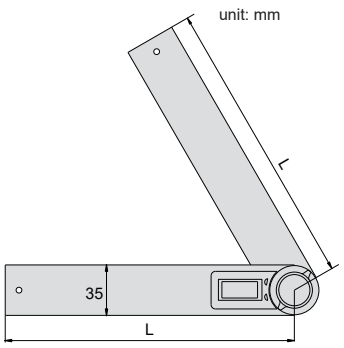
Kod	Aralık	Hassasiyet	Fiyat
816-360-01	0-360°	±5'	242 $

821 SERİSİ DİJİTAL AÇI ÖLÇER

CR2032

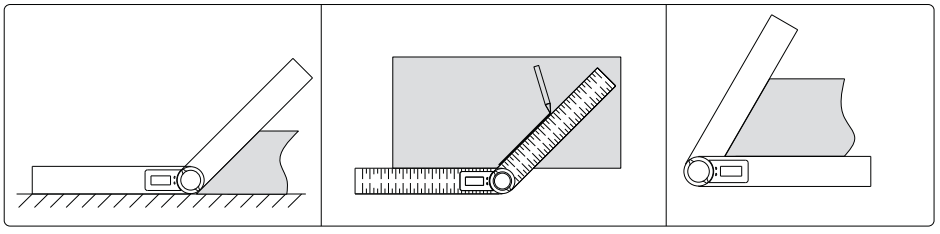
- Çözünürlük: 0.1°
- Butonlar: on/off, zero
- Kilitleme vidası
- Cetvel okuma: 1mm and 1/32"
- Otomatik kapanma





821-008-01

Uygulama



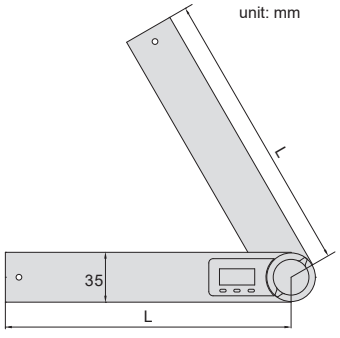
Kod	Boy(L)	Aralık	Hassasiyet	Fiyat
821-008-01	200mm	0-360°	±0.3°	71 $
821-012-01	300mm	0-360°	±0.3°	78 $

821 SERİSİ DİJİTAL AÇI ÖLÇER

CR2032

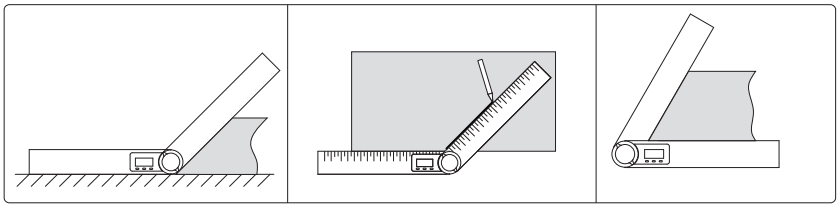
- Çözünürlük: 0.1°
- Butonlar: on/off, zero
- Kilitleme vidası
- Cetvel okuma: 1mm and 1/32"
- Otomatik kapanma





821-008-01N

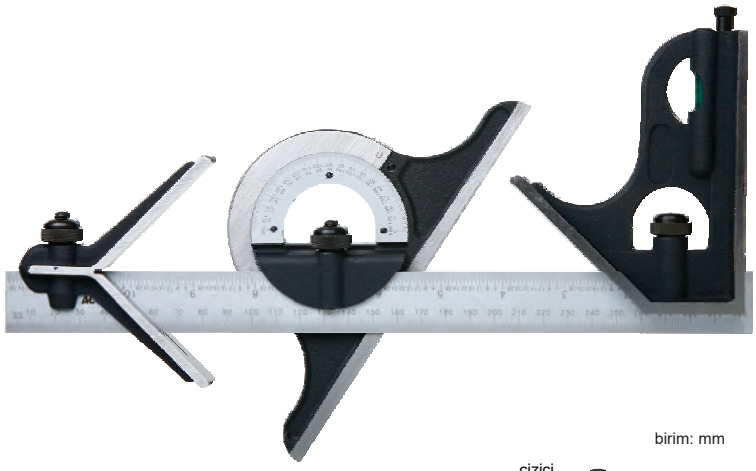
Uygulama



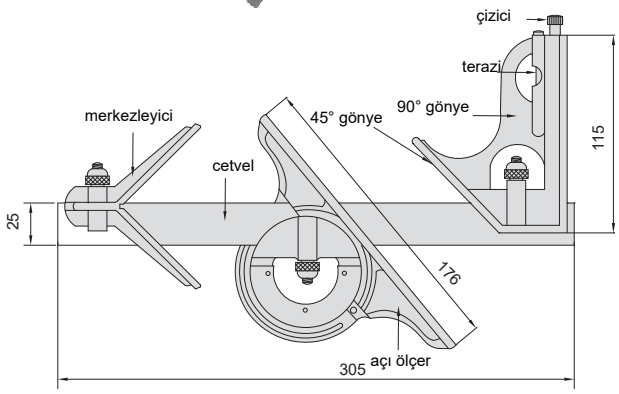
Kod	Boy(L)	Aralık	Hassasiyet	Fiyat
821-008-01N	200mm	0-360°	±0.3°	71 $
821-012-01N	300mm	0-360°	±0.3°	78 $

817 KOMBİNE AÇI ÖLÇER - GÖNYE SETİ

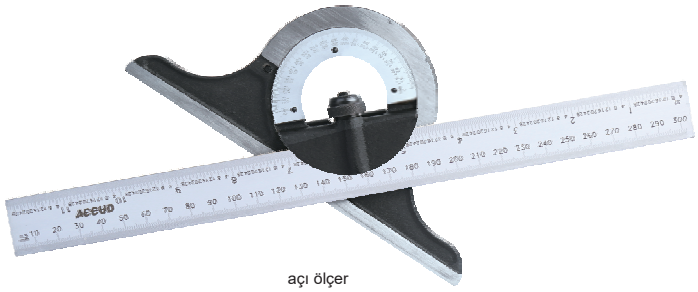
- Açı ölçer:
  Açı ayarlama ve açı ölçümleri için
  ölçüm aralığı: 0-180°, hassasiyet: ±7'
- Gönye:
  90° gönye veya 45° gönye olarak kullanım
  90° gönye hassasiyeti: ±8',
  45° gönye hassasiyeti:: ±10'
- Cetvel:
  Ölçüm aralığı: 300mm/12"
  Ön okuma: 0.5mm ve 1/32"
  Arka okuma: 1mm ve 1/64"
- Merkezleyici:
  Silindir merkezlerini bulmak için
  Hassasiyet: ±0.15mm



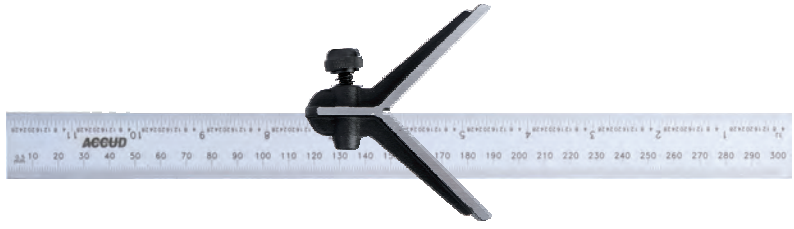
birim: mm



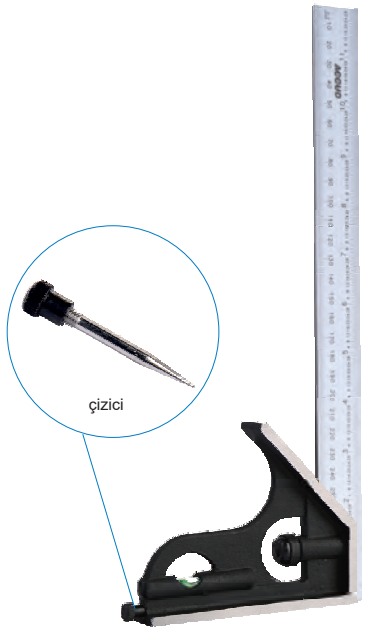
Uygulama



açı ölçer



merkezleyici



90° gönye

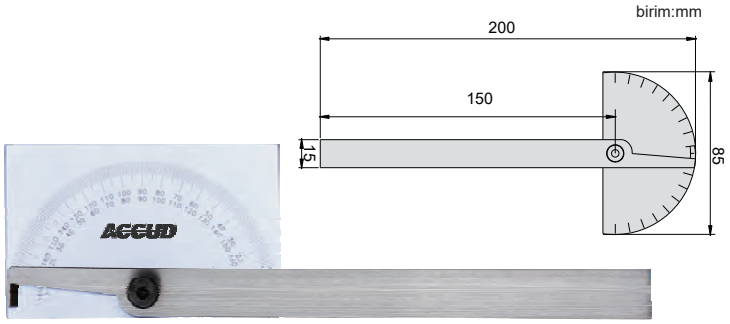
Kod	Fiyat
817-180-02	205 $

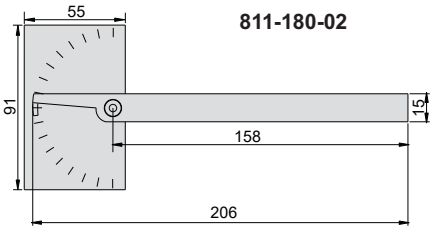
811 SERİSİ AÇI ÖLÇER

- Okuma: 1°
- Paslanmaz çelik
- Krom kaplama okuma yüzeyi
- Kilitleme vidası



811-180-01





811-180-02

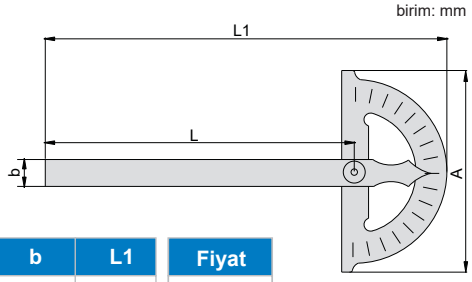
Kod	Ölçü	Aralık	Hassasiyet	Fiyat
811-180-01	85x150mm	0 - 180°	±0.3°	45 $
811-180-02	91x158mm	0 - 180°	±0.3°	45 $

812 SERİSİ AÇI ÖLÇER

- Okuma:1°
- Paslanmaz çelik
- Krom kaplama okuma yüzeyi
- Kilitleme vidası



812-003-01



Kod	Ölçü(AxL)	Aralık	Hassasiyet	b	L1	Fiyat
812-003-01	80x120mm	0 - 180°	±0.3°	11	165	41 $
812-005-01	120x150mm	0 - 180°	±0.3°	13	215	47 $
812-006-01	150x200mm	0 - 180°	±0.3°	16	280	63 $
812-008-01	200x300mm	0 - 180°	±0.3°	20	410	87 $
812-012-01	300x500mm	0 - 180°	±0.3°	30	675	121 $

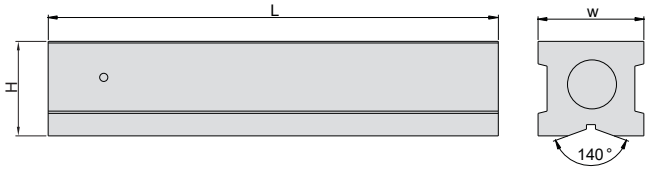
713 SERİSİ DÜZ SU TERAZİSİ

- İşlenmiş yüzeylerin yatay olarak ayarlanmasında kullanılır
- Hassasiyet: 0.02mm/m her çizgi
- V- yatağı: 14



713-006-02

birim: mm



Kod	Boy (L)	H	W	Fiyat
713-006-02	150mm	40	45	249 $
713-008-02	200mm	42	47	280 $
713-012-02	300mm	45	50	356 $

711 SERİSİ KARE SU TERAZİSİ

- İşlenmiş yüzeylerin yatay olarak ayarlanmasında kullanılır
- Hassasiyet: 0.02mm/m her çizgi
- İki V Yatağı ve iki düz referans yüzeyi

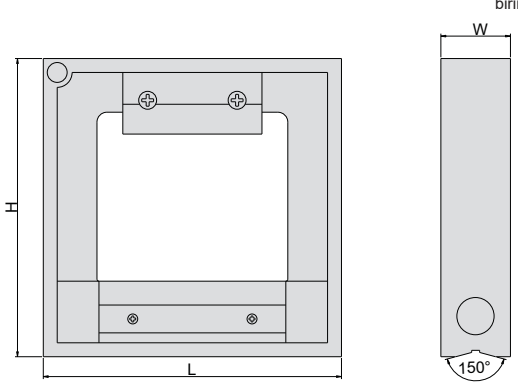


711-006-02



711-004-02

birim: mm



Kod	Boy (LxHxW)	Fiyat
711-004-02	100x100x32mm	261 $
711-006-02	150x150x35mm	287 $
711-008-02	200x200x42mm	318 $
711-012-02	300x300x42mm	493 $

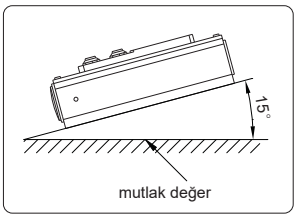
712 DİJİTAL SU TERAZİSİ

LI-ION

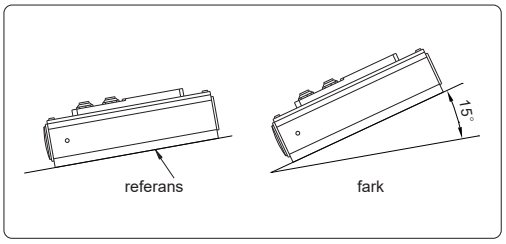
- Duyarlılık: 0 .01mm/m(0.001°)
- Hassasiyet: 10mm aralık≤± 0.01mm/m
  10mm-50mm aralık≤± 0.02mm/m
- İşlenmiş yüzeylerin yatay olarak ayarlanmasında kullanılır
- Dikey terazi ile
- Butonlar: on/off, zero, mm/inch, save/mode,
- ABS 3.6V li-ion pil
- Hafıza: 6

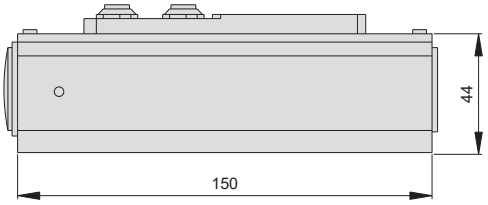


su terazisi olarak kullanım

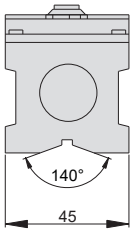


açı ölçer olarak kullanım





birim: mm



Kod	Aralık	Okuma	Fiyat
712-006-01	±50mm/m	0.01mm/m	

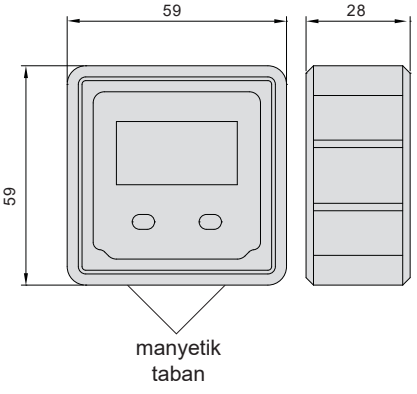
721 SERİSİ DİJİTAL SU TERAZİSİ

AAA

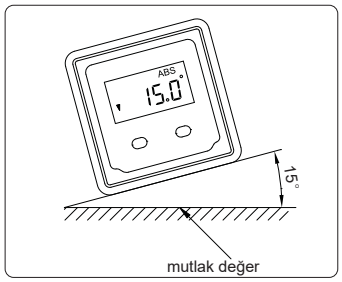
- Su terazisi veya açı ölçer olarak kullanım
- Hassasiyet : ±0.1°(dikey ve yatay),
  ±0.2°(diğer yönler)
- Mutlak yatay referans değeri içerisinde hep kayıtlıdır
- Butonlar: on/off, zero
- Manyetik taban
- 4 yönde kullanım
- Otomatik kapanma



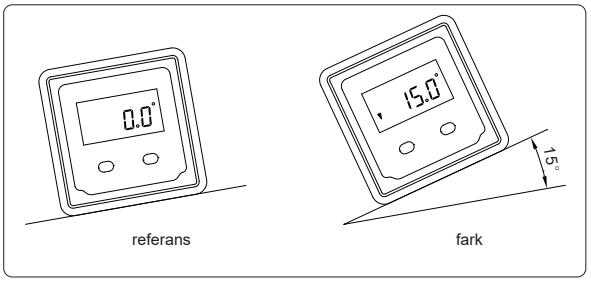
birim: mm



su terazisi olarak kullanım



açı ölçer olarak kullanım

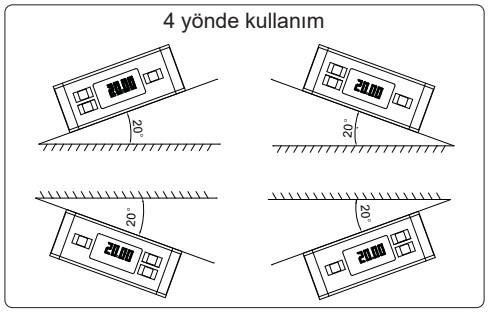


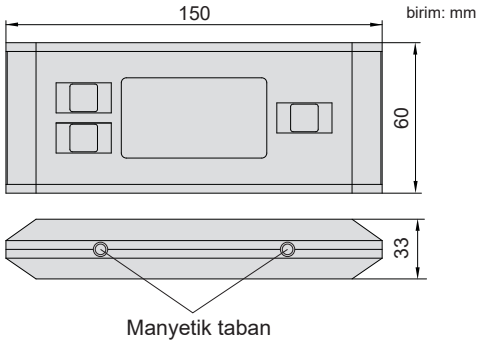
Kod	Aralık	Çözünürlük	Fiyat
721-180-01	0 - 360°(90°x4)	0.05°	**89 $**

722 DİJİTAL SU TERAZİSİ

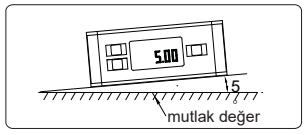
- Su terazisi veya açı ölçer olarak kullanım
- Çözünürlük: 0.05°
- Hassasiyet: ±0.1°(dikey ve yatay), ±0.2°(diğer yönler)
- Kanallı manyetik taban
- Alüminyum gövde, yüksek sağlamlık ve düşük ağırlık sağlar
- Mutlak yatay referans değeri içerisinde hep kayıtlıdır



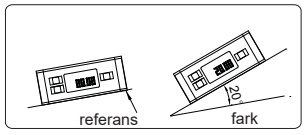




su terazisi olarak kullanım



açı ölçer olarak kullanım

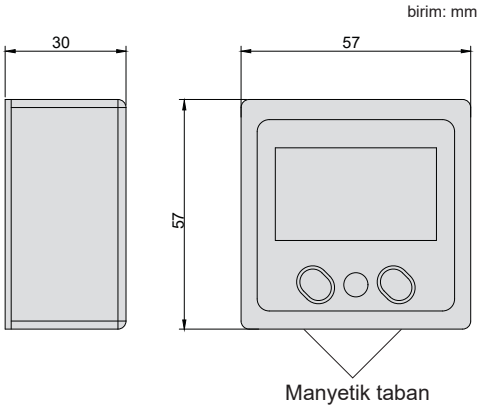


Kod	Aralık	Boyut(LxWxH)	Fiyat
722-360-01	0-360° (90°x4)	150x60x33mm	**163 $**

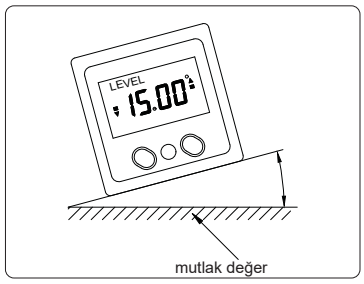
723 DİJİTAL SU TERAZİSİ

- Su terazisi veya açı ölçer olarak kullanım
- 4 yönde kullanım
- Manyetik taban
- Hassasiyet: ±0.1°(dikey ve yatay), ±0.2°(diğer yönler)
- Metal gövde
- Ekran yönünü otomatik algılama

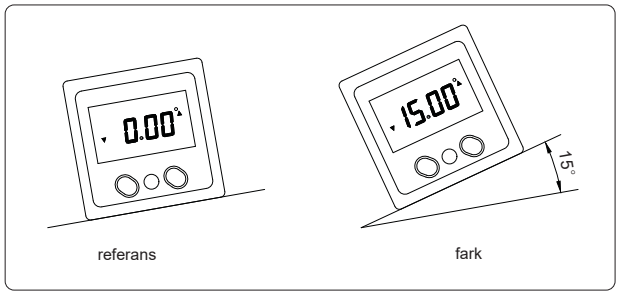




su terazisi olarak kullanım



açı ölçer olarak kullanım

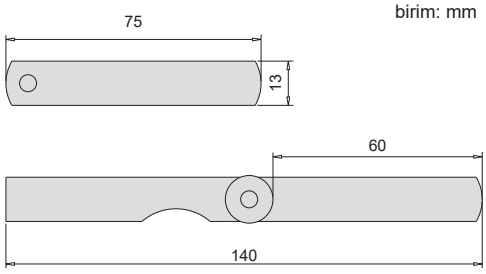


Kod	Aralık	Çözünürlük	Fiyat
723-360-01	0-360° (4x90°)	0.05°	**138 $**

911 FİLLER ÇAKISI

- DIN2275
- Hassasiyet: ±(3+T/80)µm, T :yaprak kalınlığı, birim: µm



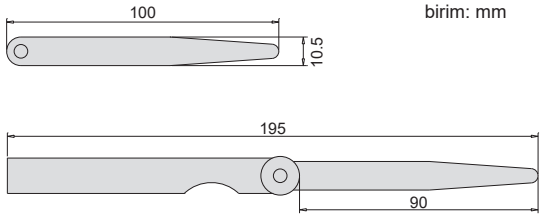


birim: mm

Kod	Aralık	Adet	Yaprak kalınlıkları (mm)	Fiyat
911-100-25	0.04 - 1.00mm	25	0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 0.95, 1.00	**13 $**

912 SERİSİ FİLLER ÇAKISI

- DIN2275
- Hassasiyet: ±(3+T/80)µm,T:yaprak kalınlığı, birim: µm



birim: mm



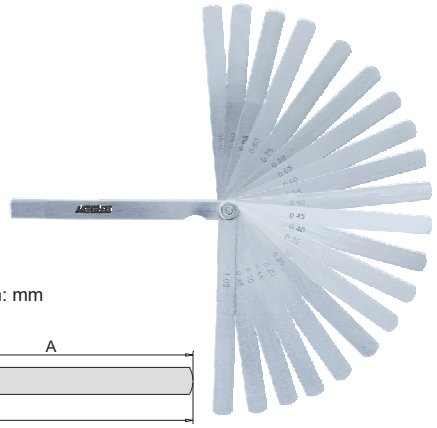
912-100-20

Kod	Aralık	Adet	Yaprak kalınlıkları (mm)	Fiyat
912-050-13	0.03 - 0.50mm	13	0.03, 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.15, 0.20, 0.30, 0.40, 0.50	**13 $**
912-100-13	0.05 - 1.00mm	13	0.05, 0.10, 0.15, 0.20, 0.25, 0.30, 0.40, 0.50, 0.60, 0.70, 0.80, 0.90, 1.00	**11 $**
912-100-17	0.02 - 1.00mm	17	0.02, 0.03, 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.15, 0.20, 0.25, 0.30, 0.40, 0.50, 0.75, 1.00	**13 $**
912-100-20	0.05 - 1.00mm	20	0.05, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 0.95, 1.00	**15 $**
912-100-32	0.03 - 1.00mm	32	0.03, 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.13, 0.15, 0.18, 0.20, 0.23, 0.25, 0.28, 0.30, 0.33, 0.35, 0.38, 0.40, 0.45, 0.50, 0.55, 0.60, 0.63, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 1.00	**17 $**

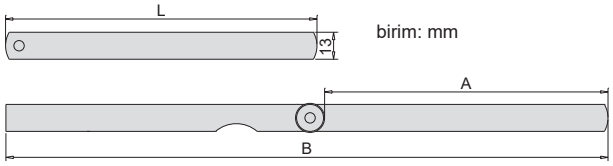
913/914/915 SERİSİ FİLLER ÇAKISI

- DIN2275
- Hassasiyet: ±(3+T/80)µm,T:yaprak kalınlığı, birim: µm

913-100-20



L	A	B
150	135	295
200	185	395
300	285	590



birim: mm

Kod	Aralık	Adet	Yaprak kalınlıkları (mm)	L	Fiyat
913-100-13	0.05 - 1.00mm	13	0.05, 0.10, 0.15, 0.20, 0.25, 0.30, 0.40, 0.50, 0.60, 0.70, 0.80, 0.90, 1.00	150	18 $
914-100-13	0.05 - 1.00mm	13		200	21 $
915-100-13	0.02 - 1.00mm	13		300	27 $
913-100-17	0.02 - 1.00mm	17	0.02, 0.03, 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.15, 0.20, 0.25, 0.30, 0.40, 0.50, 0.75, 1.00	150	19 $
914-100-17	0.02 - 1.00mm	17		200	25 $
915-100-17	0.02 - 1.00mm	17		300	35 $
913-100-20	0.05 - 1.00mm	20	0.05, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 0.95, 1.00	150	21 $
914-100-20	0.05 - 1.00mm	20		200	26 $
915-100-20	0.05 - 1.00mm	20		300	37 $

916 SERİSİ SENTİL

- Boşluk kontrolünde kullanılır
- Sertleştirilmiş çelik alaşımı
- Boy: 5mm
- Genişlik: 13mm



916-010-01

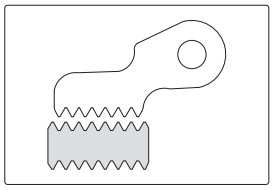
Kod	Kalınlık	Hassasiyet	Fiyat
916-001-01	0.01mm	±3µm	54 $
916-002-01	0.02mm	±4µm	31 $
916-003-01	0.03mm	±4µm	26 $
916-004-01	0.04mm	±4µm	26 $
916-005-01	0.05mm	±4µm	20 $
916-006-01	0.06mm	±4µm	20 $
916-007-01	0.07mm	±5µm	20 $
916-008-01	0.08mm	±5µm	20 $
916-009-01	0.09mm	±5µm	20 $
916-010-01	0.10mm	±5µm	250$

Kod	Kalınlık	Hassasiyet	Fiyat
916-015-01	0.15mm	±5µm	20 $
916-020-01	0.20mm	±8µm	20 $
916-025-01	0.25mm	±9µm	22 $
916-030-01	0.30mm	±9µm	27 $
916-035-01	0.35mm	±11µm	30 $
916-040-01	0.40mm	±12µm	31 $
916-045-01	0.45mm	±12µm	31 $
916-050-01	0.50mm	±14µm	33 $
916-055-01	0.55mm	±14µm	33 $
916-060-01	0.60mm	±14µm	33 $

Kod	Kalınlık	Hassasiyet	Fiyat
916-065-01	0.65mm	±14µm	33 $
916-070-01	0.70mm	±17µm	35 $
916-075-01	0.75mm	±17µm	35 $
916-080-01	0.80mm	±19µm	35 $
916-085-01	0.85mm	±19µm	35 $
916-090-01	0.90mm	±22µm	35 $
916-095-01	0.95mm	±22µm	35 $
916-100-01	1.00mm	±24µm	35 $

922/923/924/925 SERİSİ DİŞ TARAĞI

- Diş hatvesi ölçümü
- Hassasiyet: ±0.07mm





922-007-22

METRİK 60°

Kod	Aralık	Adet	Hatve	Fiyat
922-007-22	0.4 - 7.0mm	22	0.4, 0.5, 0.6, 0.7, 0.75, 0.8, 0.9, 1, 1.25, 1.5, 1.75, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7mm	19 $
922-007-24	0.25 - 7.0mm	24	0.25, 0.3, 0.35, 0.4, 0.5, 0.7, 0.75, 0.8, 0.9, 1, 1.25, 1.5, 1.75, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7mm	20 $
922-006-24	0.25 - 6.0mm	24	0.25, 0.3, 0.35, 0.4, 0.45, 0.5, 0.6, 0.7, 0.75, 0.8, 0.9, 1, 1.25, 1.5, 1.75, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6mm	18 $
922-025-28	0.25 - 2.5mm	28	0.25, 0.3, 0.35, 0.4, 0.45, 0.5, 0.55, 0.6, 0.65, 0.7, 0.75, 0.8, 0.85, 0.9, 1.0, 1.1, 1.2, 1.25, 1.3, 1.4, 1.5, 1.6, 1.7, 1.75, 1.8, 1.9, 2.0, 2.5mm	28 $

UNIFIED 60°

Kod	Aralık	Adet	Hatve	Fiyat
923-042-30	4 - 42TPI	30	4, 4-1/2, 5, 5-1/2, 6, 7, 8, 9, 10, 11, 11-1/2, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30, 32, 34, 36, 38, 40, 42TPI	22 $

WHITWORTH 55°

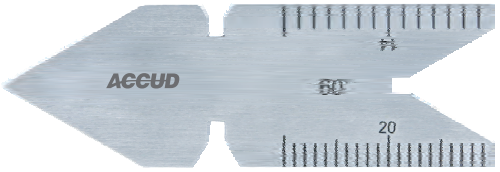
Kod	Aralık	Adet	Hatve	Fiyat
924-042-30	4 - 42TPI	30	4, 4-1/2, 5, 5-1/2, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 18, 19, 20, 22, 24, 26, 27, 28, 30, 32, 34, 36, 38, 40, 42TPI	22 $
924-062-28	4 - 62TPI	28	4, 4-1/2, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 19, 20, 22, 24, 25, 26, 28, 30, 32, 36, 40, 48, 60, 62TPI	21 $

METRİK60°VEWHITWORTH55°

Kod	Aralık	Adet	Hatve	Fiyat
925-062-52	0.25 - 6.0mm and 4 - 62TPI	52	**922-006-24** ve **924-062-28'nin hatveleri**	23 $

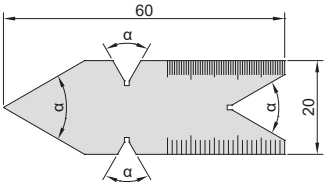
926 SERİSİ DİŞ MASTARI

- Diş açısı ve hatvel kontrolü
- Hassasiyet: ±30'

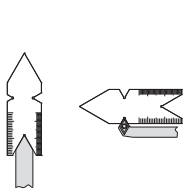


926-060-02

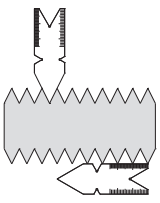
birim: mm



Kod	Diş tipi	Açı(α)	Okuma	Fiyat
926-060-01	metric 60°	60°	0.5mm ve 1mm	10 $
926-060-02	unified 60°	60°	ön taraf: 1/14"ve 1/20", arka taraf: 1/24"ve 1/32"	11 $
926-055-01	whitworth 55°	55°	ön taraf: 1/14"ve 1/20", arka taraf: 1/24" ve1/32"	10 $



Açı karşılaştırması



açı ve hatve kontrolü

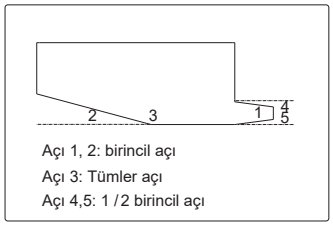
932 AÇI MASTAR SETİ

- Birincil açı, 1/2 birincil açı ve tümler açı kontrolü

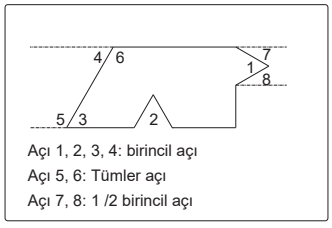
Kod	Adet	Hassasiyet	Fiyat
932-018-01	18	±10'	**66 $**

Birincil açı	½ birincil açı	Tümler açı
5°	2°30'	175°
10°	5°	170°
15°	7°30'	165°
20°	10°	160°
25°	12°30'	155°
30°	15°	150°
35°	17°30'	145°
40°	20°	140°
45°	22°30'	135°
50°	25°	130°
55°	27°30'	125°
60°	30°	120°
65°	32°30'	115°
70°	35°	110°
75°	37°30'	105°
80°	40°	100°
85°	42°30'	95°
90°	45°	90°



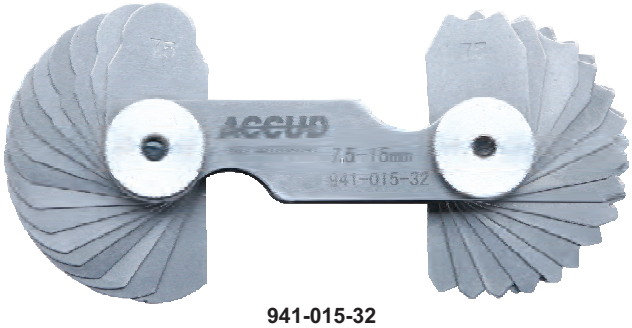


Açı 1, 2: birincil açı
Açı 3: Tümler açı
Açı 4,5: 1 /2 birincil açı



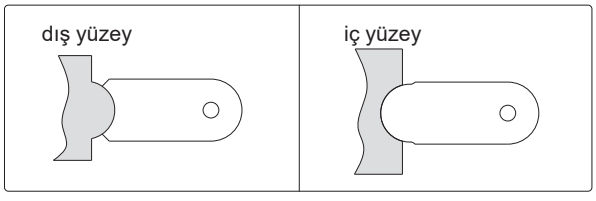
Açı 1, 2, 3, 4: birincil açı
Açı 5, 6: Tümler açı
Açı 7, 8: 1 /2 birincil açı

941 SERİSİ RADYÜS MASTARI



941-015-32

- Radyüs kontrlü
- İç ve dış ölçüm yüzeyleri



Kod	Aralık	Adet	Hassasiyet	Radyüs ölçüleri (mm)	Fiyat
941-007-34	1-7mm	17x2	±0.03mm	1, 1.25, 1.5, 1.75, 2, 2.25, 2.5, 2.75, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7	**22 $**
941-015-32	7.5-15mm	16x2	±0.035mm	7.5, 8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13, 13.5, 14, 14.5, 15	**23 $**
941-025-30	15.5-25mm	15x2	±0.042mm	15.5, 16, 16.5, 17, 17.5, 18, 18.5, 19, 19.5, 20,21, 22, 23, 24, 25	**24 $**

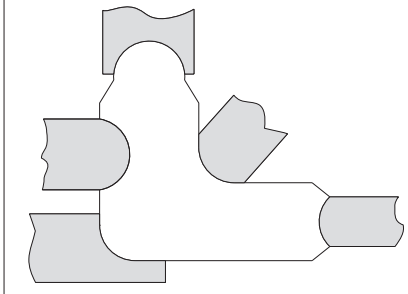
942 RADYÜS MASTAR SETİ

- Her parçada 2 dış ve 3 iç ölçüm yüzeyi
- Tutucu ile
- Hassasiyet : ±0.05mm





Tutucu



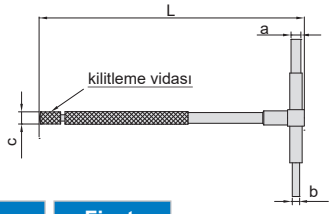
2 dış ve 3 iç ölçüm yüzeyi

Kod	Aralık	Adet	Radyüs ölçüleri(mm)	Fiyat
942-013-26	0.5 - 13mm	26	0.5, 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13	**82 $**

951 TELESKOBİK MASTAR SETİ

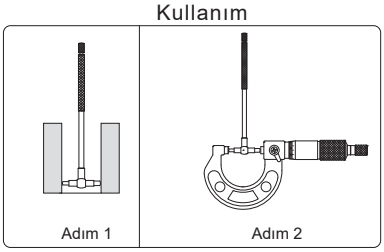


- Her sette 6 mastar
- Hızlı iç çap ölçümü
- Krom kaplama



Kod	Mastar aralıkları	L	a	b	c	Fiyat
951-006-01	8-12.7mm	115mm	Ø3.9mm	Ø2.9mm	Ø6.2mm	**77 $**
	12.7-19mm	115mm	Ø5.3mm	Ø3.8mm	Ø6.2mm	
	19-32mm	115mm	Ø5.3mm	Ø3.8mm	Ø6.2mm	
	32-54mm	137mm	Ø7.6mm	Ø6.1mm	Ø7.2mm	
	54-90mm	137mm	Ø7.6mm	Ø6.1mm	Ø7.2mm	
	90-150mm	137mm	Ø7.6mm	Ø6.1mm	Ø7.2mm	

Kullanım

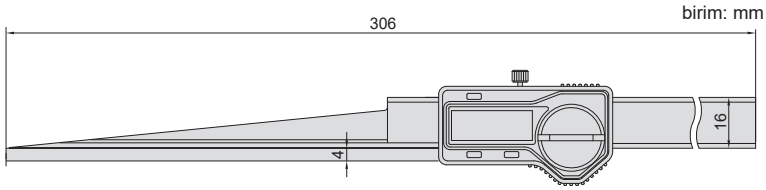


963 DİJİTAL KONİK MASTAR

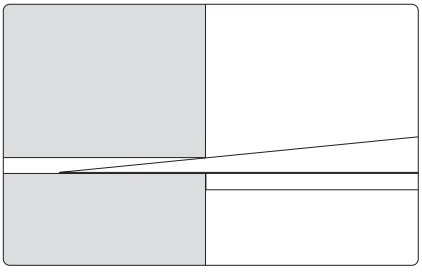
Veri çıkışı

CR2032





- Giriş genişliği ölçümü
- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inch
- Veri çıkışı(kablo kodu:100-11 veya
- 100-12) Otomatik açma kapanma
- Paslanmaz çelik



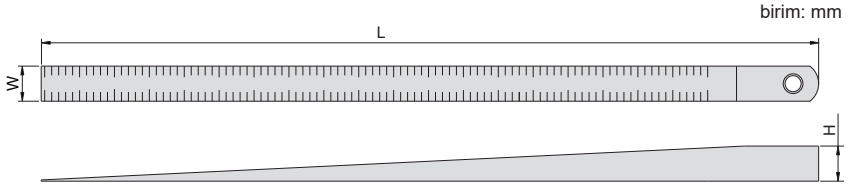
Kod	Aralık	Hassasiyet	Fiyat
963-010-11	0.2-10mm/0.008-0.394"	±0.03mm	**590 $**

961 SERİSİ KONİK MASTAR

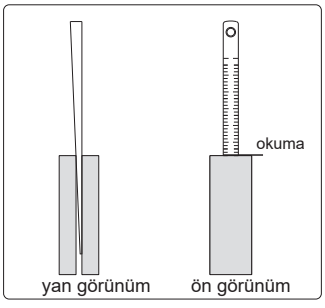
- Boşluk genişlikleri kontrolü
- Krom kaplama okuma yüzeyi
- Paslanmaz çelik



961-010-05



Kod	Aralık	Okuma	Hassasiyet	L	W	H	Fiyat
961-004-05	0.2 - 4mm	0.05mm	±0.05mm	120	12	4.3	**99 $**
961-006-05	0.4 - 6mm	0.05mm	±0.05mm	166	11.5	6.5	**96 $**
961-010-05	0.5 - 10mm	0.05mm	±0.05mm	225	12.5	10.5	**73 $**
961-015-05	0.5 - 15mm	0.1mm	±0.05mm	184	11	16	**102 $**

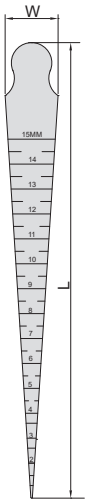


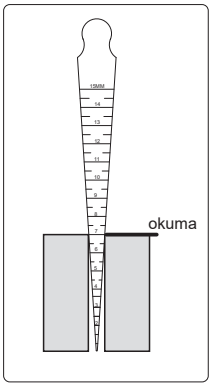
962 SERİSİ KONİK MASTAR

- Kanal genişlikleri ve küçük delik ölçümleri
- Paslanmaz çelik



birim: mm



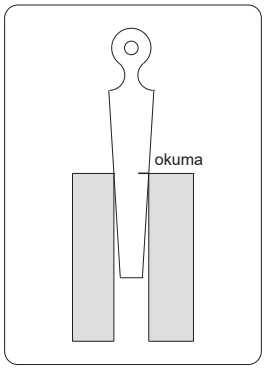


Kod	Aralık	Okuma	Hassasiyet	L	W	Fiyat
962-015-05	0.8-15mm	0.1mm	±0.1mm	146	17	**14 $**
962-030-05	15-30mm	0.1mm	±0.1mm	159	30.4	**28 $**
962-045-05	30-45mm	0.1mm	±0.1mm	166	45.4	**32 $**
962-060-05	45-60mm	0.1mm	±0.1mm	170	60.5	**38 $**

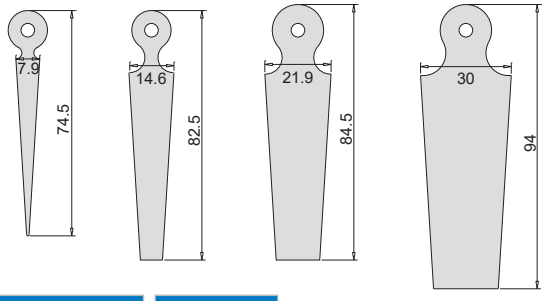
962 KONİK MASTAR SETİ

- 4 adet mastar(1-7.5mm,7.5-14.5mm, 14.5-21.5mm,21.5-29mm)
- Giriş genişliği ölçümü
- Paslanmaz çelik





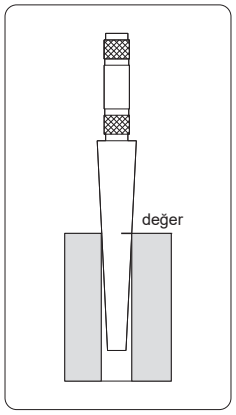
birim: mm



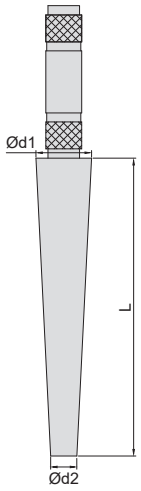
Kod	Aralık	Okuma	Hassasiyet	Fiyat
962-029-41	1-29mm	0.1mm	±0.05mm	**66 $**

964 SERİSİ KONİK MASTAR

- Hızlı çap ölçümü
- Okuma: 0.1mm
- Sertleştirilmiş çelik, HRC50-58
- Krom kaplama okuma yüzeyi
- Alüminyum tutucu







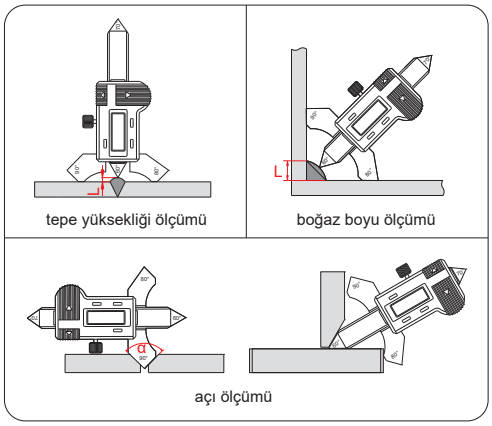
964-015-11

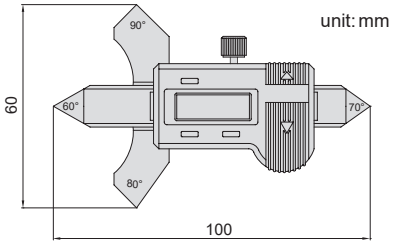
Kod	Aralık	Hassasiyet	L	Ød1	Ød2	Fiyat
964-006-11	1-6.5mm	±0.05mm	62.5	7	0.8	**102 $**
964-015-11	3-15mm	±0.05mm	143	17	2.8	**115 $**
964-030-11	15-30mm	±0.05mm	165	31	14.7	**182 $**
964-045-11	30-45mm	±0.05mm	165	46	29.6	**219 $**
964-060-11	45-60mm	±0.05mm	167	61	44	**500 $**

970 DİJİTAL KAYNAKÇI KUMPASI

- Butonlar: zero, mm/inch, on/off
- Paslanmaz çelik



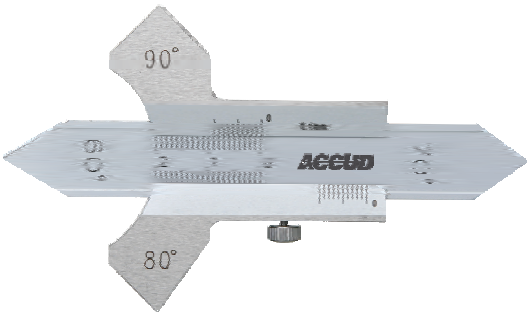


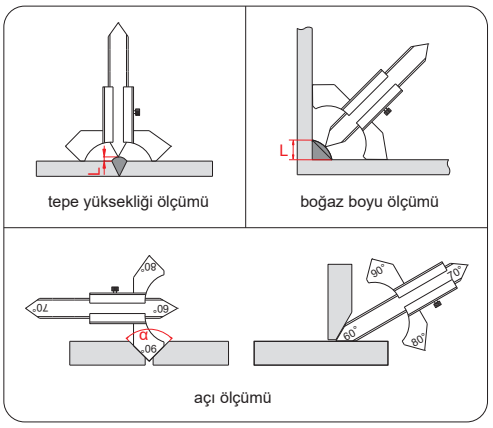


Kod	Aralık	Hassasiyet	Çözünürlük	Uygulama	Fiyat
970-010-11	0 - 10mm	±0.03mm	0.01mm/0.0005"	tepe yüksekliği ölçümü	**162 $**
	0 - 20mm	±0.1mm	0.01mm/0.0005"	boğaz boyu ölçümü	
	60°, 70°, 80°, 90°	±1°	—	açı ölçümü	

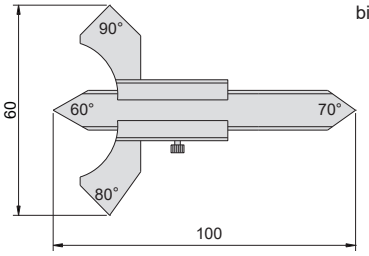
971 KAYNAKÇI KUMPASI

- Paslanmaz çelik
- Krom kaplama okuma yüzeyi





birim: mm

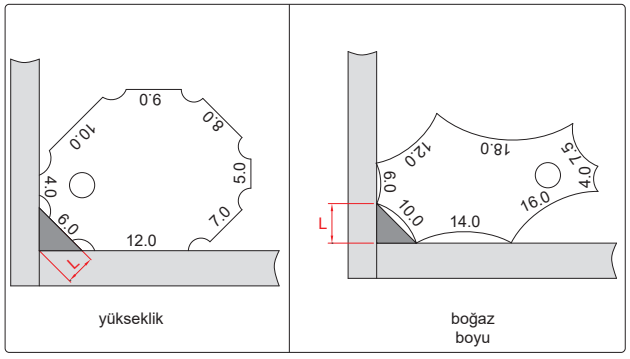


Kod	Aralık	Okuma	Hassasiyet	Uygulama	Fiyat
971-008-01	0-8mm	0.1mm	±0.1mm	tepe yüksekliği ölçümü	47 $
	0-20mm	0.1mm	±0.3mm	boğaz boyu ölçümü	
	60°, 70°, 80°, 90°	—	±1°	açı ölçümü	

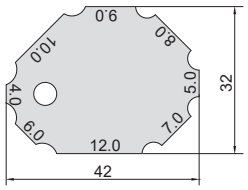
972 KAYNAK MASTARI

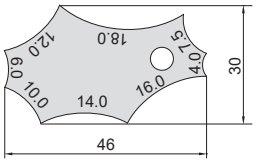
- Çift taraflı okuma
- Paslanmaz çelik





birim: mm





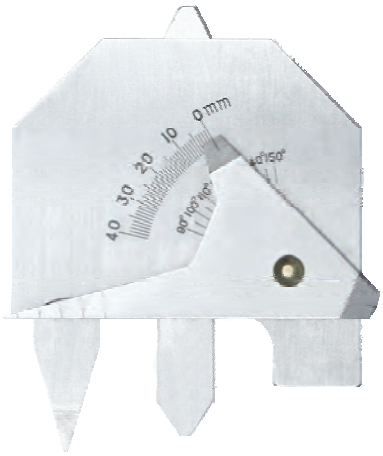
Kod	Yükseklik	Boğaz boyu	Hassasiyet	Fiyat
972-012-01	4, 5, 6, 7, 8, 9, 10, 12mm	4, 6, 7.5, 10, 12, 14, 16, 18mm	±0.5mm	22 $

973 KAYNAKÇI KUMPASI

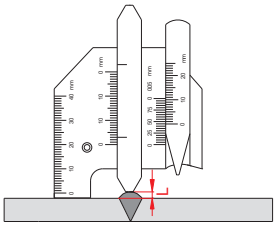
- Paslanmaz çelik



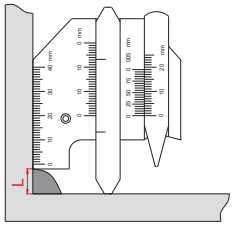
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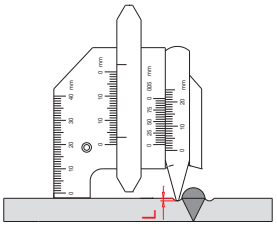
arka



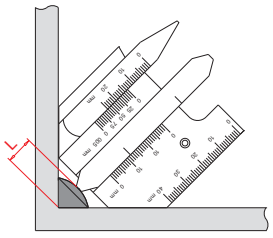
tepe yüksekliği ölçümü



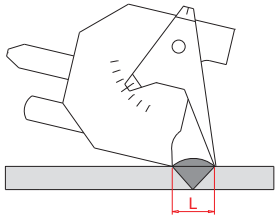
yükseklik ölçümü



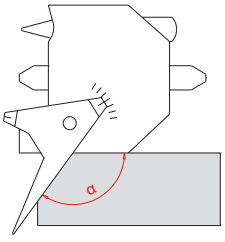
derinlik ölçümü



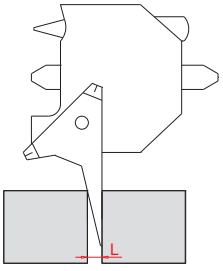
boğaz boyu ölçümü



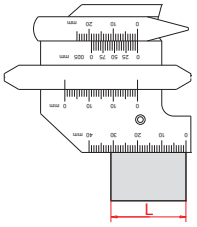
kaynak boyu ölçümü



açı ölçümü



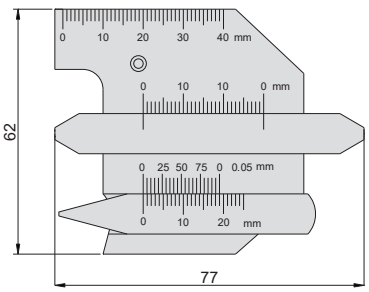
boşluk ölçümü



boy ölçümü

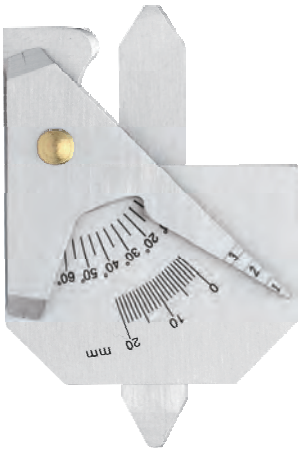
Kod	Uygulama	Aralık	Okuma	Hassasiyet	Fiyat
973-014-01	tepe yüksekliği ölçümü	0-10mm	1mm	±0.5mm	63 $
	yükseklik ölçümü	0-14mm	1mm	±0.5mm	
	derinlik ölçümü	0-5mm	0.05mm	±0.05mm	
	boğaz boyu ölçümü	0-13mm	1mm	±0.5mm	
	kaynak boyu ölçümü	0-40mm	1mm	±1mm	
	açı ölçümü	90°-150°	5°	±1°	
	boşluk ölçümü	0.5-5mm	1mm	±0.5mm	
	boy ölçümü	0-40mm	1mm	±0.5mm	

birim: mm



974 KAYNAKÇI KUMPASI

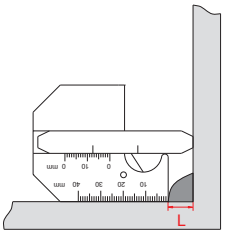
- Paslanmaz çelik
- Krom kaplama okuma yüzeyi



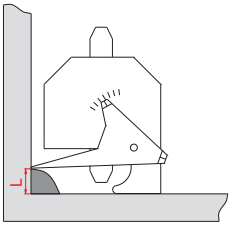
arka



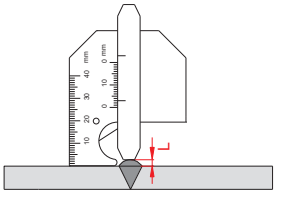
ön



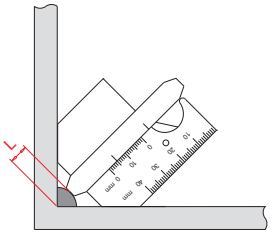
kaynak boy ölçümü



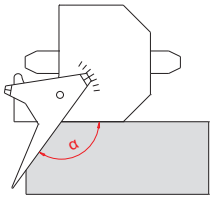
kaynak yükseklik ölçümü



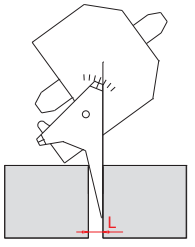
tepe yüksekliği ölçümü



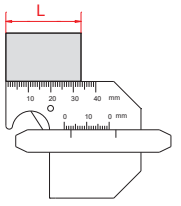
boğaz boyu ölçümü



açı ölçümü



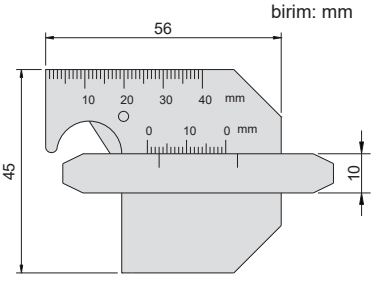
boşluk ölçümü



uzunluk ölçümü

Kod	Uygulama	Aralık	Okuma	Hassasiyet	Fiyat
974-013-01	kaynak boy ölçümü	0 - 10mm	0.1mm	±0.1mm	70 $
	yükseklik ölçümü	0 - 20mm	1mm	±0.5mm	
	tepe yüksekliği ölçümü	0 - 10mm	0.1mm	±0.1mm	
	boğaz boyu ölçümü	0 - 10mm	0.1mm	±0.1mm	
	açı ölçümü	0° - 60°	5°	±1°	
	boşluk ölçümü	1 - 3.5mm	0.5mm	±0.5mm	
	uzunluk ölçümü	0 - 40mm	1mm	±0.5mm	

birim: mm

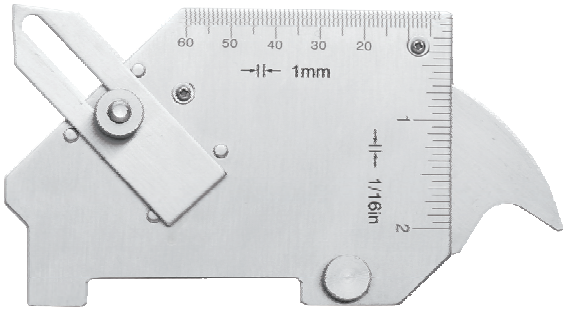


975 KAYNAKÇI KUMPASI

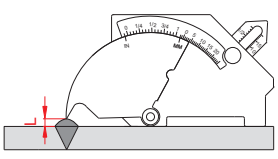
- Ayarlanabilir cetvel
- Paslanmaz çelik



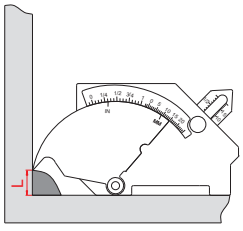
ön



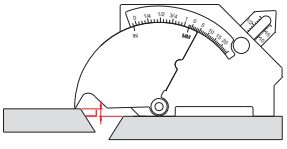
arka



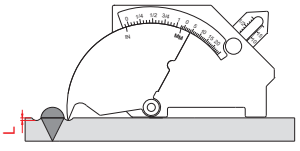
tepe yüksekliği ölçümü



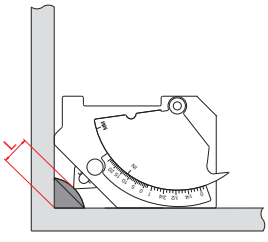
şerit boyu ölçümü



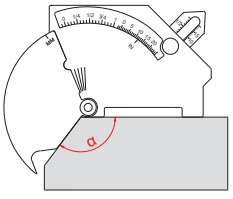
yanlış hizalama ölçümü



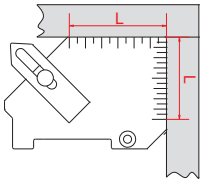
derinlik ölçümü



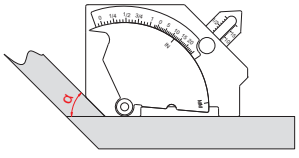
şerit boğaz boyu ölçümü



hazırlanma açısı ölçümü



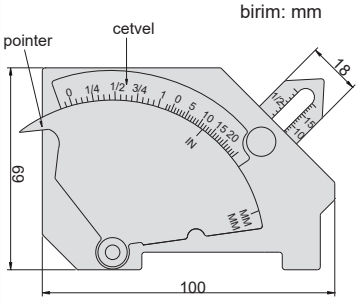
boy ölçümü



45°açı ölçümü

Kod	Uygulama	Aralık	Okuma	Hassasiyet	Fiyat
975-025-01	tepe yüksekliği ölçümü	0-25mm (0-1")	1mm (1/16")	±0.5mm	59 $
	şerit boyu ölçümü	0-25mm (0-1")	1mm (1/16")	±0.5mm	
	yanlış hizalama ölçümü	0-25mm (0-1")	1mm (1/16")	±0.5mm	
	derinlik ölçümü	0-2mm (0-1/8")	1mm (1/16")	±0.5mm	
	şerit boğaz boyu ölçümü	0-20mm (0-3/4")	1mm (1/16")	±0.5mm	
	hazırlanma açısı ölçümü	0-60°	5°	±1°	
	boy ölçümü	0-60mm (0-2")	1mm (1/16")	±0.5mm	
	45°açı ölçümü	—	—	±1°	

birim: mm

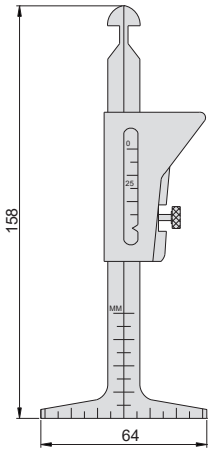


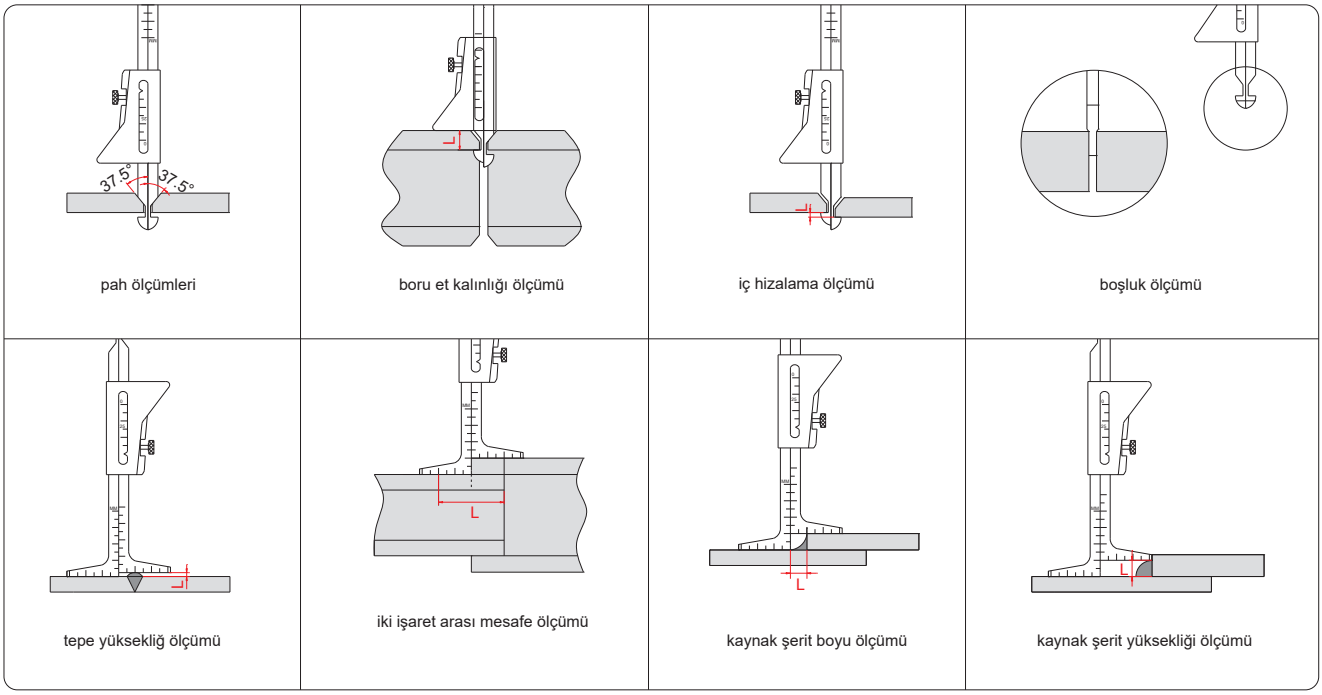
976 BORU KAYNAK KUMPASI

- Paslanmaz çelik



birim: mm





pah ölçümleri | boru et kalınlığı ölçümü | iç hizalama ölçümü | boşluk ölçümü

tepe yüksekliğ ölçümü | iki işaret arası mesafe ölçümü | kaynak şerit boyu ölçümü | kaynak şerit yüksekliği ölçümü

Kod	Uygulama	Aralık	Okuma	Hassasiyet	Fiyat
976-045-01	pah ölçümleri	37.5°	—	±1°	82 $
	boru et kalınlığı ölçümü	0 - 45mm (0 – 1-3/4")	1mm (1/16")	±0.5mm	
	iç hizalama ölçümü	0 - 35mm (0 – 1-3/8")	1mm (1/32")	±0.5mm	
	boşluk ölçümü	1.6mm, 2.2mm	—	±0.1mm	
	tepe yüksekliğ ölçümü	0 - 35mm (0 – 1-3/8")	1mm (1/32")	±0.5mm	
	iki işaret arası mesafe ölçümü	0 - 60mm (0 – 2-3/8")	1mm (1/16")	±0.5mm	
	kaynak şerit boyu ölçümü	0 - 30mm (0 – 1-1/4")	1mm (1/16")	±0.5mm	
	kaynak şerit yüksekliği ölçümü	0 - 35mm (0 – 1-3/8")	1mm (1/32")	±0.5mm	

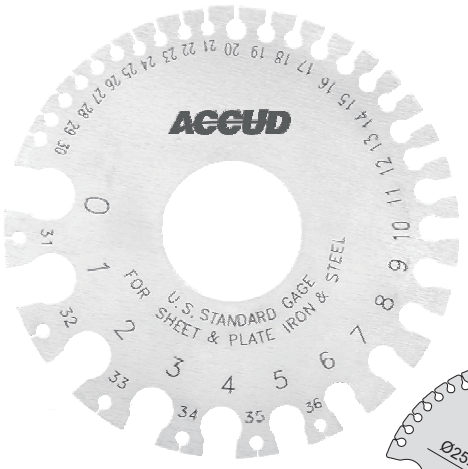
741 SERİSİ

U.S. / AMERİKAN STANDART SAC LEVHA MASTARI

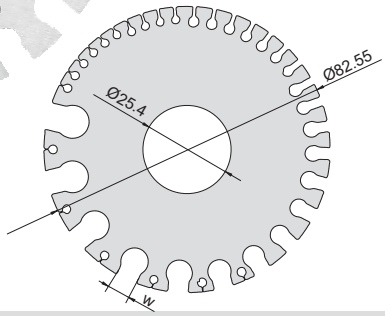
Kod	Aralık	Fiyat
741-036-12	0-36(7.938-0.179mm /.3125-.0070")	43 $

NO.	W
0	7.938mm(.3125")
1	7.144mm(.2813")
2	6.747mm(.2656")
3	6.350mm(.2500")
4	5.953mm(.2344")
5	5.556mm(.2188")
6	5.159mm(.2031")
7	4.763mm(.1875")
8	4.366mm(.1719")
9	3.969mm(.1563")
10	3.572mm(.1406")
11	3.175mm(.1250")
12	2.778mm(.1094")
13	2.381mm(.0938")
14	1.984mm(.0781")
15	1.786mm(.0703")
16	1.588mm(.0625")
17	1.429mm(.0563")
18	1.270mm(.0500")

NO.	W
19	1.111mm(.0438")
20	0.953mm(.0375")
21	0.873mm(.0344")
22	0.794mm(.0313")
23	0.714mm(.0281")
24	0.635mm(.0250")
25	0.556mm(.0219")
26	0.476mm(.0188")
27	0.437mm(.0172")
28	0.397mm(.0156")
29	0.357mm(.0141")
30	0.318mm(.0125")
31	0.278mm(.0109")
32	0.258mm(.0102")
33	0.238mm(.0094")
34	0.218mm(.0086")
35	0.198mm(.0078")
36	0.179mm(.0070")



birim: mm



- Sac levha, levah demiri ve çelik ölçmek için
- Sertleştirilmiş ve krom kaplama

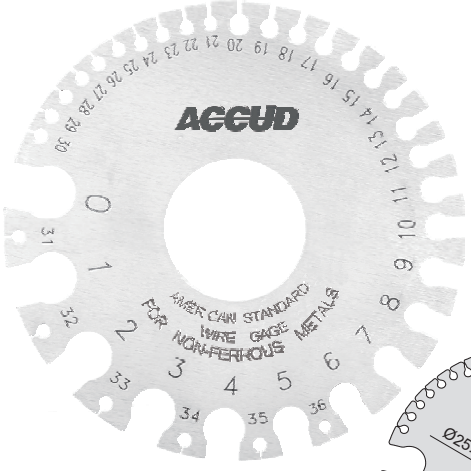
741 SERİSİ

AMERİKAN STANDARTI TEL MASTARI

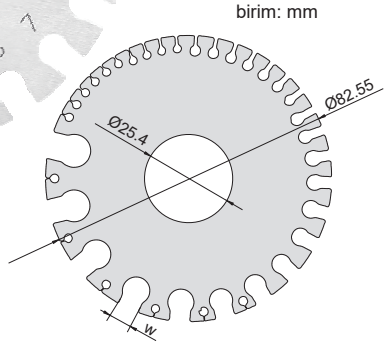
Kod	Aralık	Fiyat
741-036-11	0-36(8.250-0.127mm/.3249-.0050")a	43 $

NO.	W
0	8.250mm(.3249")
1	7.350mm(.2893")
2	6.540mm(.2576")
3	5.830mm(.2294")
4	5.190mm(.2043")
5	4.620mm(.1819")
6	4.110mm(.1620")
7	3.670mm(.1443")
8	3.260mm(.1285")
9	2.910mm(.1144")
10	2.590mm(.1019")
11	2.300mm(.0907)
12	2.050mm(.0808")
13	1.820mm(.0720")
14	1.630mm(.0641")
15	1.450mm(.0571")
16	1.290mm(.0508")
17	1.150mm(.0453")
18	1.020mm(.0403")

NO.	W
19	0.912mm(.0359")
20	0.813mm(.0320")
21	0.724mm(.0285")
22	0.643mm(.0253")
23	0.574mm(.0226")
24	0.511mm(.0201")
25	0.440mm(.0179")
26	0.404mm(.0159")
27	0.361mm(.0142")
28	0.320mm(.0126")
29	0.287mm(.0113")
30	0.254mm(.0100")
31	0.226mm(.0089")
32	0.203mm(.0080")
33	0.180mm(.0071")
34	0.160mm(.0063")
35	0.142mm(.0056")
36	0.127mm(.0050")



birim: mm

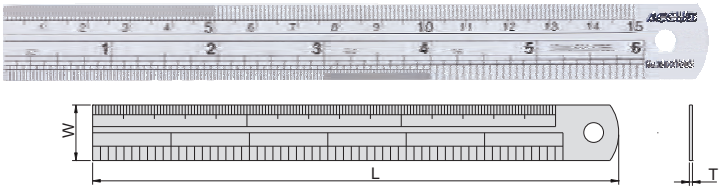


- Tel ve bakır aluminyum gibi metallerin ölçümü
- Sertleştirilmiş çelik ve krom kaplama

990 SERİSİ ÇELİK CETVEL

- Okuma: 0.5mm, 1mm, 1/64", 1/32", 1/16"
- Yarı esnek
- Paslanmaz çelik

990-006-11



Kod	Aralık	Hassasiyet	T	L	W	Fiyat
990-006-11	150mm/6"	±0.08mm	1mm	170mm	18mm	6 $
990-008-11	200mm/8"	±0.08mm	1mm	220mm	18mm	7 $
990-012-11	300mm/12"	±0.11mm	1mm	330mm	25mm	7 $
990-020-11	500mm/20"	±0.14mm	1mm	530mm	30mm	11 $
990-040-11	1000mm/40"	±0.24mm	1.5mm	1040mm	32mm	22 $

- Okuma: 0.5mm, 1mm, 1/64", 1/50", 1/32", 1/20", 1/16", 1/10"
- Mat kaplama
- Paslanmaz çelik

ön



arka

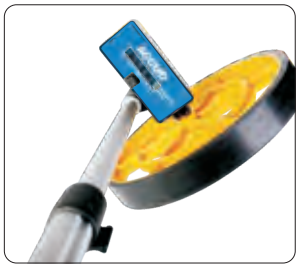


990-012-11H

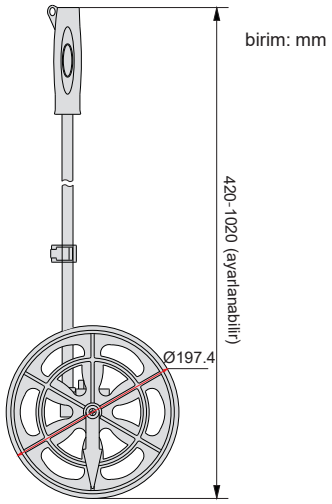
Kod	Aralık	Hassasiyet	T	L	W	Fiyat
990-006-11H	150mm/6"	±0.08mm	1mm	170mm	14mm	7 $
990-012-11H	300mm/12"	±0.11mm	1mm	334mm	25mm	12 $
990-020-11H	500mm/20"	±0.14mm	1.2mm	534mm	28.5mm	28 $
990-024-11H	600mm/24"	±0.16mm	1.2mm	638mm	28.5mm	33 $
990-040-11H	1000mm/40"	±0.24mm	1.2mm	1043mm	35mm	54 $

988 ÖLÇME ÇARKI

- ABS plastik çerçeve
- 3 bölgeli ayarlanabilir tutacak







Kod	Aralık	Çözünürlük	Fiyat
988-100-11	0.1-9999.9m	0.1m	91 $

996 SERİSİ DİJİTAL YATAY CETVEL

Veri çıkışı

CR2032

Tip A

- Çözünürlük: 0.01mm/0.0005"
- Butonlar: on/off, zero, mm/inch
- Otomatik kapanma
- Veri çıkışı(kablo kodu:100-11 veya 100-12)
- Paslanmaz çelik
- Bağlantı aparatları dahil
- Opsiyonel aksesuar: SPC kablosu

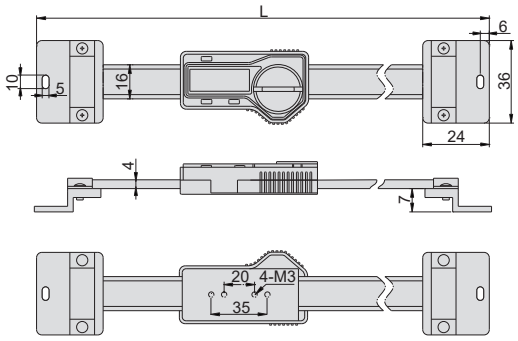
Tip B

- Çözünürlük: 0.01mm/0.0005"
- Mutlak ve inkremental ölçüm
- Veri çıkışı
- Paslanmaz çelik
- Bağlantı aparatları dahil



996-006-11

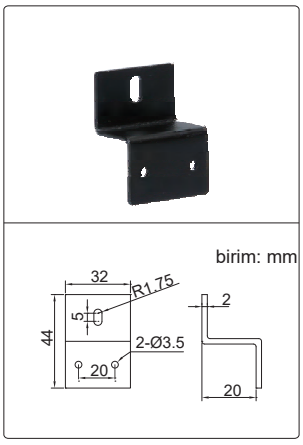
birim: mm



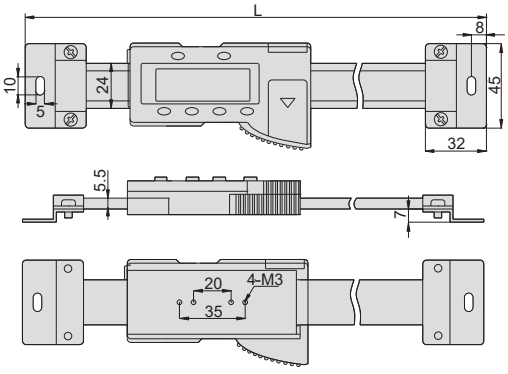


996-020-11

bağlantı aparatı



birim: mm



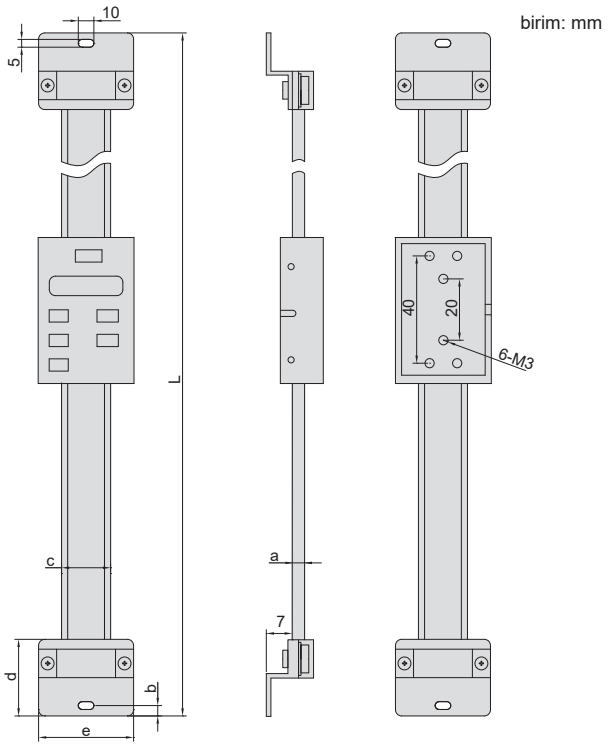
Kod	Aralık	Hassasiyet	Tip	L	Fiyat
996-004-11	100mm	±0.03mm	A	209mm	**140 $**
996-006-11	150mm	±0.03mm	A	259mm	**163 $**
996-008-11	200mm	±0.03mm	A	310mm	**205 $**
996-012-11	300mm	±0.04mm	A	444mm	**261 $**
996-020-11	500mm	±0.05mm	B	682mm	**416 $**
996-024-11	600mm	±0.08mm	B	790mm	**517 $**
996-032-11	800mm	±0.10mm	B	990mm	**782 $**
996-040-11	1000mm	±0.10mm	B	1240mm	**1066 $**

997 SERİSİ DİJİTAL DİKEY CETVEL

Veri çıkışı

LR44

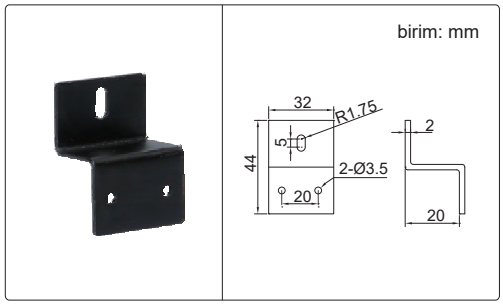




997-012-11

- Çözünürlük: 0.01mm/0.0005"
- Veri çıkışı
- Butonlar: on/off, zero, mm/ inch,ABS, preset
- Paslanmaz çelik
- Bağlantı aparatı dahil

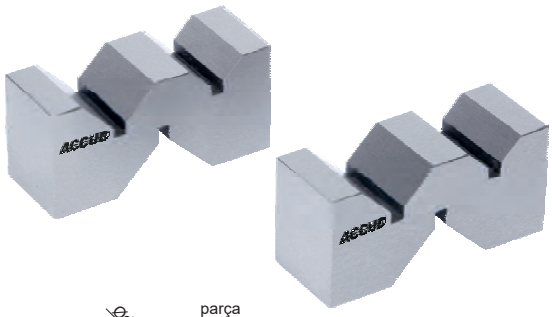
bağlantı aparatı

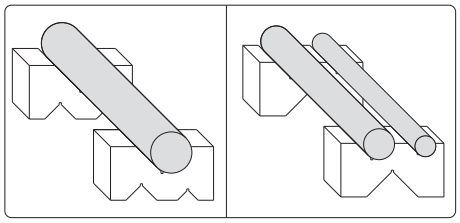


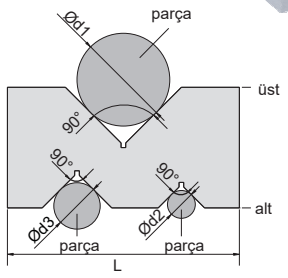
Kod	Aralık	Hassasiyet	a	b	c	d	e	L	Fiyat
997-004-11	100mm	±0.03mm	4	6	20	40	24	209mm	**158 $**
997-006-11	150mm	±0.03mm	4	6	20	40	24	259mm	**182 $**
997-008-11	200mm	±0.03mm	4	6	20	40	24	310mm	**236 $**
997-012-11	300mm	±0.04mm	4	6	20	40	24	444mm	**284 $**
997-020-11	500mm	±0.05mm	5.5	8	24	40	32	682mm	**453 $**
997-024-11	600mm	±0.08mm	5.5	8	24	51	32	790mm	**560 $**
997-032-11	800mm	±0.10mm	5.5	8	24	51	32	990mm	**869 $**
997-040-11	1000mm	±0.10mm	5.5	8	24	51	40	1240mm	**1169 $**

632 SERİSİ V-BLOK SETİ

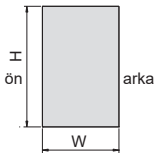
- Her sette iki V-blok
- Sertleştirilmiş çelik







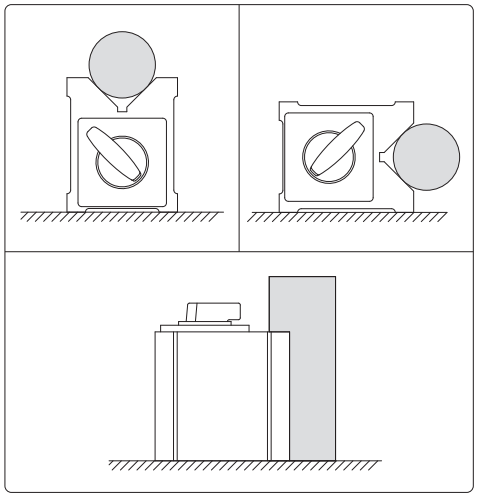
birim: mm



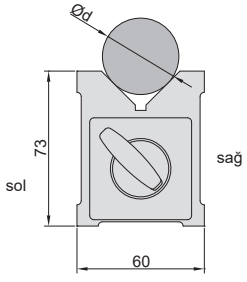
Kod	Ölçü (LxWxH)	Çap aralığı (Ød1)	Çap aralığı (Ød2)	Çap aralığı (Ød3)	V yatakların üst ve alt paralelliği	V yatakların ön ve arka dikliği	Yükseklik farkı	Fiyat
632-002-01	50x19x24mm	3-32mm	3-16mm	3-22mm	5µm	5µm	5µm	**216 $**
632-003-01	75x24x35mm	3-50mm	3-20mm	3-32mm	5µm	5µm	5µm	**302 $**
632-004-01	100x33x52mm	3-68mm	3-26mm	3-40mm	5µm	5µm	5µm	**486 $**
632-006-01	150x50x80mm	6-100mm	5-40mm	5-60mm	5µm	5µm	5µm	**1123 $**

633 MANYETİK V-BLOK

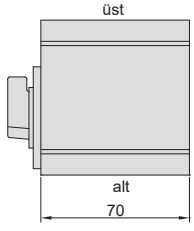
- Silindirik parçalar için







birim: mm

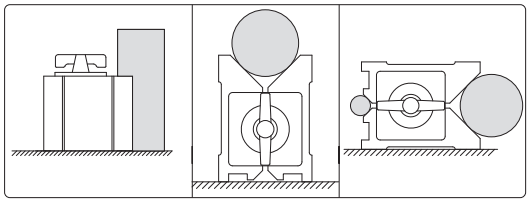


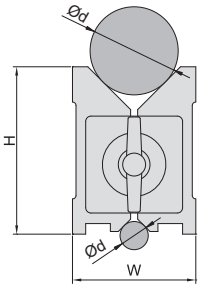
Kod	Çap aralığı(Ød)	Manyetik kuvvet	Üst ve alt, sol ve sağ paralelliği	V-yatağı dikliği	Fiyat
633-044-01	6-44mm	56kgf	10µm	10µm	**143 $**

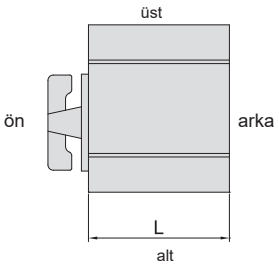
634 SERİSİ MANYETİK V-BLOK

- Silindirik parçalar
- Üst yatak büyük çaplar için
- Alt yatak küçük çaplar için









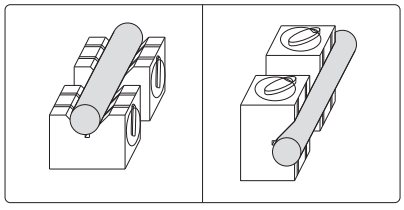
634-067-01

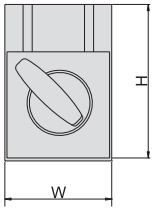
Kod	Ölçü(LxWxH)	Çap aralığı (Ød)	Manyetik kuvvet	V-yatağı dikliği	Üst ve alt paralelliği	Fiyat
634-067-01	80x70x95mm	6-67mm	64kgf	10µm	10µm	**264 $**
634-067-02	100x70x95mm	6-67mm	80kgf	10µm	10µm	**295 $**
634-067-03	120x70x95mm	6-67mm	96kgf	10µm	10µm	**305 $**

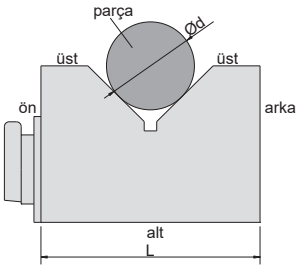
635 SERİSİ MANYETİK V-BLOK SETİ

- Silindirik parçalar için, zayıf manyetik kuvvetten dolayı işleme için uygun değildir
- Sette 2 adet







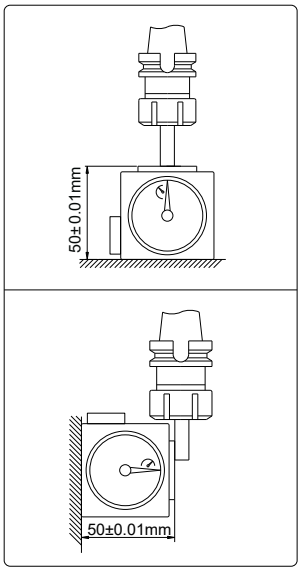


635-150-01

Kod	Ölçü(LxWxH)	Çap aralığı (Ød)	Manyetik kuvvet	Alt ve arka tarafların V yatağına paralelliği	Yükseklik farkı	Fiyat
635-070-01	70x40x50mm	6-46mm	8kgf	10µm	10µm	**467 $**
635-150-01	150x50x100mm	6-125mm	14kgf	10µm	10µm	**757 $**

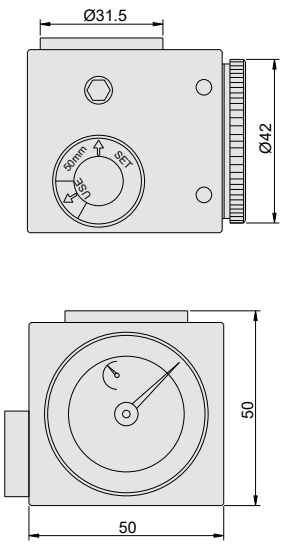
695 Z SIFIRLAMA

- Manyetik taban





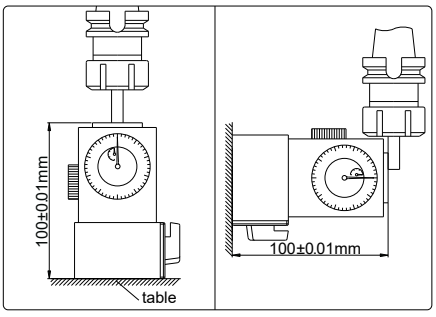
birim: mm



Kod	Hassasiyet	Fiyat
695-050-01	±10µm	**325 $**

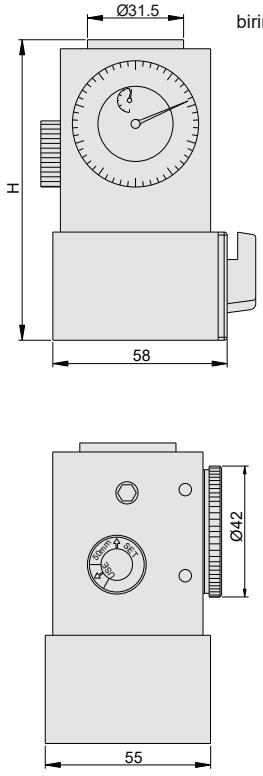
696 Z SIFIRLAMA

- Açma/kapamalı manyetik taban





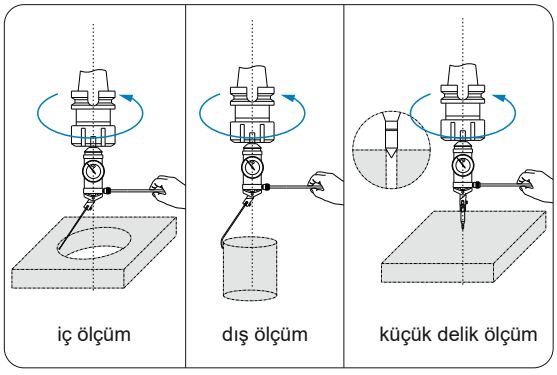
birim: mm



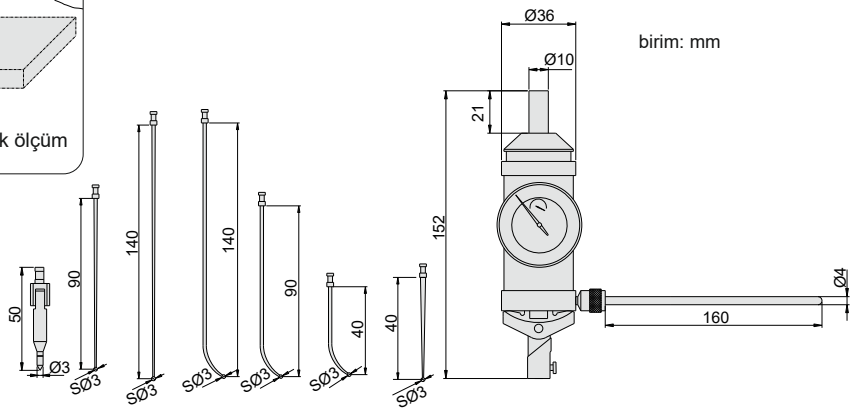
Kod	Yükseklik (H)	Hassasiyet	Kuvvet	Fiyat
696-100-01	100mm	±10µm	9N	**528 $**

297 MERKEZLEME SAATİ

- Boru ve millerde hızlı ve hassas merkezleme
- 7 çeşit uç ile



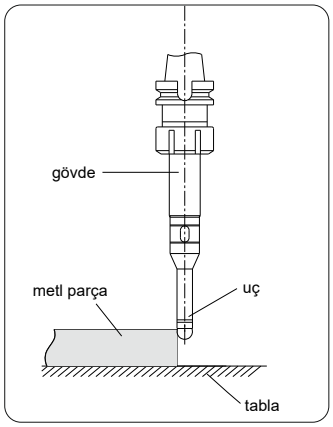




Kod	Fiyat
297-003-11	287 $

692 IŞIKLI PROB

- Parçaya temas ettiğinde ışık yanar
- Döner kullanım için uygun değil





692-010-03N 692-010-32

Kod	Gövde(A)	uç (B)	Hassasiyet	Fiyat
692-010-03N	Ø20mm	SØ10mm	5µm	116 $
692-010-32	Ø32mm	SØ10mm	5µm	175 $

DM200 DİJİTAL MİKROSKOP

- Büyütme: 10X-200X
- Piksel: 2M
- Bağlantı: USB2.0
- Fotoğraf çekme ve video kaydı
- 8 adet ayarlanabilir LED
- Ölçüm yazılımı ve kalibrasyon cetveli

VIDEO



Kod	Fiyat
DM200	379 $

Büyütme, odaklama ve görüşü alanı ilişkisi

Büyütme	Odaklama	Görüş alanı
50X	21mm	9.5x7.1mm
100X	13mm	4.8x3.6mm
150X	16mm	3.2x2.4mm
200X	19mm	2.4x1.8mm

Opsiyonel stand



Universal Stand (MS36B)

DM600 YÜKSEK BÜYÜTMELİ DİJİTAL MİKROSKOP

- Büyütme: 450X-600X
- Piksel: 2M
- Bağlantı: USB2.0
- Fotoğraf çekme ve video kaydı
- 8 adet ayarlanabilir LED
- Ölçüm yazılımı ve kalibrasyon sertifikası



Kod	Fiyat
DM600	435 $

Büyütme, odaklama ve görüşü alanı ilişkisi

Büyütme	Odaklanma	Görüş alanı
450X	1.4mm	1.05x0.79mm
500X	5.5mm	0.95x0.71mm
550X	8.6mm	0.86x0.64mm
600X	11.5mm	0.79x0.59mm

Opsiyonel stand



Universal Stand (MS36B)

WIFI200 DİJİTAL KABLOSUZ MİKROSKOP

WIFI

- Büyütme: 10X-200X
- Piksel: 2M
- Bağlantı: USB2.0 veya WiFi
- Fotoğraf çekme ve video kaydetme
- 8 adet ayarlanabilir LED
- Ölçüm yazılımı ve kalibrasyon cetveli

VIDEO



Akıllı telefon, tablet ve PC bağlantısı



Opsiyonel stand



Universal Stand (MS36B)

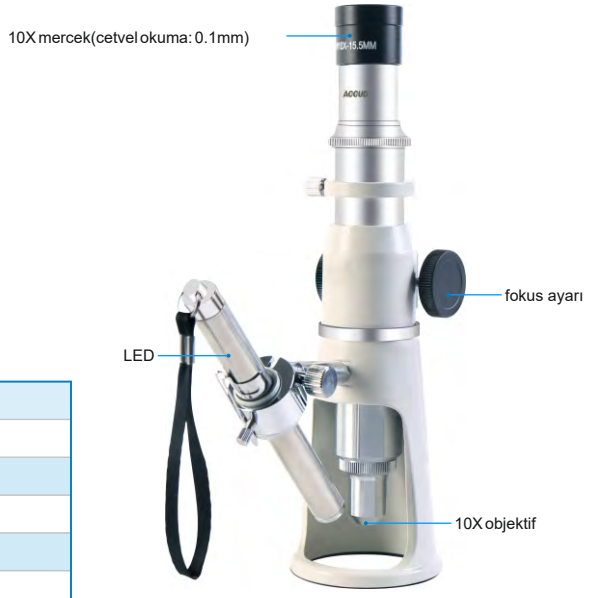
Kod	Fiyat
WIFI200	656 $

Büyütme, odaklama ve görüşü alanı ilişkisi

Büyütme	Odaklama	Görüş alanı
50X	21mm	9.5x7.1mm
100X	13mm	4.8x3.6mm
150X	16mm	3.2x2.4mm
200X	19mm	2.4x1.8mm

PM100 TAŞINABİLİR ÖLÇÜM MİKROSKOBU

AAA



Kod	Fiyat
PM100	329 $

ÖZELLİKLER

Toplam büyütme	100X
Mercek	10X
Objektif	10X
Çalışma mesafesi	7mm
Odaklanma aralığı	30mm
Görüş alanı	Ø1.8mm
Okuma	0.01mm
Aydınlatma	LED
Taban çapı	Ø63mm
Yükseklik	210mm
Ağırlık	650g

DAHİLİ AKSESUARLAR

Ana ünite	1adet
Kalem ışık	1adet
Pil (AAA)	2adet

PP SERİSİ PROFİL PROJEKSİYON

Sertifika

- Geniş okuma ekranı

VIDEO

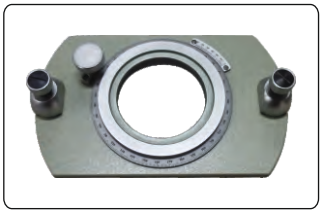


PP3015

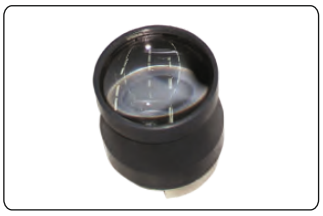
OPSİYONEL AKSESUARLAR



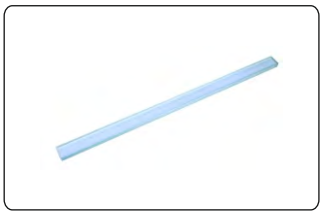
20X, 50X, 100X
lens ve yarı yansıtma



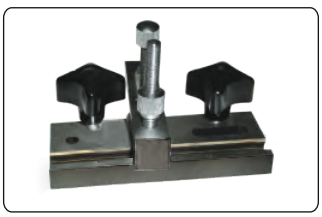
döner tabla
(cam çapı 100mm, okuma 2°)



5X büyütücü



552 serisi cam cetvel



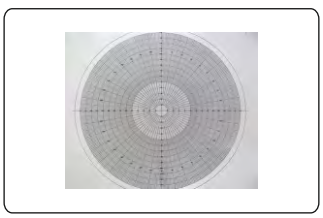
tutucu



2 punta arası



kilitli V yatağı



şablon

PP SERİSİ PROFİL PROJEKSİYON

ÖZELLİKLER

Kod	PP3015	PP3020
X-Y tabla hareketi	150×50mm	200×100mm
Tabla boyu	340×152mm	400×225mm
Tabla camı boyu	195×95mm	245×145mm
Ekran çapı	çap: Ø300mm	
Görüntü	ters	
Cetvel çözünürlüğü	1μm	
Hassasiyet	(4+L/25)μm L: ölçüm boyu mm	
Z(odak) hareket aralığı	80mm	
Maks. yük kapasitesi	4kg	
Döner cetvel	aralık: 0°~360°,çözünürlük: 1' or 0.01°, hassasiyet: 6'	
Büyütme hassasiyeti	±0.1%	
Aydınlatma	aydınlatma: 12V/100W halojen ampul, 2-adım parlaklık ayarı	
	yüzey aydınlatma: 24V/150W halojen ampul	
Okuyucu	X-Y hareketi, ekran döndürme	
Veri çıkışı	RS232 ve USB	
Okuyucu fonksiyonları	bir noktanın koordinat ölçümü çizgi ölçümü 3 noktalı daire, merkez ölçümü iki nesne arası mesafe ölçümü açı ölçümü koordinat taşıma	
Boyut (L×W×H)	480×780×1150mm	
Ağırlık	135kg	

DAHİLİ AKSESUARLAR

Ana ünite	1adet
10X lens	1adet
Şablon tutucu	4adet
Terazi	1adet
Toz koruyucu	1adet

OPSİYONEL AKSESUARLAR

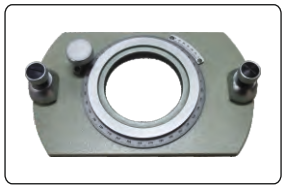
20X lens	PP3000-LENS20X
50X lens	PP3000-LENS50X
100X lens	PP3000-LENS100X
Döner tabla	PP3000-TABLE
5X büyütücü	PP3000-MAGNIFIER
Tutucu	PP3000-HOLDER
2 punta arası	PP3000-SUPPORT
Kilitli V blok	PP3000-VBLOCK
Kalibrasyon cetveli	552 serisi(sayfa 285)
Şablon	PP3015-CHART



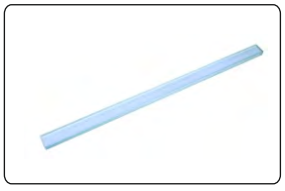
OPSİYONEL AKSESUARLAR



20X, 50X, 100X lens



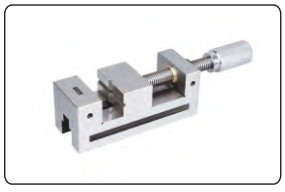
Döner tabla



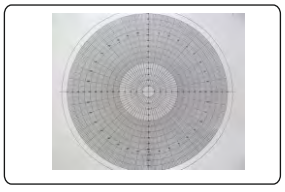
552 serisi cam cetvel



636 serisi V-blok



652 serisi mengene



Şablon

PP3020W YATAY PROFİL PROJEKİSYON

ÖZELLİKLER

X-Y tabla hareketi	200×100mm
Tabla boyu	400×150mm
Ekran çapı	Ø300mm
Cetvel çözünürlüğü	1μm
Hassasiyet	(4+L/25)μm L: ölçüm boyu mm
Odak hareket aralığı	75mm
Odak	77.7mm(10X lens)
Maks. yük kapasitesi	50kg
Parça dönme aralığı	360°
Rotation scale	range: 0°~360°, resolution: 1' or 0.01°, accuracy: 6'
Büyütme hassasiyeti	±0.08%
Aydınlatma	aydınlatma: 12V/100W halojen ampul, 2-adım parlaklık ayarı
	yüzey aydınlatma: 24V/150W halojen ampul
Okuyucu	X-Y hareketi, ekran döndürme
Veri çıkışı	RS232 ve USB
Okuyucu fonksiyonları	bir noktanın koordinat ölçümü çizgi ölçümü 3 noktalı daire, merkez ölçümü iki nesne arası mesafe ölçümü açı ölçümü koordinat taşıma
Boyut(L×W×H)	1090×830×1010mm
Ağrılık	160kg

DAHİLİ AKSESUARLAR

Ana ünite	1adet
10X lens	1adet
Şablon tutucu	4adet
Ayak pedalı	1adet
Toz koruyucu	1adet

OPSİYONEL AKSESUARLAR

20X lens	**PP3020W-LENS20X**
50X lens	**PP3020W-LENS50X**
100X lens	**PP3020W-LENS100X**
Döner tabla	**PP3020W-TABLE**
Şablon	**PP3015-CHART**
Mengene	**652 serisi**
V-Blok	**636 serisi**
Cam cetvel	**552 serisi**

Sertifika

- Granit taban ve sütun

VIDEO



bilgisayar ve masa opsiyonel

ÖZELLİKLER

Kod	VM2010	VM3020	VM4030	VM5040
Ölçüm aralığı (X/Y ekseni)	200×100mm	300×200mm	400×300mm	500×400mm
Z Ekseni hareketi	200mm			
Hareket	Manuel			
Cetvel çözünürlüğü (X/Y/Z ekseni)	1μm			
Hassasiyet (X/Y ekseni)	(3+L/200)μm L:Ölçüm boyu mm			
Tekrarlanabilirlik	2μm			
Odaklama	90mm			
Lens büyütme	0.7X-4.5X			
Toplam büyütme	30-220X			
Kamera	Color CCD, 1.3M pixel			
Aydınlatma	aydınlatma: LED, parlaklık ayarı			
	yüzey aydınlatma: LED, parlaklık ayarı			
Tabla taşıma ağırlığı	20kg	20kg	20kg	30kg
Boyut (L×W×H)	580×680×880mm	770×650×1080mm	960×750×1080mm	1250×860×1690mm
Ağırlık	140kg	188kg	230kg	450kg

VM SERİSİ KAMERALI ÖLÇÜM CİHAZI

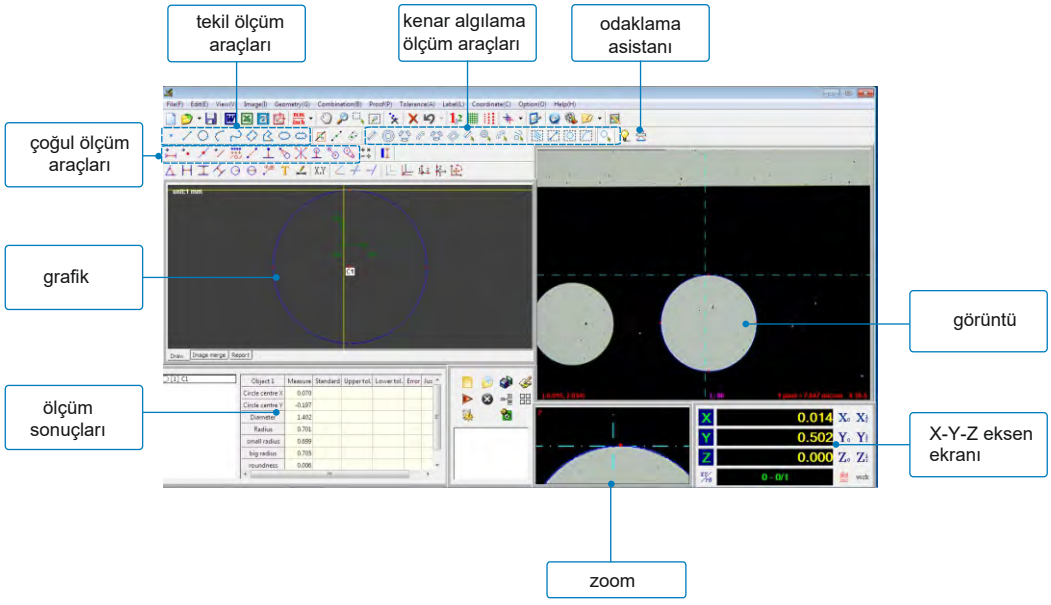
DAHİLİ AKSESUARLAR

Ana ünite	1adet
Kalibrasyon bloğu	1adet
Yazılım	1adet
Kontrol kutusu	1adet
Toz koruyucu	1adet

OPSİYONEL AKSESUARLAR

0.5X objektif	VM-OB05X
2X objektif	VM-OB2X
Bilgisauar	VM-PC
Masa	VM-Table
Kalibrasyon cetveli	552 serisi

MANUEL KAMERALI ÖLÇÜM CİHAZLARI İÇİN YAZILIM



◆ **Tekil ölçüm araçları**

- Nokta koordinat ölçümü
- çizgi ölçümü
- dairenin koordinat, radyüs, çap ve alan ölçümü
- yay boyu ve açı ölçüleri
- eğri boyu ölçümü
- dikdörtgenin genişliği, boyu ve alan ölçümleri
- çokgenlerin boy ve alan ölçümleri
- elips alan ölçümleri ve koordinat merkezi

◆ **Çoğul ölçüm araçları**

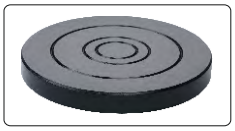
- İki nesne arası mesafe ölçümü
- kesişme noktası oluşturma
- çizginin orta noktasını bulma
- çizgi oluşturma
- noktalardan çizgi, daire ve yay oluşturma
- İki nokta arası mesafe ölçümü
- nokta çizgi arası mesafe ölçümü
- nokta ve daire arası çizgi oluşturma
- açıortay oluşturma
- daireden çizgiye mesafe ölçümü
- İki daires arası mesafe ölçümü
- İki daire arası tanjant oluşturma

HR150B MANUEL ROCKWELL SERTLİK ÖLÇÜM CİHAZI

Sertifika

- Manuel yük kontrolü


küçük düz tabla


Geniş düz tabla


V-tipi tabla



ÖZELLİKLER

Yük kuvveti	10kgf (98N)
Toplam yük kuvveti	60kgf (588N), 100kgf (980N), 150kgf (1471N)
Kademe yüksekliği	manuel
Yük kontrolü	manuel
Okuma	1HR
Maks. test yüksekliği	170mm
Maks. çap	160mm
Boyut	487×265×726mm
Ağırlık	73kg

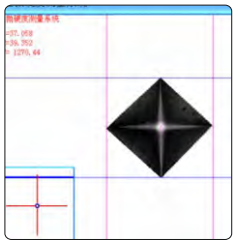
DAHİLİ AKSESUARLAR

Ana ünite	1adet
Ø1.5875mm karbür uç	1adet
Elmas uç	1adet
Düz tabla	2adet
V-tipi tabla	1adet
Rockwell test bloğu	3adet
Toz koruyucu	1adet

HVS1000M MİKRO-VICKERS SERTLİK ÖLÇÜM CİHAZI

Sertfiika

- Küçük ve ince parçaların sertlik ölçümleri için
- Otomatik taret
- Sertlik cetveli Rokcwell cetveline çevrilebilir
- Dokunmatik ekran



Ölçüm yazılımı **(opsiyonel)**



ÖZELLİKLER

Ölçüm aralığı	8-2900HV
Yük	0.01, 0.025, 0.05, 0.1, 0.2, 0.3, 0.5, 1kgf
Birim	HV0.01, HV0.025, HV0.05, HV0.1, HV0.2, HV0.3, HV0.5, HV1
Kademe yüksekliği	manuel
Yük kontrolü	otomatik(yükleme/basma/bırakma)
Yükleme süresi	1~99s
Objektif	10X(bakma), 40X(ölçme)
Mercek	10X
Toplam büyütme	100X(bakma), 400X(ölçme)
Maks. test yüksekliği	100mm
Maks. çap	130mm
X-Y hareketi	boyut: 100×100mm
	hareket aralığı: 25×25mm
	okuma: 0.01mm
Boyut	540×260×650mm
Ağırlık	50kg

DAHİLİ AKSESUARLAR

Ana ünite	1pc
10X mercek	1pc
X-Y tabla	1pc
Test bloğu	1pc
Dokunmatik ekran kalemi	1pc
Terazi	1pc
Toz koruyucu	1pc

OPSİYONEL AKSESUARLAR

Ölçüm yazılımı	**HVS-MS**
Tutucu	**HVS-SH**
Silindirik tutucu	**HVS-CH**
Mengene	**HVS-VI**

HL350 TAŞINABİLİR SERTLİK ÖLÇÜM CİHAZI

Sertifika | Veri çıkışı | AAA

- Ekonomik tip
- HL ölçeğine dayalıdır, diğer sertlik ölçeklerine (HV, HB, HRC, HRB, HS) ve çekme dayanımı MPa'ya dönüştürülür
- Darbe yönü değiştirilebilir
- Ortalama değer hesabı
- ASTM A956-02 standardı



Kod	Fiyat
HL350	863 $

ÖZELLİKLER

Çözünürlük	1HLD, 1HV, 1HB, 0.1HRC, 0.1HRB, 1HS, 1MPa
Hassasiyet	±6HLD/0.6HRC(HLD=800)
Min. parça ağırlığı	>5kg (direkt)
	>2kg (sağlam destek üzerinde)
	>0.1kg (büyük plaka ile birleştiğinde)
Min. parça kalınlığı	>5mm
Min. parça çapı	>22mm
Maks. parça yüzey pürüzlülüğü	Ra<1.6 μm
Güç	3xAAA pil
Boyut	150×80×24mm

DAHİLİ AKSESUARLAR

Ana ünite	1adet
Test bloğu	1adet
Küçük destek halkası	1adet
Fırça	1adet
USB kablosu	1adet
Pil	2adet

HL400 TAŞINABİLİR SERTLİK ÖLÇÜM CİHAZI

Sertifika | Veri çıkışı | AAA

- HL ölçeğine dayalıdır, diğer sertlik ölçeklerine (HV, HB, HRC, HRB, HS) ve çekme dayanımı MPa'ya dönüştürülür
- Darbe yönü değiştirilebilir
- Ortalama değer hesabı
- Otomatik kapanma
- ASTM A956-02 standardı

VIDEO



Kod	Fiyat
HL400	1624 $

ÖZELLİKLER

Çözünürlük	1HLD, 1HV, 1HB, 0.1HRC, 0.1HRB, 1HS, 1MPa
Hassasiyet	±6HLD/0.6HRC(HLD=800)
Min. parça ağırlığı	>5kg (direkt)
	>2kg (sağlam destek üzerinde)
	>0.1kg (büyük plaka ile birleştiğinde)
Min. parça kalınlığı	>5mm
Min. parça çapı	>22mm
Maks. parça yüzey pürüzlülüğü	Ra<1.6 μm
Güç	3xAAA pil
Boyut	150×80×24mm

DAHİLİ AKSESUARLAR

Ana ünite	1adet
Test bloğu	1adet
Küçük destek halkası	1adet
Fırça	1adet
USB kablosu	1adet
Pil	2adet

HSM SERİSİ SHORE SERTLİK ÖLÇÜM CİHAZI

- ISO868, ISO7619, ASTM D 2240 standardı
- Tepe nokta göstergesi

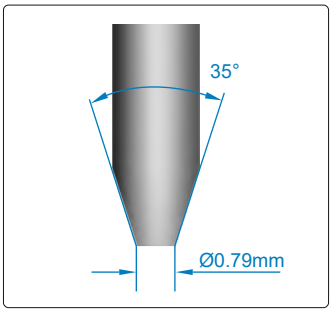


HSM-1A-ST stand (opsyionel)

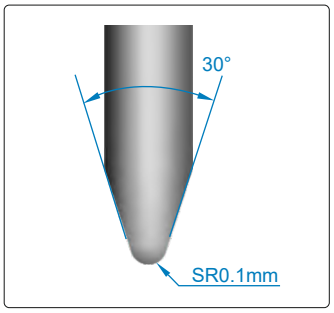


HSM1A

Kod	Fiyat
HSM1A	253 $
HSM5D	432 $



HSM1A uç



HSM5D uç

ÖZELLİKLER

Kod	HSM1A	HSM5D
Tip	HA(Shore A)	HD(Shore D)
Malzeme	yumuşak plastik, kauçuk, deri, vb.	sert plastik, sert kauçuk vb.
Ölçüm aralığı	20~90HA	20~90HD
Okuma	1HA	1HD
Hassasiyet	±1HA	±1HD
Uç çıkıntısı	2.5mm	
Ağırlık	500g	

OPSİYONEL AKSESUAR

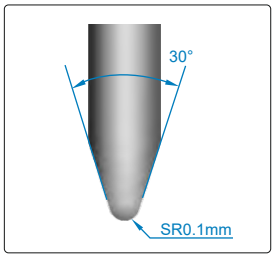
Stand HSM1A	HSM-1A-ST
Stand HSM5D	HSM-5D-ST

HS SERİSİ DİJİTAL SHORE SERTLİK ÖLÇÜM CİHAZI

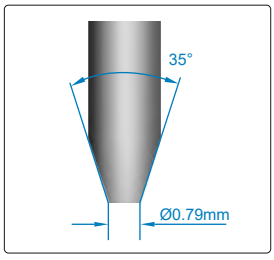
Sertifika | Veri çıkışı | Şarjlı

- ISO868, ISO7619, ASTM D 2240 standardı
- Ayarlanabilir test süresi
- Ortalama değer hesaplama

VIDEO



HS5D uç



HS1A uç



HS1A


Standart blok(dahil)


Stand **(opsiyonel)**

Kod	Fiyat
HS1A	819 $
HS5D	1039 $

ÖZELLİKLER

Kod	HS1A	HS5D
Tip	HA(Shore A)	HD(Shore D)
Malzeme	yumuşak plastik, kauçuk, deri, vb.	sert plastik, sert kauçuk vb.
Ölçüm aralığı	20~90HA	20~90HD
Çözünürlük	0.1HA	0.1HD
Hassasiyet	±0.5HA	±0.5HD
Uç çıkıntısı	2.5mm	
Güç	şarj edilebilir batarya	
Ağırlık	180g	

DAHİLİ AKSESUARLAR

Ana ünite	1adet
Standart blok	1adet
Şarj aleti	1adet
Yazılım	1adet

OPSİYONEL AKSESUARLAR

Yazıcı	PR100
Stand HS1A	HS-1A-STD
Stand HS5D	HS-5D-STD

CFN1500B KAPLAMA KALINLIĞI ÖLÇÜM CİHAZI

Sertifika AAA

- F ve N Ttipi prob
- F tipi prob manyetik olmayan materyallerin (bakır, çinko, plastik) manyetik materyaller (çelik, nikel) üzerindeki kaplama kalınlığı ölçümlerinde kullanılır.
  N tipi problar geçirgen olmayan materyallerin (boya, plastik, porselen) geçirgen materyallerin (bakır, alüminyum) üzerindeki kalınlığının ölçülmesinde kullanılır
- Geniş ekran
- V tipi prob ile silindirik parça ölçümü
- um/mil birim çevrimi
- Otomatik açma/kapanma
- Işıklı ekran

VIDEO



Kod	Fiyat
CFN1500B	457 $

ÖZELLİKLER

Aralık	0~1500µm
Hassasiyet	2µm(0~100µm)
	3%(100~1500µm)
Çözünürlük	0.1µm (0~99.9µm)
	1µm (100~1500µm)
Min. ölçüm alanı	25×25mm
Min. eğrilik	dışbükey: 5mm; içbükey: 30mm
Min. taban kalınlığı	manyetik: 0.2mm; manyetik olmayan: 0.05mm
Hafıza	30 set
Güç	AAA pil
Boyut(L×W×H)	120×52×26mm
Ağırlık	170g

STANDART TESLİMAT

Ana ünite	1adet
Kalibrasyon folyosu	1set
Kalibrasyon tabanı	1set
AAA pil	2adet

CF/CN1250 KAPLAMA KALINLIĞI ÖLÇÜM CİHAZI

Sertifika AAA

- F tipi prob: Manyetik olmayan materyallerin (bakır, çinko, plastik) manyetik materyaller (çelik, nikel) üzerindeki kaplama kalılnlığı ölçümleri için
  N tipi prob: Manyetik olmayan materyallerin (vernik, emaye, plastik vb.) manyetik materyallerin (çinko, bakır, alüminyum) üzerindeki kaplama kalınlığını ölçün
- V tipi prob ile silindirik parça ölçümü
- Tekil ve devamlı ölçüm
- Tolerans belirleme

VIDEO



CF1250

Kod	Fiyat
CF1250	457 $
CN1250	524 $

ÖZELLİKLER

Kod	CF1250	CN1250
Prob tipi	F	N
Aralık	0~1250µm	
Hassasiyet	2µm(0~100µm)	
	2%(100~1250µm)	
Çözünürlük	0.1µm (0~999µm)	
	1µm (1000~1250µm)	
Hafıza	500	
Güç	3xAAA pil	
Boyut(L×W×H)	150×50×29mm	
Ağırlık	170g	

STANDART TESLİMAT

Ana ünite	1adet
Kalibrasyon folyosu	1set
Kalibrasyon tabanı	1adet
AAA pil	3adet

ST100A ULTRASONİK KALINLIK ÖLÇÜM CİHAZI

Şarjlı

- Tank, boru ve büyük iş parçalarının kalınlığının ölçümü
- Işıklı LCD ekran

VIDEO



Kod	Fiyat
ST100A	497 $

ÖZELLİKLER

Ölçüm aralığı	1.2-225mm(çelik)
Okuma	0.01mm(<100mm)
	0.1mm(≥100mm)
Tekrarlanabilirlik	0.05mm(<100mm)
	0.1mm(≥100mm)
Hassasiyet	±0.5%L+0.04mm L : kalınlık mm
Hız	1000-9999m/s
Min. ölçüm	Ø20×3mm
Güç	şarj edilebilir batarya
Boyut	64×116×27mm
Ağırlık	220g

STANDART TESLİMAT

Ana ünite	1adet
Prob	1adet
Batarya	1 set
Gliserin	1 şişe
Fırça	1adet

ST200 ULTRASONİK KALINLIK ÖLÇÜM CİHAZI

AAA | Veri çıkışı

- Tank, boru gibi büyük parçaların kalınlık ölçümleri için
- Işıklı LCD ekran

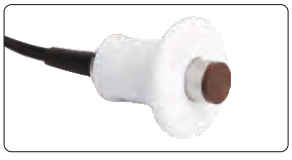
VIDEO



Prob **PT-06** (opsiyonel)



Prob **ZT-12** (opsiyonel)



Prob **GT-12** (opsiyonel)



Kod	Fiyat
ST200	1218 $

ÖZELLİKLER

Okuma	0.01mm(<100mm)
	0.1mm(≥100mm)
Tekrarlanabilirlik	0.03mm(<100mm)
	0.1mm(≥100mm)
Hassasiyet	±0.04mm (<10mm) ±(0.04+H/1000)mm (10~100mm) ±H/333mm (≥100mm) H is the thickness in mm
Hız	1000-9999m/s
Güç	3×AAA batteries
Boyut	64×116×27mm
Ağırlık	220g

STANDART TESLİMAT

Ana ünite	1adet
Prob PT-08	1adet
AAA pil	3adet
Gliserin	1 şişe
Kablo	1adet

OPSİYONEL AKSESUARLAR

Prob	**PT-06, ZT-12, GT-12**

PROBLARIN ÖZELLİKLERİ

Kod	Uygulama	Aralık	Frekans	Min. boru çapı x kalınlık	Çalışma sıcaklığı
PT-08	genel kullanım	0.8-300mm	5.0MHz	20×1.2mm	<60°C
PT-06	ince parçalar	0.75-40mm	7.5MHz	15×1.2mm	<60°C
ZT-12	döküm çelik	2-400mm	2.0MHz	30×4mm	<60°C
GT-12	yüksek sıcaklık	3-100mm	5.0MHz	25×3mm	<310°C

SR200 YÜZEY PÜRÜZLÜLÜĞÜ ÖLÇÜM CİHAZI

VIDEO

Sertifika

Veri çıkışı

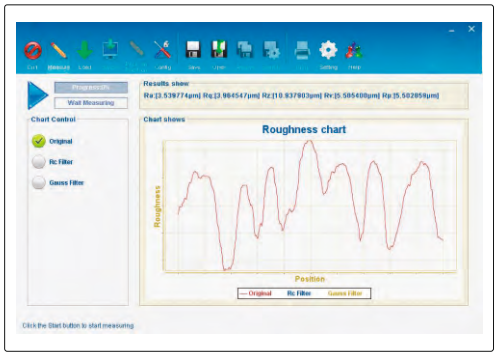
Şarjlı

- 13 ölçüm parametresi
- Prob pozisyon göstergesi
- Bluetooth ile yazıcı bağlantısı
- Yüzey pürüzlülüğü değeri, profil ve eğri ekranda görülebilir
- 100 ölçüm kaydı
- SD kart ile arttırılabilir hafıza
- Otomatik kapanma



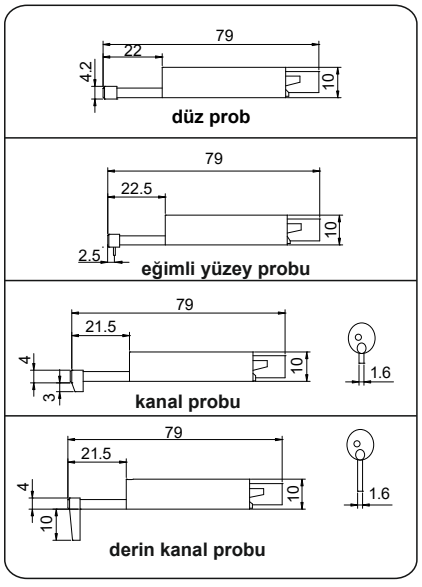


SR200-STD Stand(opsiyonel)



Ölçüm yazılımı

birim: mm



Kod	Fiyat
SR200	2944 $

ÖZELLİKLER

Parametreler		Ra, Rz, Ry,Rq, Rp, Rm, Rt, R3z, Rmax, Sk, S, Sm, tp
Aralık		160µm
Hassasiyet		±10%
Çözünürlük (Ra)		0.001µm
Prob	tip	inductive
	uç radyüs/açı	5µm/90°
	uç malzemesi	elmas
Ölçüm kuvveti		0.4mN
Ölçüm birimi		µm/µin
Cut off		0.25/0.8/2.5mm
Cut-off sayısı		1-5
Hareket hızı		0.5mm/s, 1mm/s
Hafıza		100 ölçüm sonucu
Çıkış		USB
Güç		şarj edilebilir batarya
Boyut(L×W×H)		140×52×48mm
Ağırlık		440g

STANDART TESLİMAT

Ana ünite	1adet
Standart prob	1adet
Kalibrasyon bloğu	1adet
Kalibrasyon tablası	1adet
Ayarlanabilir stand	1adet
Bor koruması	1adet
Usb kablosu	1adet
AC/DC adaptör	1adet
Yazılım	1adet

OPSİYONEL AKSESUARLAR

Uzatma mili	SR200-ER
Dairesel yüzey probu	SR200-02
Kanallar için prob	SR200-03
Derin kanallar için prob	SR200-04
Test standı	SR200-STD
Yazıcı	SR200-PR

SR210 YÜZEY PÜRÜZLÜLÜĞÜ ÖLÇÜM CİHAZI

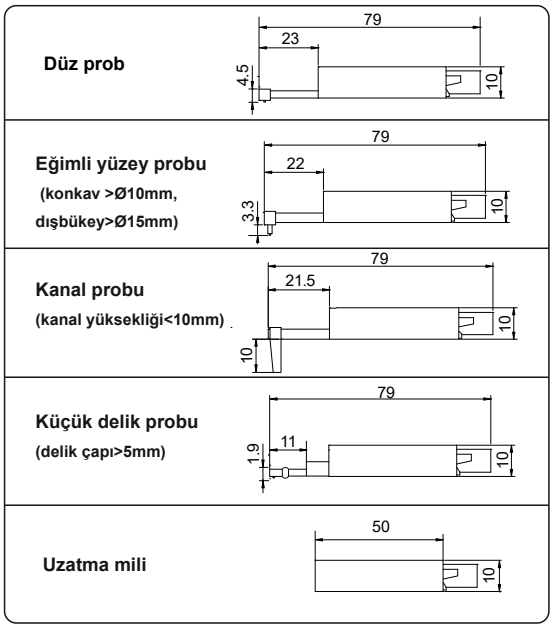
Sertifika | Veri çıkışı | Şarjlı

- Prob ana üniteden ayrı olarak çalışabilir
- 22 pürüzlülük parametresi
- Probe pozisyon göstergesi
- Değer, profil veya eğri ekranda görüntülenebilir
- Maks. 100 sonuç hafızaya alınabilir
- Otomatik kapanma

VIDEO



birim: mm



Kod	Fiyat
SR210	4178 $

ÖZELLİKLER

Parametreler		Ra, Rz, Rq, Rp, Ry, Rv, Rs, R3z, R3y, Rc, Rt, Rmax, Rk, Rku, Rsm, Rpc, Rpk, Rvk, Rsk, Mr1, Mr2, Rz(JIS)
Aralık		±160μm
Hassasiyet		±10%
Çözünürlük(Ra)		0.001μm
Prob	tip	inductive
	uç radyüs/açı	5μm/90°
	uç malzemesi	elmas
Ölçüm kuvveti		0.4mN
Ölçüm birimi		μm/μin
Cut off		0.25/0.8/2.5mm
Cut-off sayısı		1-5
Hareket hızı		0.5mm/s, 1mm/s
Hafıza		100 measurement results
Çıkış		USB
Güç		built-in rechargeble battery
Boyut(L×W×H)		158×64×52mm
Ağırlık		400g

STANDART TESLİMAT

Ana ünite	1adet
Standart prob	1adet
Kalibrasyon bloğu	1adet
Kalibrasyon tablası	1adet
Ayarlanabilir stand	1adet
Kablo (kısa ve uzun)	3adet
USB kablo ve yazılım	1adet
AC/DC adaptör	1adet

OPSİYONEL AKSESUAR

50mm uzatma mili	SR400-ER
Eğimli yüzey probu	SR400-02
Derin kanal probu	SR400-03
Küçük delik probu	SR400-04
Yazıcı	SR400-PR
Mihengir bağlama aparatı	SR400-SP1
Manyetik stand aparatı	SR400-SP2

DF SERİSİ DİJİTAL DİNAMOMETRE

Sertifika

Şarjlı

- İtme ve çekme ölçümü
- Ölçüm yönü otomatik algılama
- Fazla yük koruması
- Yüksek nokta ve anlık ölçüm modu
- Birim: mN, N, gf, kgf, ozf, lbf
- Hafıza: 1000
- Otomatik kapanma
- Tolerans girebilme
- Yazılım ile kuvvet grafiği gösterimi

VIDEO



Stand(Kod: **FS1000,** **Opsiyonel**)



PR100 yazıcı **(Opsiyonel)**



DF200



düz



V-tipi



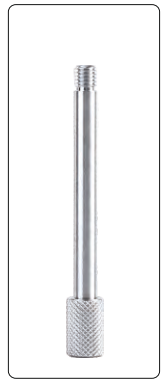
bıçak ağızlı



noktasal



itme



uzatma mili

ÖZELLİKLER

Kod	DF10	DF20	DF50	DF100	DF200	DF500	DF1000
Aralık	10N	20N	50N	100N	200N	500N	1000N
Çözünürlük	0.001N	0.005N	0.005N	0.005N	0.005N	0.01N	0.1N
Hassasiyet	±0.2% x FS						
Güç	şarj edilebilir batarya						
Boyut	153x73x34mm						
Ağırlık	700g						
Fiyat	987 $	987 $	987 $	987 $	987 $	1177 $	1177 $

STANDART TESLİMAT

Ana ünite	1adet
Şarj aleti	1adet
Yazılım	1adet
İtme/çekme uçları	6adet(düz, v tipi, bıçak ağızlı, noktasal, itme, uzatma mili)

OPSİYONEL AKSESUARLAR

Kablosuz yazıcı	**PR100**
Stand	**FS1000**

NK SERİSİ DİNAMOMETRE

Sertifika

- İtme ve çekme testi
- Tepe nokta gösterimi



NK-500



Stand(Kod: **FS1000**, **Opsiyonel**)



uzatma mili



düz



v-tipi



bıçak ağızlı



noktasal



itme

ÖZELLİKLER

Kod	NK-20	NK-30	NK-50	NK-100	NK-200	NK-300	NK-500
Aralık(N)	20	30	50	100	200	300	500
Aralık(Kg)	2	3	5	10	20	30	50
Çözünürlük(N)	0.1	0.2	0.25	0.5	1	2	2.5
Hassasiyet	±2% xFS						
Fiyat	253 $	253 $	253 $	253 $	253 $	253 $	253 $

STANDART TESLİMAT

Ana ünite	1adet
İtme ucu	4adet (düz, V tipi, bıçak ağızlı, noktasal)
Çekme ucu	1adet
Uzatma mili	1adet

OPSİYONEL AKSESUARLAR

Stand	FS1000

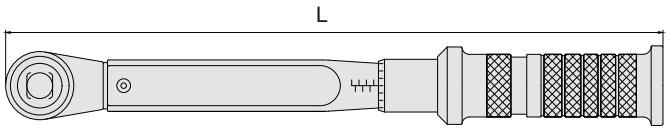
TWM SERİSİ TORK ANAHTARI

Sertifika

- Kolay değer ayarlama
- Hassasiyet: ±4%
- ISO6789, ASMEB107. 14 standart



TWM25



ÖZELLİKLER

Kod	TWM25	TWM50	TWM100	TWM200	TWM340
Aralık	5~25N.m	10~50N.m	20~100N.m	40~200N.m	70~340N.m
Uç boyu	3/8"	3/8"	3/8"	1/2"	1/2"
Boy(L)	275mm	275mm	380mm	505mm	695mm
Ağırlık	420g	420g	580g	1.3kg	1.9kg
Fiyat	**263 $**	**273 $**	**306 $**	**351 $**	**464 $**

TWM-B SERİSİ TORK ANAHTARI

Sertifika

- Ekonomik tip
- Kolay değer ayarlama
- Hassasiyet: ±4%
- ISO6789, ASMEB107. 14 standart



TWM25B

ÖZELLİKLER

Kod	TWM25B	TWM60B	TWM60D	TWM110B	TWM110C	TWM210B	TWM330B	TWM550B	TWM800B	TWM1000B
Aralık (N.m)	5 ~ 25	12 ~ 60	12 ~ 60	22 ~ 110	22 ~ 110	42 ~ 210	66 ~ 330	110 ~ 550	160 ~ 800	200 ~ 1000
Uç boyu	1/4"	3/8"	1/2"	3/8"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"
Boy	250mm	415mm	425mm	460mm	470mm	490mm	565mm	900mm	1200mm	1200mm
Ağırlık	350g	920g	980g	1.06kg	1.17kg	1.26kg	1.34kg	4.3kg	5.6kg	1.34kg
Fiyat	**120 $**	**120 $**	**114 $**	**124 $**	**114 $**	**140 $**	**185 $**	**585 $**	**702 $**	**739 $**

TW SERİSİ DİJİTAL TORK ANAHTARI

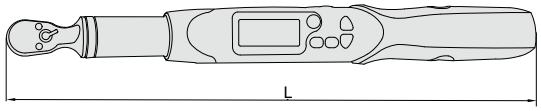
Sertifika AA

- Saat yönü veya tersine kullanım
- Birim: N.m, in.lb, ft.lb, kg.cm
- Üst nokta veya anlık çalışma modu
- Otomatik kapanma
- Kalibrasyon sertifikası

VIDEO



TW135



ÖZELLİKLER

Kod		TW12	TW20	TW30	TW135	TW200	TW340	TW550	TW850	TW1500	TW2000
Aralık(N.m)		2.4~12	4~20	6~30	27~135	40~200	68~340	110~550	170~850	300~1500	400~2000
Çözünürlük		0.01N.m	0.01N.m	0.1N.m	0.1N.m	1N.m	1N.m	1N.m	1N.m	1N.m	1N.m
Hassasiyet	Saat yönü	±3%	±3%	±2%	±2%	±2%	±2%	±2.5%	±2.5%	±2.5%	±2.5%
	Saat yönü tersi	±4%	±4%	±3%	±3%	±3%	±3%	±3.5%	±3.5%	±3.5%	±3.5%
Uç boyutu		1/4"	1/4"	1/4"	3/8"	1/2"	1/2"	3/4"	3/4"	1"	1"
Boy(L)		390mm	390mm	390mm	415mm	530mm	650mm	950mm	1220mm	1800mm	1800mm
Ağırlık		900g	900g	900g	950g	1400g	1800g	3400g	4400g	13kg	14kg
Güç		2xAA pil									
Fiyat		347 $	347 $	451 $	470 $	535 $	824 $	1227 $	1613 $	4137 $	4819 $

TWD SERİSİ SAATLİ TORK ANAHTARI

Sertifika

- Saat yönü veya tersine kullanım
- DIN ISO 6789, ASME B107.300 standart



TWD70

ÖZELLİKLER

Kod	TWD3	TWD9	TWD18	TWD35	TWD70	TWD140	TWD240	TWD350
Aralık	0.7~3.5N.m 6~30in.lb	1.8~9N.m 15~75in.lb	3.6~18N.m 30~150in.lb	7~35N.m 60~300in.lb	14~70N.m 120~600in.lb	28~140N.m 20~100ft.lb	48~240N.m 35~175ft.lb	70~350N.m 50~250ft.lb
Hassasiyet	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%
Okuma	0.05N.m 0.5in.lb	0.1N.m 1in.lb	0.2N.m 2in.lb	0.5N.m 5in.lb	1N.m 10in.lb	2N.m 1ft.lb	3N.m 2.5ft.lb	2.5N.m 2.5ft.lb
Uç boyutu	1/4"	1/4"	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"
Boy	254mm	254mm	254mm	254mm	378mm	546mm	546mm	546mm
Ağırlık	480g	480g	480g	480g	820g	1300g	1300g	1300g
Fiyat	472 $	472 $	472 $	472 $	549 $	626 $	626 $	626 $

KOD	AÇIKLAMA	SAYFA
	101-197	
101	Saatli Kumpas	5
109	Mekanik İç Kanal Kumpası - Çift Çene	18
111	Dijital Kumpas	1
111	Dijital Kumpas IP54	2
112	Dijital Kumpas IP67	2
112	Dijital Kumpas IP67	3
114	Dijital Kumpas 100mm	4
117	Plastik Dijital Kumpas	4
118	Dijital Kumpas	7
119	Dijital Kumpas	8
120	Mekanik Kumpas	6
121	Mekanik Kumpas	6
127	Mekanik Kumpas	9
132	Dijital İç Kanal Kumpası	15
132	Dijital İç Kanal Kumpası	16
133	Dijital Dış Kanal Kumpası	11
134	Dijital Dış Kanal Kumpası - Pimli	12
135	Dijital İç Kanal Kumpası	13
136	Dijital İç Kanal Kumpası	14
136	Dijital İç Kanal Kumpası - Uzun Çene	15
137	Dijital Et Kalınlığı Kumpası	17
138	Dijital Nokta Temaslı Kumpas	10
139	Dijital Bıçak Ağızlı Kumpas	17
143	Mekanik Dış Kanal Kumpas	11
144	Mekanik Dış Kanal Kumpası - Pimli	12
145	Mekanik İç Kanal Kumpası	13
146	Mekanik İç Kanal Kumpası	14
149	Değiştirilebilir Uçlu Dijital Kumpas	19
156	Dijital Modül Kumpası	20
159	Dijital İç Kanal Kumpası - Çift Çene	18
166	Mekanik Modül Kumpası	20
168	Dijital İnce Uçlu Kumpas	10
171	Dijital Derinlik Kumpası	21
172	Dijital Pimli Derinlik Kumpası	22
173	Dijital Çengel Ağızlı Derinlik Kumpası	22
174	Dijital Çift Kanca Ağızlı Derinlik Kumpası	23
176	Mekanik Derinlik Kumpası	27
177	Mekanik Derinlik Kumpası	25
179	Saatli Derinlik Kumpası	25
179	Kumpaslar için Derinlik Kumpası	26
180	Yükseklik Mihengirleri için Çizici	35
181	Dijital Yükseklik Mihengiri	33
182	Dijital Yükseklik Mihengiri - Çift Sütunlu	33
184	Dijital Yükseklik Mihengiri - Makaralı	34
185	Saatli Yükseklik Mihengiri	34
186	Mekanik Yükseklik Mihengiri	35
191	Dijital Delikli Derinlik Kumpası	23
192	Mekanik Çengel Ağızlı Derinlik Kumpası	26
193	Dijital Derinlik Kumpası - Yuvarlak Çubuk	24
194	Dijital Derinlik Kumpası - Yuvarlak Çubuk	24
197	Dijital Derinlik Kumpası IP67	21
	210-299	
210	Dijital Komparatör Saati	59
211	Dijital Komparatör Saati	59
212	Dijital Komparatör Saati	60
214	Dijital Komparatör Saati	61
215	Silindir Komparatörleri için Dijital Komparatör Saati	60
221	Mekanik Komparatör Saati	65
222	Mekanik Komparatör Saati	62
222	Mekanik Komparatör Saati	63
223	Mekanik Komparatör Saati	63
225	İnç Mekank Komparatör Saati	69
226	Darbeye Dayanıklı Mekanik Komparatör Saati	66
227	Kaldırma Kollu Dijital Komparatör Saati	62
228	Mekanik Komparatör Saati	65
228	Mekanik Komparatör Saati	66
229	Mekanik Komparatör Saati	67
229	Mekanik Komparatör Saati - 50,100mm	68
230	Mekanik Komparatör Saati	64
231	Su Geçirmez Mekanik Komparatör Saati	68
232	Tek Turlu Mekanik Komparatör Saati	64
233	Çift Taraflı Komparatör Saati	67
243	Dijital Silindir Komparatörü 400-800mm	57
244	Dijital Silindir Komparatörü	57
251	Mekanik Silindir Komparatörü	56
253	Mekanik Silindir Komparatörü 400-800mm	57
254	Mekanik Silindir Komparatörü	57
259	Salgı Komparatörü	70
260	Salgı Komparatörleri için Uçlar	71
261	Salgı Komparatörü	69
261	Salgı Komparatörü	70
263	Uzun Uçlu Salgı Komparatörü	71
279	Üniversal Manyetik Stand	74
281	Manyetik Stand	72
282	Üniversal Manyetik Stand	73
283	Üniversal Manyetik Stand	74
285	Mafsallı Manyetik Stand	75
286	Mini Manyetik Stand	75
289	Granit Tabanlı Komparatör Standı	76
290	Seramik Tabanlı Komparatör Standı	76
291	Mekanik Derinlik Komparatörü	31
292	Mekanik Derinlik Komparatörü	31
293	Dijital Derinlik Komparatörü	29/30
295	Mekanik Derinlik Komparatörü	32
296	Dijital Radyüs Ölçer	58
297	Merkezleme Saati	124
298	Krank Komparatörü	86
299	Mekanik Derinlik Komparatörü	32
	311-395	
311	Dijital Mikrometre	36
312	Dijital Mikrometre	36
313	Dijital Mikrometre IP65	37
315	Dijital Değiştirilebilir Uçlu Mikrometre	39
316	Dijital Bıçak Ağızlı Mikrometre	42
317	Dijital Nokta Uçlu Mikrometre	43
318	Dijital Pim Uçlu Mikrometre	44
319	Dijital Kenar Yüksekliği Mikrometresi	45
321	Mekanik Mikrometre	38
321	Mekanik Mikrometre Seti	38
322	Dijital Disk Uçlu Mikrometre	48
325	Mekanik Değiştirilebilir Uçlu Mikrometre	40
326	Mekanik Bıçak Ağızlı Mikrometre	42
327	Mekanik Nokta Uçlu Mikrometre	43
328	Mekanik Pim Uçlu Mikrometre	44
329	Mekanik Ayarlanabilir Mikrometre	41
331	Dijital Boru Et Kalınlığı Mikrometresi	46
336	Mekanik Sac Metal Mikrometresi	49
340	Mekanik Boru Et Kalınlığı Mikrometresi	46
341	Mekanik Silindirik Uçlu Boru Et Kalınlığı Mikrometresi	47
342	Mekanik Disk Uçlu Mikrometre	48
346	Mekanik Kenar Yüksekliği Mikrometresi	45
350	Dijital Sac Metal Mikrometresi	49
351	Mekanik İç Çap Mikrometresi	53
352	Boru Tipi İç Çap Mikrometresi	54
353	Boru Tipi İç Çap Mikrometresi	55
356	Dijital İç Çap Mikrometresi	54
359	Dijital Boru Tipi İç Çap Mikrometresi	55
361	Dijital 3 Nokta Temaslı İç Çap Mikrometresi	50
361	Dijital Nokta Temaslı İç Çap Mikrometre Setleri	52

KOD	AÇIKLAMA	SAYFA
362	Mekanik 3 Nokta Temaslı İç Çap Mikrometresi	51
362	Mekanik Nokta Temaslı İç Çap Mikrometre Setleri	52
380	Dijital Silindirik Uçlu Boru Et Kalınlığı Mikrometresi	47
391	Mekanik Derinlik Mikrometresi	28
392	Mekanik Derinlik Mikrometresi	28
395	Dijital Derinlik Mikrometresi	27
	410-460	
410	Dijital İç Çap Kanal Komparatörü	77
411	Mekanik İç Çap Kanal Komparatörü	77
412	Dijital İç Çap Kanal Komparatörü	79
413	Mekanik İç Çap Kanal Komparatörü	79
420	Dijital Dış Çap Kanal Komparatörü	78
421	Mekanik Dış Çap Kanal Komparatörü	78
422	Dijital Dış Çap Kanal Komparatörü	80
423	Mekanik Dış Çap Kanal Komparatörü	80
441	Dijital Kalınlık Komparatörü	81
443	Mekanik Kalınlık Komparatörü	82
444	Mekanik Kalınlık Komparatörü	84
449	Mekanik Kalınlık Komparatörü	85
460	Dijital Kalınlık Komparatörü	83
	512-547	
512	Çelik Johnson Mastar Seti	87
517	Kumpas Kontrolü için Mastar Seti	88
518	Mikrometre Kontrolü için Mastar Seti	89
529	Vida Çap Ölçme Telleri	90
531	Halka Mastarlar	90
532	Halka Diş Mastarlar	92
533	Halka Diş Mastarlar	92
534	Halka Diş Mastarlar	92
535	Halka Diş Mastarlar	92
535/536/545	Withworth Diş Mastarları	95
537	Amerikan Standardı Halka Diş Mastarlar	94
538	Amerikan Standardı Halka Diş Mastarlar	94
541	Tampon Mastarlar	91
542	Tampon Diş Mastarlar	93
544	NPT Diş Mastarları	95
547	Amerikan Standardı Tampon Diş Mastarlar	94
	632-696	
632	V-Blok Seti	121
633	Manyetik V Blok	121
634	Manyetik V-Blok	122
635	Manyetik V-Blok Seti	122
692	Işıklı Prob	124
695	Z Sıfırlama	123
696	Z Sıfırlama	123
	711-741	
711	Kare Su Terazisi	101
712	Dijital Su Terazisi	102
713	Düz Su Terazisi	101
721	Dijital Su Terazisi	102
722	Dijital Su Terazisi	103
723	Dijital Su Terazisi	103
741	Amerikan Standart Sac Levha Mastarı	117
741	Amerikan Standart Tel Mastarı	117
	811-822	
811	Açı Ölçer	100
812	Açı Ölçer	100
814	Açı Ölçer	96
815	Üniversal Açı Ölçer	97
816	Üniversal Açı Ölçer	97
817	Kombine Açı Ölçer - Gönye Seti	99
821	Dijital Açı Ölçer	98
822	Dijital Açı Ölçer	96

KOD	AÇIKLAMA	SAYFA
	911-997	
911	Filler Çakısı	104
912	Filler Çakısı	104
913/914/915	Filler Çakısı	105
916	Sentil	105
922/923/924/925	Diş Tarağı	106
926	Diş Mastarı	106
932	Açı Mastar Seti	107
941	Radyüs Mastarı	107
942	Radyüs Mastar Seti	108
951	Teleskobik Mastar Seti	108
956	Pimetreler	58
961	Konik Mastar	109
962	Konik Mastar	110
962	Konik Mastar Seti	110
963	Dijital Konik Mastar	109
964	Konik Mastar	111
970	Dijital Kaynakçı Kumpası	111
971	Kaynakçı Kumpası	112
972	Kaynak Mastarı	112
973	Kaynakçı Kumpası	113
974	Kaynakçı Kumpası	114
975	Kaynakçı Kumpası	115
976	Boru Kaynak Kumpası	116
988	Ölçme Çarkı	118
990	Çelik Cetvel	118
996	Dijital Yataz Cetvel	119
997	Dijital Dikey Cetvel	120
CF/CN1250	Kaplama Kalınlığı Ölçüm Cihazı	139
CFN1500B	Kaplama Kalınlığı Ölçüm Cihazı	138
DF Serisi	Dijital Dinamometre	143
DM200	Dijital Mikroskop	125
DM600	Yüksek Büyütmeli Dijital Mikroskop	125
HL350	Taşınabilir Sertlik Ölçüm Cihazı	135
HL400	Taşınabilir Sertlik Ölçüm Cihazı	135
	Diğer	
HR150B	Manuel Rockwell Sertlik Ölçüm Cihazı	133
HS Serisi	Dijital Shore Sertlik Ölçüm Cihazı	137
HSM Serisi	Shore Sertlik Ölçüm Cihazı	136
HVSM1000M	Mikro-Vickers Sertlik Ölçüm Cihazı	134
NK Serisi	Dinamometre	144
PM100	Taşınabilir Ölçüm Mikroskobu	126
PP Serisi	Profil Projeksiyon	127/128
PP3020W	Yatay Profil Projeksiyon	129/130
SR200	Yüzey Pürüzlülüğü Ölçüm Cihazı	141
SR210	Yüzey Pürüzlülüğü Ölçüm Cihazı	142
ST100A	Ultrasonik Kalınlık Ölçüm Cihazı	139
ST200	Ultrasonik Kalınlık Ölçüm Cihazı	140
TW Serisi	Dijital Tork Anahtarı	146
TWD Serisi	Saatli Tork Anahtarı	146
TWM Serisi	Tork Anahtarı	145
TWM-B Serisi	Tork Anahtarı	145
VM Serisi	Kameralı Ölçüm Cihazı	132
VM Serisi	Kameralı Ölçüm Cihazları	131
WIFI200	Dijital Kablosuz Mikroskop	126