

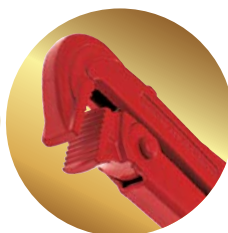
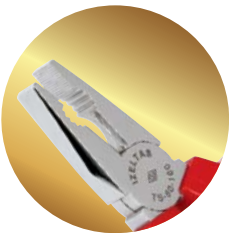


WIZELTAS®

Aralık/2018
FİYAT KATALOĞU



Y M T
KİMYA & HİRDAVAT
Solution partner



Fiyatlarımıza KDV dahil değildir.



IZELTAS[®]

“50 yıldır aileden biri”

www.izeltas.com.tr



b2b.izeltas.com.tr

**Her platformda
Bir tık kadar yakınızdada...**





İZELTAŞ - SÜTÇÜLER



İZELTAŞ - TURGUTLU



Yarım asırlık 'güven'

Kalite yolculuğu inanmakla başlar.

Türkiye'nin ilk ve en büyük el aletleri üreticisi İZELTAŞ, tam 50 yıl önce Ege'nin gözbebeği İzmir'den işte bu inançla yola çıktı. Yüzde 100 Türk sermayesiyle oluşturulan ve günden güne büyüyen İZELTAŞ, modern teknolojiyle donatılmış dev tesislerinde üretilen dört bin beş yüz den fazla ürünle 40 ülkeye ihracat yaparak hem kendi insanına hem de ülke ekonomisine katkı sağlıyor.

El aletlerinin yanı sıra üretilen dövme parçalar ile başta otomotiv olmak üzere inşaat, denizcilik ve madencilik sektörüne, savunma ve havacılık sanayilerine, ziraat endüstrisine, altyapı işlerine dek birçok kamu ve özel sektör kuruluşuna hizmet sunuyor.

Daha iyisi, daha yenisi için...

Kalıphane, dövme, işleme, ısıtma işlemi, krom-nikel kaplama, boyama, plastik daldırma, plastik enjeksiyon ve markalama departmanlarından oluşan dünyadaki ender entegre fabrikalardan İZELTAŞ'ta üretimin her aşamasında kalite kontrolüne tabi tutulan ürünler; fiziksel, metalürjik, kimyasal ve elektriksel testlerden geçirilerek İZELTAŞ güvencesine alınıyor. Ar-Ge ve inovasyon ışığında değişime ve gelişime her daim açık olan İZELTAŞ, bu sayede gücüne güç katıyor.

T.C. Sanayi ve Teknoloji Bakanlığ'ından AR-GE Merkezi belgesine sahip İZELTAŞ, TS EN ISO 9001 Kalite Yönetim Sistemi, IATF 16949 Otomotiv Kalite Yönetim Sistemi, TS (OHSAS) 18001 İş Sağlığı ve Güvenliği Yönetim Sistemi, TS EN ISO 14001 Çevre Yönetim Sistemi, TS EN ISO 50001 Enerji Yönetim Sistemleri; TSE, TSEK, VDE GS ürün kalite belgeleri ve yüksek teknolojisi ile sadece Türkiye'de değil, dünyada da farkını ortaya koyuyor.

Önce güvenlik, sonra üretim

İnsan önemli, emek değerlidir. İZELTAŞ, "Önce güvenlik" anlayışından ayrılmadan, çalışanları için önlem almaya, onları iş sağlığı ve güvenliği konusunda eğitmeye devam ediyor. Çünkü; "İnsan vücudunun yedek parçası yoktur"

Size ulaştıktan sonra...

Satış sonrasında tüketici haklarını koruma ve sınırsız hizmet anlayışı İZELTAŞ'ın vazgeçilmez şirket politikalarından birini oluşturuyor.

Dolayısıyla...

- El aletleri' dendiğinde akla gelen ilk isim olabildiysek,
- Yarım asırdır 'aileden biri' olmanın hakkını verebildiysek,
- 'Türk malı' sözünün altına imzamız atabildiysek,
- 'Yıllarca kullanılır' diyerek her zaman tercih edildiysek,

Gücümüzü, şevkimizi ve inancımızı siz değerli bayilerimiz ve tüketicilerimizden alıyoruz.

850 çalışanımızla birlikte üreterek, değer sağlayarak dünya markası olmanın haklı gururunu yaşıyoruz.

Nice 50 yıllara!

Half a century of reliability

Faith is the essential step on the journey to achieve utmost quality.

As the first and largest hand tool manufacturer of Turkey, İZELTAŞ, had this faith as it started its journey 50 years ago in İzmir, the beautiful city in the Aegean region. Its establishment, consisting of 100% national capital, İZELTAŞ has grown in years into an industrial giant with huge facilities equipped with state-of-the-art technologies and over 4500 products. Exporting to more than 40 countries, the company is a prominent contributor to not only the Turkish economy but also the community.

Along with manufacturing hand tools, İZELTAŞ produces forged steel parts for various industries like automotive, construction, maritime, mining, aviation, defence, agriculture and infrastructure.

Newer and better

İZELTAŞ is one of the few fully integrated factories in the world that consists of die tooling, forging, processing, heat processing, chrome-nickel plating, dyeing, pvc coating, plastic injection and marking departments. Every stage of the production is tested for quality assurance using physical, metallurgical, chemical and electrical methods. R&D and innovation are the key words that empower İZELTAŞ as a company which embraces development and improvement as its main philosophy.

İZELTAŞ is an accredited R&D Center by the Ministry of Science, Industry and Technology and has been certified with the following: ISO 9001 Quality Management System, IATF 16949 Automotive Quality Management System, OHSAS 18001 Occupational Health and Safety Management System, ISO 14001 Environment Management System, ISO 50001 Energy Management System certification, TSE, TSEK and VDE GS product certification.

Safety before production

Humans are the most significant factors of any industry and their labour is precious. Health and safety awareness is the fundamental policy of İZELTAŞ. The company continuously organizes training programs on occupational health and safety which emphasise that safety comes first and it is not possible to fix humans by changing the damaged organs with spare ones.

Customer satisfaction

Another fundamental policy of İZELTAŞ is the customer satisfaction. The company is dedicated to serve its customers and protect their rights as consumers.

Hence...

- We are the first brand that comes to mind in the hand tools industry
- We are valued almost as a part of the families of our consumer
- We have proved ourselves worthy of the statement "Made in Turkey"
- We have been the first choice of the consumers for durability over the years

Our power, enthusiasm and faith are derived from our distinguished dealers and consumers.

We are proud to have become a world brand with our 850 employees who strive everyday to contribute to the productivity of the company, creating an added value for the economy and our community.

To many 50 years to come!

Takım Dolapları ve Takım Çantaları
Tool Trolleys, Tool Boxes



7-38

1

Anahtarlar
Wrenches



41-60

2

Lokma ve Bijon Anahtarları
Sockets and Rim Wrenches



61-84

3

Boru Anahtarları ve Penseler
Pipe Wrenches and Pliers



85-98

4

1000V Grubu Ürünler
1000V Product Group



99-102

5

Tornavida ve Allen Anahtarlar
Screwdrivers and Hex Key Wrenches



103-123

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Keskiler ve Çekiçler
Chisels and Hammers



125-130

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Maintenance Tools and Equipment



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Limited Items



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Technical Information



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1

Takım Dolapları Takım Çantaları ve Alet Setleri Tool Trolleys, Tool Boxes and Hand Tool Sets



Takım Dolapları Tool Cabinets

Takım Çantaları Tool Boxes

Servis Masaları Service Tables

Alet Setleri Tool Sets



ZELTAS

8241 PRO SERİSİ / PRO SERIES

Pro Serisi Takım Dolabı (5-6-7-8 Çekmeceli) Pro Series Workshop Trolley (5-6-7-8 Drawers)



Ölçü/Size: 470x670x1006 mm

Sacdan imal edilmiş, Fırın boyalı
Made of sheet metal, Electrostatic paint

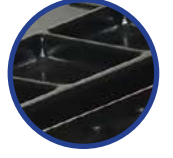
✓ Merkezi kilit sistemi, mandal sistemi ve devrilme emniyet sistemi.
● Central lock system, handgrip lock system and antitilt system.



✓ Teleskobik rulmanlı kızaklar tüm çekmeceler %100 açılabilir.
● Telescopic slides which are %100 extendable.



✓ 8 bölmeli sağlam ve dayanıklı ABS plastik üst malzeme tabla.
● Durable ABS worktop with 8 divisions



✓ 2 sabit, 2 hareketli frenli tekerlek Ø 125mm
● 2 swivel castors with brake, 2 fixed castors Ø 125mm



✓ Yüksek dayanımlı elektrostatik toz boya.
● High strength electrostatic powder coating



✓ Toplam 6 Adet yan ve arka avadanlık bölümleri.
● 6 tool holders



| KOD/CODE | ÇEKMECE DRAWERS | 35 kg | 45 kg | 45 kg | kg | RENK COLORS | FİYAT TL/Ad |
|--------------------------------------|-----------------|------------|-------------|-------------|----|----------------------|-------------|
| | | 400x548x68 | 400x548x143 | 400x548x218 | | | |
| 8241 32 1005 | 5 | 1X | 4X | -- | 59 | | |
| 8241 32 1006 | 6 | 4X | 1X | 1X | 62 | RAL 7035 RAL 3020 | |
| 8241 32 1007 | 7 | 5X | 2X | -- | 65 | | |
| 8241 32 1008 | 8 | 7X | 1X | -- | 67 | | |
| 8241 32 2005 | 5 | 1X | 4X | -- | 59 | | |
| 8241 32 2006 | 6 | 4X | 1X | 1X | 62 | RAL 7035 RAL 5003 | |
| 8241 32 2007 | 7 | 5X | 2X | -- | 65 | | |
| 8241 32 2008 | 8 | 7X | 1X | -- | 67 | | |
| 8241 32 3005 | 5 | 1X | 4X | -- | 59 | | |
| 8241 32 3006 | 6 | 4X | 1X | 1X | 62 | RAL 7035 RAL 7016 | |
| 8241 32 3007 | 7 | 5X | 2X | -- | 65 | | |
| 8241 32 3008 | 8 | 7X | 1X | -- | 67 | | |
| 8241 00 1209 Dolu/Full 209 Parça/Pcs | 8 | 7x | 1x | -- | | | |

1. Pro Seri Çekmece/Drawer

Kod / Code 8241001030

| KOD CODE | İÇERİK CONTENTS | □ | FİYAT TL/Ad |
|----------|--|----|-------------|
| 0130 | İki Ağız Anahtar Uzun Boy / D/E Open Jaw Wrench Long Pattern 6x7 - 8x9 - 10x11 - 12x13 14x15 - 16x17 - 18x19 - 20x22 21x23 - 24x26 | 10 | |
| 0330 | Kombine Anahtar Uzun Boy / Combination Wrench Long Pattern 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 17 - 19 - 22 | 12 | |
| 0430 | Yıldız Anahtar / D/E Ring Wrench 6x7 - 8x9 - 10x11 - 12x13 14x15 - 16x17 18x19 - 20x22 | 8 | |

2. Pro Seri Çekmece/Drawer

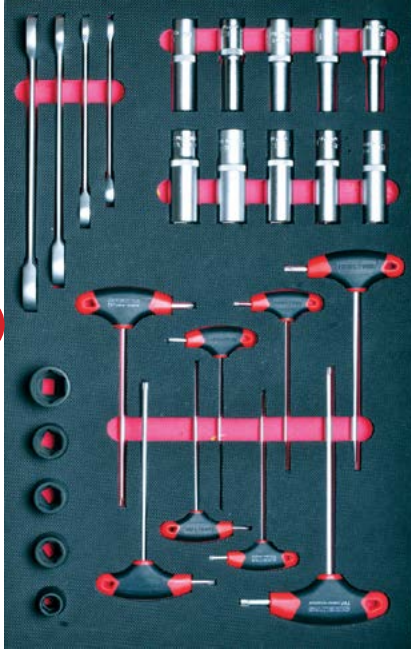
Kod / Code 8241002072

| KOD CODE | İÇERİK CONTENTS | □ | FİYAT TL/Ad |
|----------|---|----|-------------|
| 1107 | 1/4" Karbüratör Lokma Takımı / 1/4" Socket Wrench Set 4 - 5 - 6 7 - 8 - 9 - 10 11 - 12 - 13 Altı Köşe Six Point 8 - 10 Sekiz Köşe Eight Points | 18 | |
| 1113 | 1/2" Lokma Takımı / 1/2" Socket Wrench Set 10 - 11 - 12 13 - 14 - 15 16 - 17 - 18 19 - 21 - 22 23 - 24 - 26 27 - 28 - 30 32 | 24 | |
| 1113 | 1/2" Lokmalı Allen Uçlar / 1/2" Hexagonal Bits Sockets H5-H6-H7-H8-H10-H12-H14 | 7 | |
| 1113 | 1/2" Lokmalı Star Uç / 1/2" Star Bits Socket T20-T25-T27-T30-T40-T45-T50-T55-T60 | 9 | |
| 0330 | Kombine Anahtar Uzun Boy / Combination Wrench Long Pattern | 2 | |
| 4900 | Allen Takımı 6 Köşe / Hex Key Wrench Set 2-2.5-3-3.5-4-5-6-7-8-9-10-12 | 12 | |

3. Pro Seri Çekmece/Drawer

Kod / Code 8241003051

| KOD CODE | İÇERİK CONTENTS | □ | FİYAT TL/Ad |
|----------|---|----|-------------|
| 07415 | Sıralı Tel Fırça 3 Sıralı / Hand Brush 3 Raws | 1 | |
| 6350 | Levye Oluklu / Tyre Lever 400 mm | 1 | |
| 6220 | Spiralli Mıknatıs / Flexible Magnet Holder 500 gr | 1 | |
| 4110 | Düz Topaç Tornavida / Screwdriver , Stubby, Flat 6.5x25 | 1 | |
| 4130 | Yıldız Topaç Tornavida / Screwdriver , Stubby, Phillips 6x25 | 1 | |
| 4770 | Lokma Uçlu Tornavida / Nutspinner 6-7-8-9-10-13 | 6 | |
| 4780 | Manyetik Bits Tutucu Tornavida / Screwdriver, Magnetic Bit Holder 6.3x120 | 1 | |
| 4905 | Yuvarlak Başlı Allen Takımı (Kutulu) / Hexkey Wrench Ballpoint Set 2-2.5-3-4-5-6-8-10 mm | 8 | |
| 4800 | Bits Set Takım (Kutulu) / Bits Set in metal case | 31 | |



4

4. Pro Seri Çekmece/Drawer

Kod / Code 8241004027

| KOD CODE | İÇERİK CONTENTS | □ | FİYAT TL/Ad |
|----------|--|----|-------------|
| 0340 | Cırcır Kombine Anahtar / Combination Wrench With Ratchet 10-13-17-19 mm | 4 | |
| 4909 | T Tipi Torx Allen Anahtar / Torx Allen Key T type T9-T10-T15-T20-T25-T27-T30-T40 | 8 | |
| 1108 | 1/2" Altı Köşe Derin Lokma / 1/2" Deep Socket Wrench, six points 10-11-12-13-14-15-16-17-18-19 | 10 | |
| 1113 | 1/2" Altı Köşe Havalı Lokma / 1/2" Impact Socket Wrench 13-17-18-19-24 mm | 5 | |

1



5

5. Pro Seri Çekmece/Drawer

Kod / Code 8241005010

| KOD CODE | İÇERİK CONTENTS | □ | FİYAT TL/Ad |
|----------|--|---|-------------|
| 3331 | İç Eğri Segman Pense / Circlip Pliers, Internal, Bent 170 mm | 1 | |
| 3321 | İç Düz Segman Pense / Circlip Pliers, Internal, Flat 180 mm | 1 | |
| 3311 | Dış Eğri Segman Pense / Circlip Pliers, External, Bent 170 mm | 1 | |
| 3301 | Dış Düz Segman Pense / Circlip Pliers, External, Flat 180 mm | 1 | |
| 3700 | Yan Keski Opak İzole / Side Cutting Pliers, 160 mm | 1 | |
| 3220 | Düz Kargaburun Opak İzole / Nose Pliers, 200 mm | 1 | |
| 3020 | Kombine Pense Opak İzole / Combination Pliers, 180 mm | 1 | |
| 2510 | Special Ayarlı Pense / Special Grip 250 mm | 1 | |
| 0600 | Kurbağacık Anahtar / Adjustable Jaw Wrench 10" | 1 | |
| 2400 | Üniversal Fort Pense / Universal Grip 240 mm | 1 | |



6

6. Pro Seri Çekmece/Drawer

Kod / Code 8241006018

| KOD CODE | İÇERİK CONTENTS | □ | FİYAT TL/Ad |
|----------|---|---|-------------|
| 4300 | Opak Seri Düz Uçlu Tornavida / Opak Screwdriver, Flat 4x100-5x125-6x150-8x175 | 4 | |
| 4320 | Opak Seri Yıldız Uçlu Tornavida / Opak Screwdriver, Phillips 4.5x80-6x100 | 2 | |
| 5800 | Tesviyeci Çekiç / Mechanist Hammer 300 gr | 1 | |
| 5850 | Plastik Çekiç / Plastic Hammer ø30 | 1 | |
| 5545 | Konik Pim Zimba / Drift Punch 5 mm | 1 | |
| 5550 | Düz Pim Zimba / Split Pin Punch 5 mm | 1 | |
| 5540 | Nokta Zimba / Center Punch 5x120 | 1 | |
| 5500 | Düz Keski / Flat Cold Chisel 150 mm | 1 | |
| 4920 | T Tipi Allen Anahtar / T Type Hex Key Wrench 3-4-5-6-7-8 | 6 | |



8245 PREMIUM SERİSİ / PREMIUM SERIES

Premium Serisi Takım Dolabı (5-7 Çekmeceli) Premium Series Workshop Trolley (5-7 Drawers)



✓ 6 bölmeli sağlam ve dayanıklı ABS plastik üst malzeme tabla.
● Resistant and solid top cover having 6 divisions



✓ %100 açılabilir teleskobik raylar.
● %100 extendable telescopic slides



✓ Merkezi kilit
✓ Mandal sistemi
✓ Devrilme emniyet sistemi
● Central lock
● Handgrip Lock system
● Anti tilt system



✓ 2 sabit, 2 hareketli frenli tekerlek ø 125mm
● 2 swivel castors with brake
2 fixed castors ø 125mm



✓ Standard tutma sapı
● Standard handle



✓ Plastik köşe koruma
● Plastic corner protection







✓ Yüksek dayanımlı elektrostatik toz boya.
● High strength electrostatic powder coating.



Ölçü/Size: 495x717x947

Sacdan imal edilmiş, Fırın boya
Made of sheet metal, Electrostatic paint



| KOD/CODE | ÇEKMECE DRAWERS |  35 kg |  35 kg |  35 kg |  Kg | RENK COLORS | FİYAT TL/Ad |
|-------------------------|-----------------|---|---|--|--|-------------|-------------|
| 8245 32 1005 | 5 | 400x548x62 | 400x548x132 | 400x548x201 | | | |
| 8245 32 1007 | 7 | 5 | 1 | 1 | | | |
| 8245 00 7096 | 7 | 5 | 1 | 1 | | | |
| Dolu/Full 245 Parça/Pcs | | | | | | | |

RAL 9005
RAL 3020

1. Premium Seri Çekmece/Drawer Kod / Code 8245001042

| KOD CODE | İÇERİK CONTENTS | □ | FIYAT TL/Ad |
|----------|---|----|-------------|
| 0100 | İki Ağız Anahtar Kısa Boy D/E Open jaw wrenches Short Pattern 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 | 8 | |
| 0320 | Kombine Anahtar Kısa Boy Combination wrenches Short Pattern 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 | 21 | |
| 0430 | Yıldız Anahtar Ring Wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 | 8 | |
| 0340 | Cırcır Kombine Anahtar / Combination Wrench With Ratchet 8-10-13-17-19 mm | 5 | |

2. Premium Seri Çekmece/Drawer Kod / Code 8245002094

| KOD CODE | İÇERİK CONTENTS | □ | FIYAT TL/Ad |
|----------|---|----|-------------|
| 1107 | 1/4" Lokmalı Allen Uçlar / Hexagonal Bits Socket 2,5 - 3 - 4 - 5 - 6 - 7 - 8 - 10 | 8 | |
| 1107 | 1/4" Lokmalı Torx Uç / Torx Bits Socket T8-T9-T10-T15-T20-T25-T27-T30-T40 | 9 | |
| 1107 | 1/4" Lokmalı Yıldız Uç / Phillips Bits Socket PH1-PH2-PH3 | 3 | |
| 1107 | 1/4" Lokmalı Düz Uç / Slotted Bits Socket 3 - 4 - 5,5 - 6,5 | 4 | |
| 1107 | 1/4" Altı Köşe Derin Lokma / Deep Socket Wrench 6 Point 4-5-5,5-6-7-8-9-10-11-12-13 | 11 | |
| 1113 | 1/2" Lokmalı Allen Uç Takım / Hexagonal Bits Socket 5-6-7-8-10-12-14 | 7 | |
| 1113 | 1/2" Lokmalı Torx Uç Takım / Torx Bits Socket T20-T25-T27-T30-T40-T45-T50-T55-T60 | 9 | |
| 1107 | 1/4" Karbüratör Lokma Takımı / Socket Wrench Set 4 - 5 - 6 7 - 8 - 9 - 10 11 - 12 - 13 Altı Köşe Six Points 8 - 10 Sekiz Köşe Eight Points | 18 | |
| 1113 | 1/2" Buji Lokma Lastikli Spark Plug Socket With Rubber 16 mm 1/2" Lokma Takımı / Socket Wrench Set 1/2" Cırcır Kolu 32 Diş Ratchet Handle 1/2" Mafsalsal / Universal Joint 1/2" T Kol Adaptör / Sliding T Handle Adapter 1/2" Ara Kol / Extension Bar 125 mm 1/2" Ara Kol / Extension Bar 250 mm | 24 | |

3. Premium Seri Çekmece/Drawer Kod / Code 8245003014

| KOD CODE | İÇERİK CONTENTS | □ | FIYAT TL/Ad |
|----------|--|---|-------------|
| 3700 | Yan Keski Opak İzole / Side Cutting Pliers 160 mm | 1 | |
| 3020 | Kombine Pense Opak İzole / Combination Pliers 180 mm | 1 | |
| 3220 | Düz Kargaburun Opak İzole / Nose Pliers Flat 180 mm | 1 | |
| 4300 | Opak Seri Düz Uçlu Tornavida / Screwdriver, Flat 3x80-5x125-7x150mm | 3 | |
| 4320 | Opak Seri Yıldız Uçlu Tornavida / Screwdriver, Philips 3x60-4.5x80-6x100-8x150mm | 4 | |
| 3301 | Dış segman Pensi Yaylı Düz / Circlip Pliers, External Flat 140-180mm | 2 | |
| 3321 | İç segman Pensi Yaysız Düz / Circlip Pliers, Internal Flat 140-180mm | 2 | |

4. Premium Seri Çekmece/Drawer Kod / Code 8245004043

| KOD CODE | İÇERİK CONTENTS | □ | FİYAT TL/Ad |
|----------|--|----|-------------|
| 4770 | Lokma Uçlu Tornavida / Nutspinner 6-7-8-9-10-13 | 6 | |
| 4910 | Torx Allen Takım / Torx Key Wrench Set T9-T10-T15-T20-T25-T27-T30-T40 | 8 | |
| 4900 | Allen Takımı 6 Köşe / Hex Key Wrench Set 2-2.5-3-3.5-4-5-6-7-8-9-10-12 | 12 | |
| 4906 | Yuvarlak Başlı Uzun Allen Takımı / Hex key Wrench Ballpoint Long Pattern Set 2-2.5-3-4-5-6-8-10 mm | 9 | |
| 4920 | T Tipi Allen Anahtar / T Type Hex Key Wrench 2.5-3-4-5-6-7-8-10 | 8 | |

5. Premium Seri Çekmece/Drawer Kod / Code 8245005043

| KOD CODE | İÇERİK CONTENTS | □ | TL/Ad. |
|----------|---|----|--------|
| 4565 | Oto Elektrik Kontrol Kalemi Car Voltage Tester 135mm | 1 | |
| 07415 | Sıralı Tel Fırça 4 Sıralı / Hand Brush 4 Raws | 1 | |
| 2400 | Üniversal Fort Pense PVC / Universal Grip 240 mm | 1 | |
| 2500 | Üniversal Ayarlı Pense Universal Grip 250 mm | 1 | |
| 0600 | Kurbağacık Anahtar / Adjustable Wrench 10" | 1 | |
| 4780 | Manyetik Bits Tutucu Tornavida / Screwdriver, Magnetic Bit Holder 6.3x120 | 1 | |
| 4800 | 31'li Bits Takım (Plastik Kutulu) / Bits Set in plastic case | 31 | |
| 4110 | Düz Topaç Tornavida / Screwdriver, Stubby, Flat 6.5x25 | 1 | |
| 4130 | Yıldız Topaç Tornavida / Screwdriver, Stubby, Phillips 6x25 | 1 | |
| 5500 | Düz Keski Krom Flat Cold Chisel 150 mm | 1 | |
| 5800 | Tesviyeci Çekici Machinist's Hammer 300-1500 gr | 2 | |
| 6350 | Levye Oluklu / Tyre Lever 500 mm | 1 | |

6. Premium Seri Çekmece/Drawer Kod / Code 8245006009

| KOD CODE | İÇERİK CONTENTS | □ | FİYAT TL/Ad |
|----------|---|---|-------------|
| 1855 | Mafsallı T Kol Lokma T- Handle Wrench with Universal Join 8-10-12-13-17-19 | 6 | |
| 6230 | Gres Pompası Grease Gun 500cc | 1 | |
| 06375 | Ayarlı Yağ Filtre Sökeceği Adjustable Slot Type Oil Filter Wrench | 1 | |
| 6225 | Madeni Yağdanlık (Flexible Uçlu) Oiler With Flexible Spout 200cc | 1 | |



8242 GARAJ SERİSİ / GARAGE SERIES

Garaj Serisi Takım Dolabı (5-6-7-8 Çekmeceli)
Garage Series Workshop Trolley (5-6-7-8 Drawers)



- ✓ Ergonomik sap
● Ergonomic handle
- ✓ 8 Bölmeli, sağlam ABS tabla
● Durable ABS worktop with divisions
- ✓ Havluluk x1
Avadanlık x2 Askılık x1
● Paper Roll Holder x1
Holder x2 Hanger x1
- ✓ %100 açılabilir teleskobik raylar
● %100 extendable telescopic slides
- ✓ Merkezi kilit sistemi, mandal sistemi devrilme emniyet sistemi.
● Central locking, system handgrip lock system anti-tilt system
- ✓ 2 sabit, 2 hareketli frenli tekerlek Ø 125mm
● 2 swivel castors with brake 2 fixed castors Ø 125 mm
- ✓ Yüksek dayanımlı elektrostatik toz boya.
● High strength electrostatic powder coating

Ölçü/Size: 470x670x1008 mm

Sacdan imal edilmiş, Fırın boya
Made of sheet metal, Electrostatic paint



| KOD/CODE | ÇEKMECE DRAWERS | 35 kg | 45 kg | 45 kg | kg | RENK COLORS | FİYAT TL/Ad |
|---|-----------------|------------|-------------|-------------|----|----------------------|-------------|
| | | 400x548x68 | 400x548x143 | 400x548x218 | | | |
| 8242 32 1005 | 5 | 1X | 4X | -- | 59 | | |
| 8242 32 1006 | 6 | 4X | 1X | 1X | 62 | RAL 7016 RAL 3020 | |
| 8242 32 1007 | 7 | 5X | 2X | -- | 65 | | |
| 8242 32 1008 | 8 | 7X | 1X | -- | 67 | | |
| 8242 32 2005 | 5 | 1X | 4X | -- | 59 | | |
| 8242 32 2006 | 6 | 4X | 1X | 1X | 62 | RAL 7016 RAL 5003 | |
| 8242 32 2007 | 7 | 5X | 2X | -- | 65 | | |
| 8242 32 2008 | 8 | 7X | 1X | -- | 67 | | |
| 8242 32 3005 | 5 | 1X | 4X | -- | 59 | | |
| 8242 32 3006 | 6 | 4X | 1X | 1X | 62 | RAL 7016 RAL 7035 | |
| 8242 32 3007 | 7 | 5X | 2X | -- | 65 | | |
| 8242 32 3008 | 8 | 7X | 1X | -- | 67 | | |
| 8242 00 1142 Dolu/Full 142 Parça/Pcs | 7 | 5X | 2X | -- | | | |
| 8242 00 8142 Dolu/Full 142 Parça/Pcs | 8 | 7X | 1X | -- | | | |

1. Garaj Seri Çekmece/Drawer

Kod / Code 8242001030

| KOD CODE | İÇERİK CONTENTS | ☐ | FİYAT TL/Ad |
|----------|--|----|-------------|
| 0130 | İki Ağız Anahtar Uzun Boy D/E Open Jaw Wrench Long Pattern 6x7 - 8x9 - 10x11 - 12x13 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 | 10 | |
| 0330 | Kombine Anahtar Uzun Boy Combination Wrenches Long Pattern 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 | 12 | |
| 0430 | Yıldız Anahtar Ring Wrench 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 | 8 | |

2. Garaj Seri Çekmece/Drawer

Kod / Code 8242002072

| KOD CODE | İÇERİK CONTENTS | ☐ | FİYAT TL/Ad |
|----------|---|----|-------------|
| 1113 | 1/2" Lokmalı Allen Uçlar Hexagonal Bits Socket H5-H6-H7-H8-H10-H12-H14 | 7 | |
| 1113 | 1/2" Lokmalı Star Uç / 1/2 Star Bits Socket T20-T25-T27-T30-T40-T45-T50-T55-T60 | 9 | |
| 0330 | Kombine Anahtar Uzun Boy Combination Pliers Long 16-18 mm | 2 | |
| 4900 | Allen Takımı 6 Köşe / Hex Key Wrench Set 2-2.5-3-3.5-4-5-6-7-8-9-10-12 | 12 | |
| 1107 | 1/4" Karbüratör Lokma Takımı Socket Wrench Set 1/4" Cırcır Kolu Ratchet Handle 1/4" Mafsalsal Universal Joint 1/4" T Kol / Sliding T Handle 1/4" Ara Kol / Extension Bar 54 mm 1/4" Ara Kol Extension Bar 100 mm 1/4" Mafsalsal Kol Flexible Handle | 18 | |
| 1113 | 1/2" Lokma Takımı Socket Wrench Set 1/2" Cırcır Kolu 72 Diş Ratchet Handle (Max Gear) 1/2" Mafsalsal Universal Joint 1/2" T Kol Adaptör Sliding T Handle Adapter 1/2" Ara Kol Extension Bar 125 mm 1/2" Ara Kol Extension Bar 250 mm | 24 | |

3. Garaj Seri Çekmece/Drawer

Kod / Code 8242003010

1



| KOD CODE | İÇERİK CONTENTS | ☐ | FİYAT TL/Ad |
|----------|---|---|-------------|
| 3331 | İç Eğri Segman Pense Circlip Pliers Internal (Bent) 170 mm | 1 | |
| 3321 | İç Düz Segman Pense Circlip Pliers Internal (Flat) 180 mm | 1 | |
| 3311 | Dış Eğri Segman Pense Circlip Pliers External (Bent) 170 mm | 1 | |
| 3301 | Dış Düz Segman Pense Circlip Pliers External (Flat) 180 mm | 1 | |
| 3700 | Yan Keski Opak İzole Side Cutting Pliers 160 mm | 1 | |
| 3220 | Düz Kargaburun Opak İzole Nose Pliers (Flat) 200 mm | 1 | |
| 3020 | Kombine Pense Opak İzole Combination Pliers 180 mm | 1 | |
| 2510 | Special Ayarlı Pense / Universal Grip 250 mm | 1 | |
| 0600 | Kurbağacık Anahtar / Adjustable Wrench 10" | 1 | |
| 2400 | Üniversal Fort Pense / Waterpump Pliers Üniversal 240 mm | 1 | |

4. Garaj Seri Çekmece/Drawer

Kod / Code 8242004018



| KOD CODE | İÇERİK CONTENTS | ☐ | FİYAT TL/Ad |
|----------|---|---|-------------|
| 4300 | Opak Seri Düz Uçlu Tornavida Screwdriver, Opak Flat 5x125-4x100-6x150-8x175 | 4 | |
| 4320 | Opak Seri Yıldız Uçlu Tornavida Screwdriver, Opak Phillips 4.5x80-6x100 | 2 | |
| 5800 | Tesviyeci Çekiç Machinist's Hammer 300 gr | 1 | |
| 5850 | Plastik Çekiç Plastic Hammer ø30 | 1 | |
| 5545 | Konik Pim Zimba Drift Punch 5 mm | 1 | |
| 5550 | Düz Pim Zimba Split Pin Punch 5 mm | 1 | |
| 5540 | Nokta Zimba Center Punch 5x120 | 1 | |
| 5500 | Düz Keski Flat Cold Chisel 150 mm | 1 | |
| 4920 | T Tipi Allen Anahtar / Hex Key Wrench 3-4-5-6-7-8 | 6 | |

5. Garaj Seri Çekmece/Drawer

Kod / Code 8242005011



| KOD CODE | İÇERİK CONTENTS | ☐ | FİYAT TL/Ad |
|----------|---|---|-------------|
| 07415 | Sıralı Tel Fırça 3 Sıralı Hand Brush 3 Raws | 1 | |
| 6350 | Levye Oluklu Tyre Lever, Straight 400 mm | 1 | |
| 6220 | Spiralli Mıknatıs Flexible Magnet Holder 500 gr | 1 | |
| 4110 | Düz Topaç Tornavida Screwdriver Stubby Flat 6.5x25 | 1 | |
| 4130 | Yıldız Topaç Tornavida Screwdriver Stubby Phillips 6x25 | 1 | |
| 4770 | Lokma Uçlu Tornavida Nut Spinner 6-7-8-9-10-13 | 6 | |

1



8235 PARTNER SERİSİ / PARTNER SERIES

1

Partner Mobil Takım Dolabı (5 Çekmeceli)
Partner Workshop Trolley (5 Drawers)



✓ Merkezi kilit.
● Central lock system



✓ %100 açılabilir, kendinden frenli teleskobik ray
● %100 extendable telescopic soft close slides



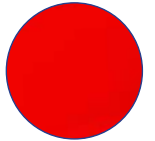
✓ 8 Bölmeli, sağlam ABS tabla
● 8 Durable ABS worktop with divisions



✓ 2 sabit, 2 hareketli frenli tekerlek ø 100mm
● 2 swivel castors with brake
2 fixed castors ø 100 mm



✓ Yüksek dayanımlı elektrostatik toz boya.
● High strength electrostatic powder coating



Ölçü/Size: 470x670x975 mm

Sacdan imal edilmiş, Fırın boya
Made of sheet metal, Electrostatic paint



| KOD/CODE | ÇEKMECE DRAWERS | 35 kg | 45 kg | kg | RENK COLORS | FİYAT TL/Ad |
|--|-----------------|-------|-------|----|-------------|-------------|
| 8235 32 6005 | 5 | 3X | 2X | 56 | RAL 3020 | |
| 8235 32 5005 | 5 | 3X | 2X | 56 | RAL 5003 | |
| 8235 32 7005 | 5 | 3X | 2X | 56 | RAL 9005 | |
| 8235 00 6121 Dolu/Full 121 Parça/Pcs | 5 | 3X | 2X | | | |

1. Partner Seri Çekmece/Drawer

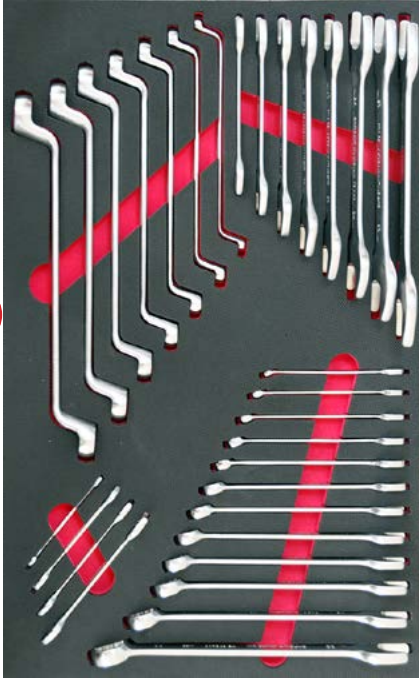
Kod / Code 8235001072

| KOD CODE | İÇERİK CONTENTS | FİYAT TL/Ad |
|----------|---|-------------|
| 1107 | <p>1/4" Karbüratör Lokma Takımı 1/4" Socket Wrench Set</p> <p>1/4" Cırcır kolu Ratchet Handle</p> <p>1/4" Mafsal Universal Joint</p> <p>4 - 5 - 6 7 - 8 - 9 - 10 11 - 12 - 13 Altı Köşe Six Points</p> <p>8 - 10 Sekiz Köşe Eight Points</p> | 18 |
| 1113 | <p>1/4" Mafsalı Kol Flexible Handle</p> <p>1/2" Lokma Takımı 1/2" Socket Set</p> <p>1/2" Cırcır Kolu 32 Diş Ratchet Handle</p> <p>1/2" Mafsal Universal Joint</p> <p>10 - 11 - 12 - 13 14 - 15 16 - 17 - 18 19 - 21 - 22 23 - 24 - 26 - 27 - 28 30 - 32</p> <p>1/2" T Kol Adaptör Sliding T Handle Adapter</p> <p>1/2" Ara Kol Extention Bar 125 mm</p> <p>1/2" Ara Kol Extention Bar 250 mm</p> | 24 |
| 1507 | <p>1/4" Derin Lokma Tornavida Adaptörü Spindle Handle</p> | 1 |
| 4900 | <p>12 'li Allen Anahtar Takımı Hex Key Wrench Set 2-2.5-3-3.5-4-5-6-7-8-9-10-12 mm</p> | 12 |
| 4910 | <p>8 'li Torx Allen Anahtar Takımı Torx Key Wrench 6 Point T9-T10-T15-T20-T27-T25-T30-T40</p> | 8 |
| 1108 | <p>1/2" Altı Köşe Derin Lokma Deep Socket Wrench 6 Point 10-13-16-17-18-19 mm</p> | 6 |
| 1113 | <p>1/2" 16 mm Buji Lokma Anahtar Spark Plug Socket With Rubber</p> | 1 |
| 2400 | <p>240 mm Üniversal Fort Pense Waterpump Pliers, Universal</p> | 1 |
| 2500 | <p>250 mm Üniversal Ayarlı Pense Universal Grip</p> | 1 |



2. Partner Seri Çekmece/Drawer

Kod / Code 8235002031



| KOD CODE | İÇERİK CONTENTS | □ | FİYAT TL/Ad |
|----------|---|----|-------------|
| 0100 | İki Ağız Anahtar Kısa Boy Double Ended Open Jaw Wrench Short Pattern 6x7 - 8x9 - 10x11 - 12x13 14x15 - 16x17 - 18x19 - 20x22 21x23 - 24x26 - 25x28 - 30x32 | 12 | |
| 0320 | Kombine Anahtar Kısa Boy Combination Wrench Short Pattern 8 - 9 - 10 - 11 - 12 - 13 14 - 15 -16- 17 - 19 - 22 | 12 | |
| 0430 | Yıldız Anahtar Ring Wrench 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 | 7 | |

3. Partner Seri Çekmece/Drawer

Kod / Code 8235003017



| KOD CODE | İÇERİK CONTENTS | □ | FİYAT TL/Ad |
|----------|--|---|-------------|
| 4300 | Opak Seri Düz Uçlu Tornavida Screwdriver, Opak Flat 3x80-4x80-4x100-5x125-6x150 | 5 | |
| 4320 | Opak Seri Yıldız Uçlu Tornavida Screwdriver, Opak Phillips 4.5x80-6x100 | 2 | |
| 3700 | Yan Keski Opak İzole Side Cutting Pliers 160 mm | 1 | |
| 3020 | Kombine Pense Opak İzole Combination Pliers 180 mm | 1 | |
| 3220 | Düz Kargaburun Opak İzole Nose Pliers Flat 200 mm | 1 | |
| 4770 | Lokma Uçlu Tornavida Nut Spinner 6-7-8-10-13 | 5 | |
| 5500 | Düz Keski Flat Cold Chisel 150 mm | 1 | |
| 5800 | Tesviyecı Çekiçi Machinist's Hammer 500 gr | 1 | |

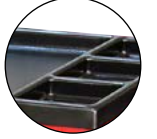


1

Eko Serisi Takım Dolabı (5-7 Çekmeceli)
Eco Series Workshop Trolley (5-7 Drawers)



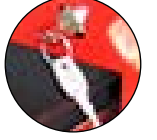
✓ 4 bölmeli sağlam ve dayanıklı ABS plastik üst malzeme tabla.
● Resistant and solid top cover with 4 divisions



✓ %100 açılabilir teleskobik raylar.
● %100 extendable telescopic slides



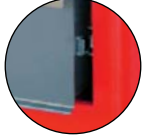
✓ Merkezi kilit
● Central locking



✓ 2 sabit, 2 hareketli frenli tekerlek ø 100 mm
● 2 swivel castors with brake
2 fixed castors ø 100 mm



✓ Yüksek dayanımlı elektrostatik toz boya.
● High strength electrostatic powder coating



✓ Elokсалlı alüminyum tutma çantası.
● Handle with anodised aluminum



Sacdan imal edilmiş, Fırın boya
Made of sheet metal, Electrostatic paint

Ölçü/Size: 405x613x894 mm



RAL 7016
RAL 3020

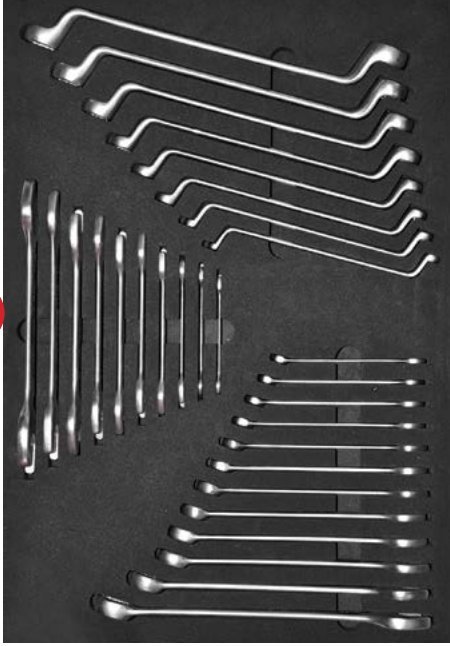


RAL 7016
RAL 5003



RAL 7035
RAL 7016

| KOD/CODE | ÇEKMECE DRAWERS | 35 kg | 45 kg | Kg | RENK COLORS | FİYAT TL/Ad |
|--|-----------------|------------|-------------|----|----------------------|-------------|
| | | 350x503x82 | 400x503x176 | | | |
| 8243 32 1005 | 5 | 3X | 2X | 43 | RAL 7016 RAL 3020 | |
| 8243 32 1007 | 7 | 7X | -- | 43 | | |
| 8243 32 2005 | 5 | 3X | 2X | 43 | RAL 7016 RAL 5003 | |
| 8243 32 2007 | 7 | 7X | -- | 43 | | |
| 8243 32 3005 | 5 | 3X | 2X | 43 | RAL 7035 RAL 7016 | |
| 8243 32 3007 | 7 | 7X | -- | 43 | | |
| 8243 00 1096 Dolu/Full 96 Parça/Pcs | 5 | 3X | 2X | | | |
| 8243 00 7096 Dolu/Full 96 Parça/Pcs | 7 | 3x | -- | | | |



1. Eko Seri Çekmece/Drawer

Kod / Code 8243001030

| KOD/CODE | İÇERİK CONTENTS | TL/Ad. |
|----------|---|--------|
| 0100 | İki Ağız Anahtar Kısa Boy D/E Open Jaw Wrench Short Pattern 6x7 - 8x9 - 10x11 - 12x13 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 | 10 |
| 0320 | Kombine Anahtar Kısa Boy Combination Wrench Short Pattern 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 19 - 22 | 12 |
| 0430 | Yıldız Anahtar Ring Wrench 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 | 8 |



2. Eko Seri Çekmece/Drawer

Kod / Code 8243002052

| KOD/CODE | İÇERİK CONTENTS | TL/Ad. |
|----------|--|--------|
| 1113 | 1113 1/2" 17'li Lokma Takımı Socket Wrench Set 1/2" mm 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 22 - 24 - 27 - 30 - 32 250 - 250 - 70 | 17 |
| 1107 | Karbüratör Lokma Takımı Socket Wrench Set 1/4" mm 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 Sekiz köşe / Eight points 8 - 10 140 - 115 - 100 - 50 - 38 - 130 | 18 |
| 4900 | Allen Anahtar Takımı Hex Key Wrench Set 2 - 2.5 - 3 - 3.5 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 | 12 |
| 4770 | Lokma Uçlu Tornavidalar Nutspinners 6 - 7 - 8 - 10 - 13 | 5 |



3. Eko Seri Çekmece/Drawer

Kod / Code 8243003013

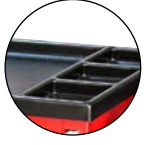
| KOD/CODE | İÇERİK CONTENTS | TL/Ad. |
|----------|--|--------|
| 4320 | Opak Yıldız Uçlu Tornavida Opak Screwdriver, Phillips 4,5x80-6x100 mm | 2 |
| 4300 | Opak Düz Uçlu Tornavida Opak Screwdriver, Flat 5x125-4x100-6x150-8x175 mm | 4 |
| 3700 | Yan Keski Opak Side Cutting Pliers 160 mm | 1 |
| 3020 | Kombine Pense Opak Combination Pliers 180 mm | 1 |
| 3220 | Kargaburun Düz Uçlu Opak Nose Pliers, Flat 160 mm | 1 |
| 5500 | Düz Keski Krom Flat Cold Chisel 150 mm | 1 |
| 5800 | Tesviyeci Çekici Machinist's Hammer 300 gr | 1 |
| 2510 | Spesiyel Ayarlı Pense / Waterpump Pliers Special 250 mm | 1 |
| 2400 | Üniversal Fort Pense PVC / Universal Grip 240 mm | 1 |

1

Trend Serisi Takım Dolabı (5-7 Çekmeceli)
Trend Series Workshop Trolley (5-7 Drawers)



✓ 4 bölmeli sağlam ve dayanıklı ABS plastik üst malzeme tabla.
● Resistant and solid top cover with 4 divisions



✓ %100 açılabilir teleskobik raylar.
● %100 extendable telescopic slides



✓ Merkezi kilit
● Central locking



✓ 2 sabit, 2 hareketli frenli tekerlek ø 100 mm
● 2 swivel castors with brake
2 fixed castors ø 100 mm



✓ Yüksek dayanımlı elektrostatik toz boya
● High strength electrostatic powder coating







✓ Kendiliğinden açılmayı engelleyen plastik kilit
● Plastic lock preventing self opening

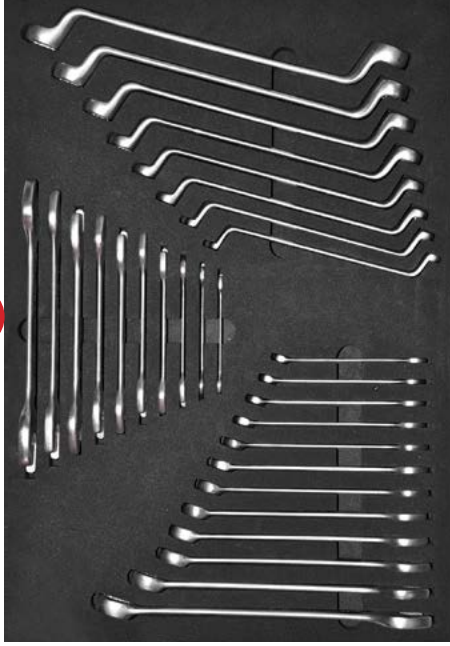


Ölçü/Size: 405x613x894 mm



Sacdan imal edilmiş, Fırın boya
Made of sheet metal, Electrostatic paint

| KOD/CODE | ÇEKMECE DRAWERS |  350x503x82 |  400x503x176 |  Kg | RENK COLORS | FIYAT TL/Ad |
|---|-----------------|--|---|--|---|-------------|
| 8244 32 1005 | 5 | 3X | 2X | 43 |  | |
| 8244 32 1007 | 7 | 7X | -- | 43 | | |
| 8244 00 5096 Dolu/Full 96 Parça/Pcs | 5 | 3X | 2X | | | |
| 8244 00 7096 Dolu/Full 96 Parça/Pcs | 7 | 7X | -- | | | |



1. Trend Seri Çekmece/Drawer Kod / Code 8244001030

| KOD/CODE | İÇERİK CONTENTS | ☐ | TL/Ad. |
|----------|---|----|--------|
| 0100 | İki Ağız Anahtar Kısa Boy D/E Open Jaw Wrench Short Pattern 6x7 - 8x9 - 10x11 - 12x13 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 | 10 | |
| 0320 | Kombine Anahtar Kısa Boy Combination Wrench Short Pattern 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 19 - 22 | 12 | |
| 0430 | Yıldız Anahtar Ring Wrench 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 | 8 | |



2. Trend Seri Çekmece/Drawer Kod / Code 8244002052

| KOD/CODE | İÇERİK CONTENTS | ☐ | TL/Ad. |
|----------|---|----|--------|
| 1113 | 1/2" 17'li Lokma Takımı Socket Wrench Set 1/2" mm 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 22 - 24 - 27 - 30 - 32 250 - 250 - 70 | 17 | |
| 1107 | 1/4" Karbüratör Lokma Takımı Socket Wrench Set 1/4" mm 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 Sekiz köşe / Eight points 8 - 10 140 - 115 - 100 - 50 - 38 - 130 | 18 | |
| 4900 | Allen Anahtar Takımı Hex Key Wrench Set 2 - 2.5 - 3 - 3.5 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 | 12 | |
| 4770 | Lokma Uçlu Tornavidalar Nutspinners 6 - 7 - 8 - 10 - 13 | 5 | |



3. Trend Seri Çekmece/Drawer Kod / Code 8244003013

| KOD/CODE | İÇERİK CONTENTS | ☐ | TL/Ad. |
|----------|--|---|--------|
| 4320 | Opak Yıldız Uçlu Tornavida Opak Screwdriver, Phillips 4.5x80-6x100 mm | 2 | |
| 4300 | Opak Düz Uçlu Tornavida Opak Screwdriver, Flat 5x125-4x100-6x150-8x175 mm | 4 | |
| 3700 | Yan Keski Opak Side Cutting Pliers 160 mm | 1 | |
| 3020 | Kombine Pense Opak Combination Pliers 180 mm | 1 | |
| 3220 | Kargaburun Düz Uçlu Opak Nose Pliers, Flat 160 mm | 1 | |
| 5500 | Düz Keski Krom Flat Cold Chisel 150 mm | 1 | |
| 5800 | Tesviyecici Çekici Machinist Hammer 300 gr | 1 | |
| 2510 | Special Ayarlı Pense / Waterpump Pliers Special 250 mm | 1 | |
| 2400 | Üniversal Fort Pense PVC / Üniversal Grip 240 mm | 1 | |

1

Vagon Serisi Takım Dolabı
Wagon Series Workshop Trolley



- ✓ 8 Bölmeli, sağlam ABS tabla
- Durable ABS worktop with divisions



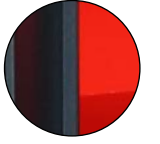
- ✓ Kilit T kol
- Locked T-handle



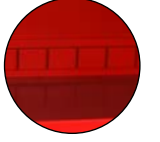
- ✓ 2 Sabit, 2 hareketli frenli tekerlek ø 125mm
- 2 swivel castors with brake 2 fixed castors ø 125 mm



- ✓ Yüksek dayanımlı elektrostatik toz boya.
- High strength electrostatic powder coating



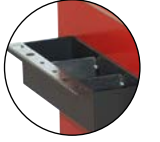
- ✓ 2X ayarlanabilir raf (10 adet seperatör ile)
- 2x adaptable shelves with separator 10 pcs



- ✓ Standard tutma sapı
- Standard handle



- ✓ 2X avadanlık
- 2X tin holder



RAL 7016
RAL 3020

Ölçü/Size: 470x670x970 mm

Sacdan imal edilmiş, Fırın boya
Made of sheet metal, Electrostatic paint

| KOD/CODE | Ölçü / SIZE (mm) | KG | RENK COLORS | FİYAT TL/AD |
|----------|------------------|----|-------------|-------------|
|----------|------------------|----|-------------|-------------|

8210 32 6001

470x670x1020

45

RAL 7016
RAL 3020

8160 TAKIM DOLABI / TOOL CABINET

Takım Dolabı
Tool Cabinet



Ölçü/Size: 250x650x1010 mm

Sacdan imal edilmiş, Fırın boya
Made of sheet metal, Electrostatic paint

✓ Kilit T kol
● Locked T-handle



✓ %100 açılabilir teleskobik raylar.
● %100 extendable telescopic slides



✓ 2 hareketli frenli tekerlek ø 50mm
● 2 swivel castors with brake ø 50 mm



✓ Yüksek dayanımlı elektrostatik toz boya.
● High strength electrostatic powder coating



✓ Avadanlık x2
● Bottle and tins holder x2



✓ Askılık x4
● Hanger x4



✓ Özel askılık x4
● Special hanger x4



✓ Anahtar askısı x1
● Hanger for wrenches x1



✓ Özel avadanlık x1
● Special tin holder x1



✓ Matkap ucu tutucu x1
● Drill bits holder x1



RAL 7016
RAL 3020

RAL 7016
RAL 3020

| KOD/CODE |  200x500x55 | Ölçü / SIZE (mm) |  KG | COLORS | FİYAT TL/Ad. |
|----------|--|------------------|--|--------|--------------|
|----------|--|------------------|--|--------|--------------|

8160 32 6001

3x

250x650x1010

35

Demonte Mini Servis Arabası
Disassembled Mini Service Trolley



- **3X Kauçuk Kaydırmaz Mat**
3X Rubber Anti Slipping Mats
- **2X Sabit, 2X Hareketli Frenli Tekerlek (ø 100 mm)**
2X Fixed, 2X Swivel Castors with Brake (ø 100 mm)
- **Sağlam sac metal yapı, Her raf 50 Kg taşır.**
Robust sheet-steel construction, Loading capacity per shelf 50 Kg

Çelik konstrüksiyon
Steel construction

| KOD/CODE |  420x590x57 | Ölçü / SIZE (mm) |  KG | COLORS | FIYAT TL/Ad. |
|----------|---|------------------|---|--------|-----------------|
|----------|---|------------------|---|--------|-----------------|

8550 34 8001

3x

424x677x822

18

RAL 9005
RAL 3020

Demonte Mini Servis Arabası (kapalı)
Disassembled Mini Service Trolley (closed)



- **3X Kauçuk Kaydırmaz Mat**
3X Rubber Anti Slipping Mats
- **2X Sabit, 2X Hareketli Frenli Tekerlek (ø 100 mm)**
2X Fixed, 2X Swivel Castors with Brake (ø 100 mm)
- **Sağlam sac metal yapı, Her raf 50 Kg taşır.**
Robust sheet-steel construction, Loading capacity per shelf 50 Kg
- **Arabanın yanları ve arkasında kare askı delikleri**
Square-shaped perforation on the side panels and back panel offers individual fastening

Çelik konstrüksiyon
Steel construction

| KOD/CODE |  420x590x57 | Ölçü / SIZE (mm) |  KG | COLORS | FIYAT TL/Ad. |
|----------|---|------------------|---|--------|-----------------|
|----------|---|------------------|---|--------|-----------------|

8550 34 8002

3x

424x677x822

23

RAL 9005
RAL 3020

8545

Taşıma Arabası
Platform Wagon

1



- **18mm Plywood Tabla (Kauçuk Mat ile Birlikte)**
18mm PLYWOOD table (with rubber mat)
- **2X Sabit, 2X Hareketli Frenli Tekerlek (ø 200mm)**
2X Fixed, 2X Swivel Castors with Brake (ø 200mm)
- **Sağlam sac metal yapı, Her raf 540 Kg taşır.**
Robust sheet-steel construction, Loading capacity per shelf 540 Kg

Çelik konstrüksiyon
Steel construction

| KOD/CODE | Ölçü / SIZE (mm) | KG | COLORS | FİYAT TL/Ad. |
|----------|------------------|----|--------|--------------|
|----------|------------------|----|--------|--------------|

8545 34 1005 600x1145x1104

38

RAL 9005

8550

Servis Arabası (Büyük Boy)
Service Trolley (Large Size)



- **3X Kauçuk Kaydırmaz Mat**
3X Rubber Anti Slipping Mats
- **2X Sabit, 2X Hareketli Frenli Tekerlek (ø 125 mm)**
2X Fixed, 2X Swivel Castors with Brake (ø 125 mm)
- **Sağlam sac metal yapı, Her raf 75 Kg taşır.**
Robust sheet-steel construction, Loading capacity per shelf 75 Kg

Çelik konstrüksiyon
Steel construction

| KOD/CODE | Ölçü / SIZE (mm) | KG | COLORS | FİYAT TL/Ad. |
|----------|------------------|----|--------|--------------|
|----------|------------------|----|--------|--------------|

8550 34 6001

3x

500x850x935

37

RAL 3020

Servis Masası (Panolu)
Work Bench (With Panel)



- **Merkezi kilit sistemi, mandal sistemi**
Central locking system, handgrip lock system
- **Kaynaklı sağlam tasarım**
Robust welded design
- **%100 Açılabilir teleskobik raylar**
100% extendable telescopic slides
- **Yüksek dayanımlı elektrostatik toz boya.**
High strength electrostatic powder paint
- **Delikli panel (220 V prizler ile).**
Perforated panel with electrical plugs 220 V

Çelik Konstrüksiyon ve zor koşullarda çalışmaya elverişli
Özel Plywood ahşap tezgah
Strong and durable steel construction and
Plywood bench

| KOD/CODE |  | Ölçü / SIZE (mm) |  KG | COLORS | FİYAT TL/Ad. |
|----------|---|------------------|--|--------|--------------|
| | 348x548x90 | | | | |

8500 34 6001

3x

720x1680x1495

102



8501

Servis Masası (Panosuz)
Work Bench (Without Panel)



- **Merkezi kilit sistemi, mandal sistemi**
Central locking system, handgrip lock system
- **Kaynaklı sağlam tasarım**
Robust welded design
- **%100 Açılabilir teleskobik raylar**
100% extendable telescopic slides
- **Yüksek dayanımlı elektrostatik toz boya.**
High strength electrostatic powder paint

Çelik konstrüksiyon ve zor koşullarda çalışmaya elverişli
Özel Plywood ahşap tezgah
Strong and durable steel construction and Plywood bench

| KOD/CODE |  | Ölçü / SIZE (mm) |  KG | COLORS | FİYAT TL/Ad. |
|----------|---|------------------|--|--------|--------------|
| | 348x548x90 | | | | |

8501 34 6001

3x

700x1680x900

84



8502

1

Demonte Servis Masası
Disassembled Work Bench



- **Demonte sağlam tasarım**
Robust disassembled design
- **18mm Plywood Tabla (Kauçuk mat ile birlikte)**
18mm Plywood Bench with non-slip rubber insert
- **Ayarlanabilir ayaklar**
Height adjustable feet
- **İZELTAS Eco ve/veya Trend Dolaplar ile kombine kullanabilme imkanı**
Can be combined with IZELTAS Eco and Trend Trolley

Çelik konstrüksiyon
Steel construction

| KOD/CODE |  | Ölçü / SIZE (mm) |  KG | COLORS | FİYAT TL/Ad. |
|----------|---|------------------|--|--------|--------------|
| | 200x500x55 | | | | |

8502 34 6001

3x

710x1692x1002

35

RAL 3020

Çekmeceli Alet Sandığı
Tool Chest With Drawers



285x650x322






285x550x322



285x450x322



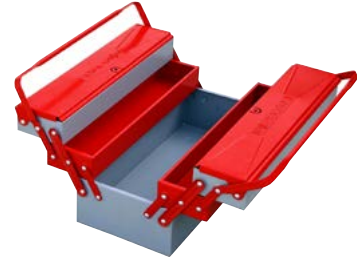
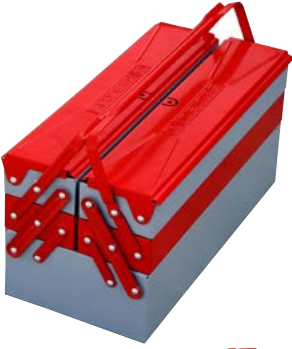
| KOD/CODE | Ölçü / SIZE (mm) | ÇEKMECE DRAWERS |  |  |  | FİYAT TL/Ad |
|--------------|------------------|--------------------|---|---|---|----------------|
| 8320 33 1003 | 285x650x322 | 3x | 2x | 1x | 20 | |
| 8320 33 1002 | 285x550x322 | 3x | 2x | 1x | 18 | |
| 8320 33 1001 | 285x450x322 | 3x | 2x | 1x | 16 | |

8420

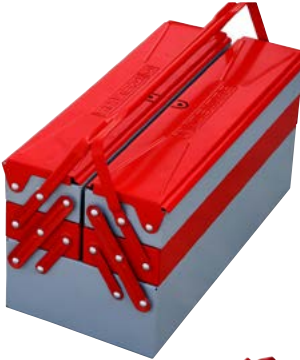
Takım Çantası (5 Gözlü)
Tool Box (5 Trays)

1

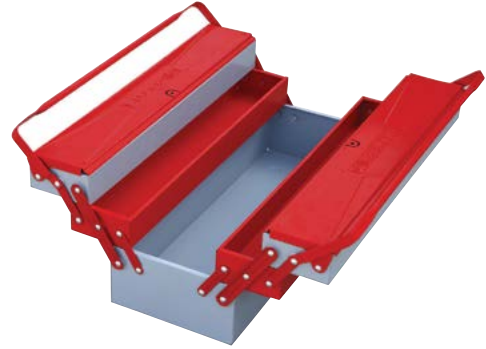
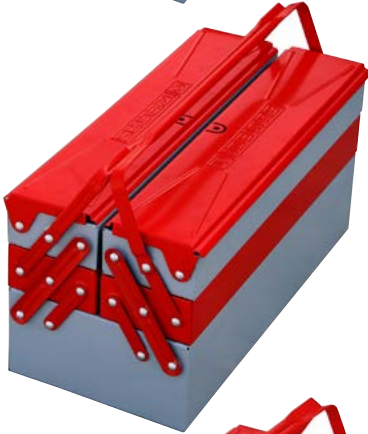
195x300x210



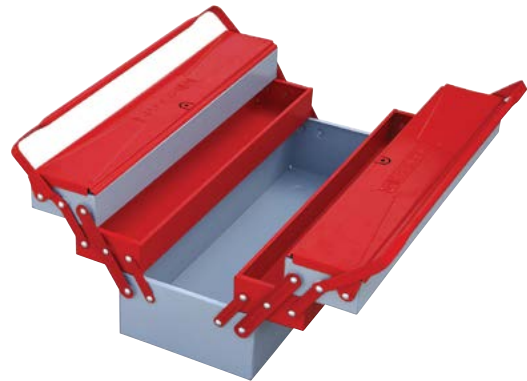
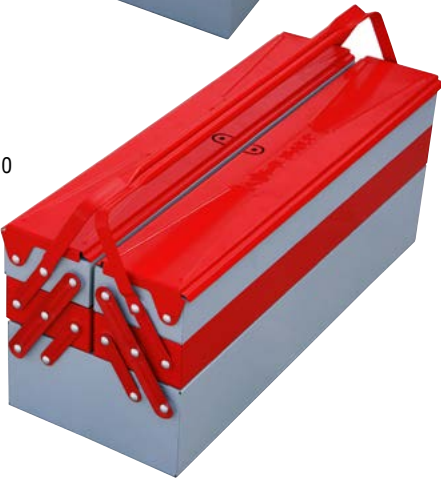
195x420x210



195x520x210



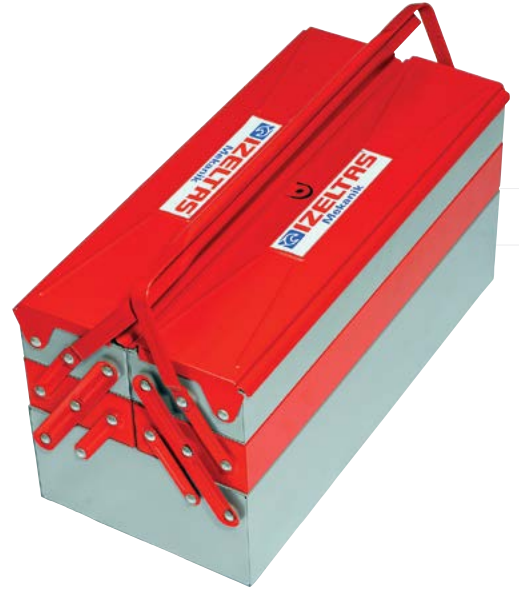
195x600x210



Sacdan imal edilmiş, Fırın boya
Made from metal sheet, Electrostatic paint

| KOD CODE | Ölçü / SIZE (mm) | g | □ | FİYAT TL/Ad |
|--------------|------------------|------|---|----------------|
| 8420 33 6105 | 195x300x210 | 3200 | 1 | |
| 8420 33 6205 | 195x420x210 | 4200 | 1 | |
| 8420 33 6305 | 195x520x210 | 5000 | 1 | |
| 8420 33 6405 | 195x600x210 | 5600 | 1 | |

Takım Çantası (5 Gözlü)
Tool Box (5 Trays)



8420 00 5063

Mekanik Takım Çantası (62 Parça, 5 Gözlü)
Tool Box for Mechanician (62 Pcs, 5 Trays)



8420 00 5046

Elektrikçi Takım Çantası (45 Parça, 5 Gözlü)
Tool Box for Electrician (45 Pcs, 5 Trays)



8420 00 5028

Tesisatçı Takım Çantası (28 Parça, 5 Gözlü)
Tool Box for Plumbers (28 Pcs, 5 Trays)



8420 00 5063
Mekanikçi Takım Çantası (5 Gözlü)
Tool Box for Mechanician (5 Trays)

| KOD CODE | ÖLÇÜ SIZE mm | TL/Ad. |
|--------------|-----------------------------------|--------|
| 8420 00 5063 | 190x420x200 DOLU / FULL | 62 |

| KOD CODE | İÇERİK CONTENTS | |
|--------------|--|----|
| 05881 50 015 | 5 m Krom Şerit Metre Chrom Case Steel, Measuring tapes | 1 |
| 4785 19 6330 | 6.3x30 Kısa Bits Tutucu Tornavida Screwdriver, Magnetic Bit Holder (Short) | 1 |
| 4800 00 8110 | 10 'Lu Bits Takım Bits Set 10 (Pcs) 25 mm | 1 |
| 4320 | Yıldız Uçlu Tornavida Opak Seri Screwdriver, Opak, Flat 4.5x80-6x100 | 2 |
| 4300 | Düz Uçlu Tornavida Opak Seri Screwdriver, Opak, Philips 3x80-4x100-5x125-6x150 | 4 |
| 4550 17 0135 | 135mm Kontrol Kalem Voltage Tester | 1 |
| 2400 11 0240 | 240mm Üniversal Fort Pense Water Pump Pliers Universal | 1 |
| 1113 | 1/2" Lokma Anahtar Socket Wrench 10-11-12-13-14-15-17-19-22-24-27-30-32 mm | 13 |
| 1513 06 4250 | 1/2" Uzun Ara Kol Extension Bar Long 250 mm | 1 |
| 1513 06 4070 | 1/2" Mafsalsal Universal Joint 70 mm | 1 |
| 1513 06 0032 | 1/2" Cırcır Kol 32 Dişli Ratchet Handle 250 mm | 1 |
| 4900 00 3112 | 12 'Li Allen Takım Hex Key Wrench Set | 1 |
| 0320 | Kısa Kombine Anahtar Combination Wrench Short Pattern 8-9-10-11-12-13-14-17-19-22 mm | 10 |
| 3700 16 2160 | 160mm Opak İzole Yan Keski Side Cutting Nippers, Opak insulated | 1 |
| 3020 12 2180 | 180mm Opak İzole Kombine Pense Combination Pliers, Opak Insulated | 1 |
| 3220 13 2160 | 160mm Opak İzole Düz Kargaburun Nose Pliers, Flat, Opak Insulated | 1 |

8420 00 5046
Elektrikçi Takım Çantası (5 Gözlü)
Tool Box for Electrician (5 Trays)

| KOD CODE | ÖLÇÜ SIZE mm | TL/Ad. |
|--------------|-----------------------------------|--------|
| 8420 00 5046 | 190x420x200 DOLU / FULL | 45 |

| KOD CODE | İÇERİK CONTENTS | |
|--------------|--|---|
| 05881 50 005 | 5m Plastik Şerit Metre Plastic Measuring Tape | 1 |
| 4783 19 6120 | 1000V İzoleli Manyetik Bits Tutucu Tornavida Screwdriver, Magnetic Bit Holder Insulated 6.3x120 | 1 |
| 4800 00 8106 | 6 'Li Bits Takım Bits Set (6 Pcs) | 1 |
| 0600 01 1010 | 10" Kurbağcık Anahtar Adjustable Jaw Wrench, PVC Insulated | 1 |
| 4140-4145 | 1000V İzoleli Elektrikçi Düz Yıldız Tornavida Insulated Electrician type Flat Screwdriver, Phillips 1000V 4x100-5.5x125 - 4.5x80-6x100 | 4 |
| 4550 17 0135 | 135mm Kontrol Kalem Voltage Tester | 1 |
| 4550 17 0190 | 190mm Kontrol Kalem Voltage Tester | 1 |
| 4773 | 1000V Süngüsü İzoleli Lokma Uçlu Tornavida Nut Spinner, Electrician Blade Insulated 1000V 6-7-8-10-13 mm | 5 |
| 0340 | Cırcır Kombine Anahtar Combination Wrench With Ratchet 8-10-12-13-17-19 mm | 6 |
| 4900 00 3110 | 10 'Lu Allen Anahtar Takımı (mm) Hex Key Wrench Set 10 pcs | 1 |
| 4500-4520 | Klemens Tornavida Screwdriver, Electronic 3x80-3x100-3x125-3x60-4x80 | 5 |
| 3700 16 6160 | 1000V İzoleli Elektrikçi 160mm Yan Keski Insulated Electrician Type Side Cutter 1000V | 1 |
| 3020 12 6180 | 1000V İzoleli Elektrikçi 180mm Kombine Pense Insulated Electrician Type Combination Plier 1000V | 1 |
| 3220 13 6160 | 1000V İzoleli Elektrikçi 160mm Kargaburun Insulated Electrician Type Nose Plier 1000V | 1 |

8420 00 5028
Tesisatçı Takım Çantası (5 Gözlü)
Tool Box for Plumbers (5 Trays)

| KOD CODE | ÖLÇÜ SIZE mm | TL/Ad. |
|--------------|-----------------------------------|--------|
| 8420 00 5028 | 190x420x200 DOLU / FULL | 28 |

| KOD CODE | İÇERİK CONTENTS | |
|--------------|--|---|
| 0600 01 1010 | 10" Kurbağcık Anahtar 10" Adjustable Jaw Wrench, PVC Insulated | 1 |
| 0600 01 1012 | 12" Kurbağcık Anahtar 12" Adjustable Jaw Wrench, PVC Insulated | 1 |
| 2400 11 0240 | 240 Üniversal Fort Pense 240 Waterpump Pliers, Universal | 1 |
| 2100 10 0012 | 12" Stilson Boru Anahtarı 12" Pipe Wrench, Stillson | 1 |
| 4901 22 1270 | 1/2" Sae Allen Anahtar 1/2" Hex Key Wrench SAE | 1 |
| 4300 17 6150 | Düz Uçlu Tornavida Opak Seri Screwdriver, Opak, Slotted 6x150 mm | 1 |
| 4320 18 6100 | Yıldız Uçlu Tornavida Opak Seri Screwdriver, Opak, Phillips 6x100 mm | 1 |
| 5800 25 0500 | 500gr Çekiç / Machinist Hammer | 1 |
| 5500 23 0200 | 200mm Beton Keski / Flat Cold Chisel | 1 |
| 3830 15 0250 | 250mm Betoncu Kerpeten Tower Pincers | 1 |
| 4900 00 3112 | 12 'Li Allen Anahtar Takımı (mm) Hex Key Wrench Set 12 pcs | 1 |
| 0588 15 0015 | 5m Krom Şerit Metre Chrom Case Steel Measuring Tape | 1 |
| 2201 10 0010 | 1" Maşalı Boru Anahtarı 1" Pipe Wrench | 1 |
| 3700 16 2160 | 160mm Opak İzole Yan Keski Side Cutting Nippers, Opak insulated | 1 |
| 3020 12 2180 | 180mm Opak İzole Kombine Pense Combination Pliers, Opak Insulated | 1 |
| 3220 13 2160 | 160mm Opak İzole Düz Kargaburun Nose Pliers, Flat, Opak Insulated | 1 |

Plastik Takım Çantaları
Plastic Tool Boxes



| KOD CODE | inch | ÖLÇÜ SIZE mm | g | TL/Ad. |
|--------------|------|--------------|------|--------|
| 8440 33 1016 | 16" | 413x212x186 | 1207 | 4 |
| 8440 33 1019 | 19" | 480x267x242 | 1922 | 4 |
| 8440 33 1022 | 22" | 564x310x310 | 2870 | 4 |



Hobby Set Oto Tipi (13 Parça)
Hobby Set Auto Type (13 pcs)



| KOD CODE | İÇERİK CONTENTS | TL/Ad. |
|----------|--|--------|
| 0100 | İki Ağız Anahtar (Kısa Boy) Duble Ended Open Jaw Wrench Short Pattern 8x9-10x11-12x13-14x15-16x17-18x19 | 6 |
| 1841 | 21 mm Kovan Anahtar Bir Ağız Single Ended Tubular Socket Wench | 1 |
| 2400 | 240 mm Ünlversal Fort Pense Waterpump Pliers Universal | 1 |
| 3020 | 160 mm Kombine Pense Opak Combination Pliers | 1 |
| 4240 | Değişken Uçlu Tornavida Takımı Screwdriver Set Reversible 4.5x80 - 6x80 | 1 |
| 5800 | 200 gr Tesviyeci Çekiç / Machinist Hammer | 1 |
| 6350 | 300 mm Levye Oluklu / Tyre Lever Straight | 1 |

Bakım Onarım Seti (5 Parça)
Maintenance Set (5 Pcs)



| KOD CODE | İÇERİK CONTENTS | TL/Ad. |
|--------------|---|--------|
| 3020 12 3160 | 160 mm Kombine Pense Kraft Combination Pliers | 1 |
| 3220 13 3160 | 160 mm Kargaburun Düz Uçlu Kraft Nose Pliers Flat | 1 |
| 3700 16 3140 | 140 mm Yan Keski Kraft Side Cutting Pliers | 1 |
| 4100 17 5100 | 5x100 Kraft Seri Düz Uçlu Tornavida Screwdriver Kraft, Flat | 1 |
| 4120 18 4580 | 4.5x80 Kraft Seri Yıldız Uçlu Tornavida Screwdriver Kraft, Phillips | 1 |



Anahtar İşleme Aşamaları / Manufacturing steps



2

Anahtarlar Wrenches



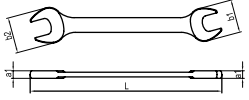
- | | |
|------------------------------|-----------------------------|
| <i>İki Ağız Anahtarlar</i> | <i>Open Jaw Wrenches</i> |
| <i>Kombine Anahtarlar</i> | <i>Combination Wrenches</i> |
| <i>Yıldız Anahtarlar</i> | <i>Ring Wrenches</i> |
| <i>Çakma Anahtarlar</i> | <i>Slugging Wrenches</i> |
| <i>Kurbağacık Anahtarlar</i> | <i>Adjustable Wrenches</i> |

★ Fiyat belirtilmeyen ebatlar için miktar belirterek fiyat talep ediniz.

İki Ağız Anahtar Kısa Boy (mm)
Double Ended Open Jaw Wrench Short Pattern (mm)



TS 81-6
DIN 895



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

0100

İki Ağız Anahtar Takımı Kısa Boy (mm)
Double Ended Open Jaw Wrench
Short Pattern Set (mm)



| KOD CODE | mm | L mm | a1 mm | b1 mm | b2 mm | g | TL/ Ad. |
|--------------|-------|---------|----------|----------|----------|-----|------------|
| 0100 01 0405 | 4x5 | 97 | 3.5 | 11 | 12.5 | 15 | 10 |
| 0100 01 0607 | 6x7 | 97 | 3.5 | 14 | 16 | 18 | 10 |
| 0100 01 0809 | 8x9 | 108 | 4 | 18 | 20 | 30 | 10 |
| 0100 01 0810 | 8x10 | 117 | 4.6 | 18 | 22 | 33 | 10 |
| 0100 01 1011 | 10x11 | 120 | 4.6 | 22 | 24 | 41 | 10 |
| 0100 01 1012 | 10x12 | 120 | 4.6 | 22 | 26 | 35 | 10 |
| 0100 01 1013 | 10x13 | 120 | 4.6 | 22 | 28 | 38 | 10 |
| 0100 01 1114 | 11x14 | 133 | 5.2 | 26 | 28 | 50 | 10 |
| 0100 01 1213 | 12x13 | 133 | 5.2 | 26 | 28 | 57 | 10 |
| 0100 01 1214 | 12x14 | 147 | 5.2 | 26 | 30 | 59 | 10 |
| 0100 01 1314 | 13x14 | 147 | 5.2 | 28 | 30 | 66 | 10 |
| 0100 01 1415 | 14x15 | 147 | 5.8 | 30 | 32 | 78 | 10 |
| 0100 01 1317 | 13x17 | 162 | 6.2 | 28 | 36 | 80 | 10 |
| 0100 01 1417 | 14x17 | 162 | 6.2 | 30 | 36 | 90 | 10 |
| 0100 01 1617 | 16x17 | 162 | 6.2 | 34 | 36 | 109 | 10 |
| 0100 01 1719 | 17x19 | 178 | 7 | 36 | 40 | 143 | 10 |
| 0100 01 1819 | 18x19 | 178 | 7 | 38 | 40 | 144 | 10 |
| 0100 01 1820 | 18x20 | 178 | 7 | 38 | 40 | 125 | 10 |
| 0100 01 1822 | 18x22 | 195 | 7.4 | 38 | 46 | 160 | 10 |
| 0100 01 1922 | 19x22 | 195 | 7.4 | 40 | 46 | 175 | 10 |
| 0100 01 2022 | 20x22 | 195 | 7.4 | 42 | 46 | 196 | 10 |
| 0100 01 2123 | 21x23 | 213 | 7.7 | 44 | 48 | 230 | 10 |
| 0100 01 2224 | 22x24 | 213 | 8 | 46 | 50 | 239 | 10 |
| 0100 01 2426 | 24x26 | 232 | 8.2 | 50 | 54 | 297 | 10 |
| 0100 01 2427 | 24x27 | 232 | 8.2 | 50 | 56 | 296 | 10 |
| 0100 01 2528 | 25x28 | 248 | 8.6 | 52 | 57.5 | 366 | 10 |
| 0100 01 2732 | 27x32 | 265 | 9 | 56 | 66 | 415 | 10 |
| 0100 01 3032 | 30x32 | 265 | 9 | 62 | 66 | 465 | 10 |

ÖZEL SERİLER (adet ve termin süresi isteyiniz)

| | | | | | | | |
|--------------|-------|-----|-----|----|----|-----|----|
| 0100 01 0608 | 6x8 | 97 | 3.5 | 14 | 18 | 20 | 10 |
| 0100 01 0708 | 7x8 | 108 | 3.5 | 16 | 18 | 20 | 10 |
| 0100 01 0709 | 7x9 | 108 | 4 | 16 | 20 | 25 | 10 |
| 0100 01 0910 | 9x10 | 117 | 4.6 | 20 | 22 | 30 | 10 |
| 0100 01 0911 | 9x11 | 120 | 4.6 | 20 | 24 | 30 | 10 |
| 0100 01 1014 | 10x14 | 120 | 5.2 | 22 | 30 | 50 | 10 |
| 0100 01 1113 | 11x13 | 133 | 5.2 | 26 | 28 | 50 | 10 |
| 0100 01 1315 | 13x15 | 147 | 5.8 | 28 | 32 | 65 | 10 |
| 0100 01 1722 | 17x22 | 195 | 7.4 | 36 | 46 | 160 | 10 |
| 0100 01 1924 | 19x24 | 213 | 7.7 | 40 | 50 | 200 | 10 |
| 0100 01 2226 | 22x26 | 232 | 8 | 46 | 54 | 250 | 10 |
| 0100 01 2227 | 22x27 | 232 | 8.2 | 46 | 56 | 260 | 10 |
| 0100 01 2430 | 24x30 | 265 | 9 | 50 | 62 | 370 | 10 |
| 0100 01 2730 | 27x30 | 265 | 9 | 56 | 62 | 380 | 10 |



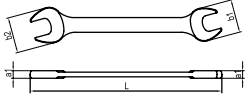
| KOD CODE | İÇERİK CONTENTS | g | TL/ Ad. |
|--------------|--|------|------------|
| 0100 00 2108 | 6x7 - 8x9 - 10x11 12x13 - 14x15 - 16x17 18x19 - 20x22 | 736 | 8 |
| 0100 00 2112 | 6x7 - 8x9 - 10x11 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 24x26 - 25x28 - 30x32 | 2110 | 12 |

0130

İki Ağız Anahtar Uzun Boy (mm)

Double Ended Open Jaw Wrench Long Pattern (mm)

TS ISO 10102
DIN 3110



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | L mm | a1 mm | b1 mm | b2 mm | g | TL/Ad. |
|--------------|-------|------|-------|-------|-------|------|--------|
| 0130 01 0607 | 6x7 | 125 | 3.5 | 14 | 16 | 24 | 10 |
| 0130 01 0608 | 6x8 | 125 | 3.5 | 14 | 18 | 20 | 10 |
| 0130 01 0809 | 8x9 | 140 | 4 | 18 | 20 | 35 | 10 |
| 0130 01 0810 | 8x10 | 140 | 4 | 18 | 22 | 36 | 10 |
| 0130 01 1011 | 10x11 | 155 | 4.5 | 22 | 24 | 47 | 10 |
| 0130 01 1012 | 10x12 | 162 | 4.7 | 22 | 26 | 57 | 10 |
| 0130 01 1013 | 10x13 | 162 | 4.7 | 22 | 28 | 61 | 10 |
| 0130 01 1014 | 10x14 | 162 | 4.7 | 22 | 28 | 65 | 10 |
| 0130 01 1113 | 11x13 | 172 | 5 | 26 | 28 | 70 | 10 |
| 0130 01 1114 | 11x14 | 172 | 5 | 26 | 30 | 65 | 10 |
| 0130 01 1213 | 12x13 | 172 | 5 | 26 | 28 | 67 | 10 |
| 0130 01 1214 | 12x14 | 172 | 5 | 26 | 30 | 65 | 10 |
| 0130 01 1314 | 13x14 | 188 | 5.5 | 28 | 30 | 85 | 10 |
| 0130 01 1315 | 13x15 | 188 | 5.5 | 30 | 32 | 93 | 10 |
| 0130 01 1415 | 14x15 | 188 | 5.5 | 30 | 32 | 91 | 10 |
| 0130 01 1317 | 13x17 | 205 | 6.2 | 28 | 36 | 111 | 10 |
| 0130 01 1417 | 14x17 | 205 | 6.2 | 30 | 36 | 106 | 10 |
| 0130 01 1617 | 16x17 | 205 | 6.2 | 34 | 36 | 120 | 10 |
| 0130 01 1618 | 16x18 | 220 | 7 | 36 | 40 | 165 | 10 |
| 0130 01 1719 | 17x19 | 220 | 7 | 36 | 40 | 160 | 10 |
| 0130 01 1819 | 18x19 | 220 | 7 | 38 | 40 | 161 | 10 |
| 0130 01 1921 | 19x21 | 235 | 7.5 | 40 | 46 | 195 | 5 |
| 0130 01 1922 | 19x22 | 235 | 7.5 | 40 | 46 | 195 | 5 |
| 0130 01 2022 | 20x22 | 235 | 7.5 | 42 | 46 | 195 | 5 |
| 0130 01 1924 | 19x24 | 248 | 8.3 | 40 | 50 | 235 | 5 |
| 0130 01 2123 | 21x23 | 248 | 8.3 | 44 | 48 | 235 | 5 |
| 0130 01 2224 | 22x24 | 248 | 8.3 | 46 | 50 | 235 | 5 |
| 0130 01 2426 | 24x26 | 265 | 8.8 | 50 | 54 | 300 | 5 |
| 0130 01 2427 | 24x27 | 265 | 8.8 | 50 | 56 | 300 | 5 |
| 0130 01 2430 | 24x30 | 282 | 9.3 | 50 | 61.5 | 380 | 5 |
| 0130 01 2528 | 25x28 | 282 | 9.3 | 52 | 57.5 | 390 | 5 |
| 0130 01 2729 | 27x29 | 300 | 9.8 | 56 | 59 | 400 | 5 |
| 0130 01 2730 | 27x30 | 300 | 9.8 | 56 | 59 | 440 | 5 |
| 0130 01 2732 | 27x32 | 300 | 9.8 | 56 | 65.5 | 460 | 5 |
| 0130 01 3032 | 30x32 | 300 | 9.8 | 61.5 | 65.5 | 480 | 5 |
| 0130 01 3036 | 30x36 | 325 | 10.4 | 61.5 | 76 | 645 | 5 |
| 0130 01 3236 | 32x36 | 325 | 10.4 | 65.5 | 76 | 680 | 5 |
| 0130 01 3436 | 34x36 | 330 | 10.4 | 71 | 76 | 690 | 5 |
| 0130 01 3641 | 36x41 | 360 | 12 | 76 | 87 | 955 | 5 |
| 0130 01 4146 | 41x46 | 400 | 12.5 | 87 | 98 | 1300 | 5 |
| 0130 01 4650 | 46x50 | 450 | 13 | 98 | 107 | 1635 | 5 |

ÖZEL SERİLER (adet ve termin süresi isteyiniz)

| | | | | | | | |
|--------------|-------|-----|-----|----|----|-----|----|
| 0130 01 0555 | 5x5.5 | 97 | 3.5 | 14 | 16 | 15 | 10 |
| 0130 01 0708 | 7x8 | 135 | 3.5 | 16 | 18 | 20 | 10 |
| 0130 01 0709 | 7x9 | 140 | 4 | 16 | 20 | 30 | 10 |
| 0130 01 0910 | 9x10 | 140 | 4.5 | 20 | 22 | 45 | 10 |
| 0130 01 0911 | 9x11 | 155 | 4.5 | 20 | 24 | 45 | 10 |
| 0130 01 1722 | 17x22 | 235 | 7.5 | 36 | 46 | 190 | 5 |
| 0130 01 1724 | 17x24 | 248 | 8.3 | 36 | 50 | 240 | 5 |
| 0130 01 2227 | 22x27 | 265 | 8.8 | 46 | 56 | 300 | 5 |

0130

İki Ağız Anahtar Takımı Uzun Boy (mm)

*Double Ended Open Jaw Wrench
Long Pattern Set (mm)*

TS ISO 10102



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|--|------|--------|
| 0130 00 2108 | 6x7 - 8x9 - 10x11 - 12x13 14x15 - 16x17 - 18x19 20x22 | 815 | 8 |
| 0130 00 2112 | 6x7 - 8x9 - 10x11 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 24x26 - 25x28 - 27x32 | 2315 | 12 |

İki Ağız Anahtar Uzun Boy (SAE)
Double Ended Open Jaw Wrench Long Pattern (SAE)

TSEK

2

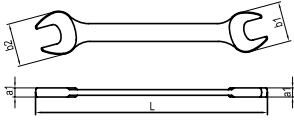


Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

0161

İki Ağız Anahtar Takımı Uzun Boy (SAE)
Double Ended Open Jaw Wrench
Long Pattern Set (SAE)

TSEK



| KOD CODE | inch | L mm | a1 mm | b1 mm | b2 mm | g | TL/ Ad. |
|--------------|----------------|---------|----------|----------|----------|-----|------------|
| 0161 01 0608 | 1/4"x5/16" | 125 | 3.5 | 14 | 16 | 20 | 10 |
| 0161 01 0809 | 5/16"x3/8" | 140 | 4 | 18 | 20 | 30 | 10 |
| 0161 01 0810 | 5/16"x11/32" | 140 | 4 | 18 | 20 | 30 | 10 |
| 0161 01 0811 | 5/16"x7/16" | 140 | 4 | 18 | 22 | 30 | 10 |
| 0161 01 0911 | 3/8"x7/16" | 155 | 4.5 | 22 | 24 | 35 | 10 |
| 0161 01 1112 | 7/16"x1/2" | 172 | 5 | 26 | 28 | 40 | 10 |
| 0161 01 1214 | 1/2"x9/16" | 172 | 5 | 26 | 30 | 65 | 10 |
| 0161 01 1416 | 9/16"x5/8" | 188 | 5.5 | 30 | 32 | 85 | 10 |
| 0161 01 1417 | 9/16"x11/16" | 205 | 6.2 | 30 | 36 | 110 | 10 |
| 0161 01 1517 | 19/32"x11/16" | 205 | 6.2 | 34 | 36 | 115 | 10 |
| 0161 01 1619 | 5/8"x3/4" | 220 | 7 | 36 | 40 | 150 | 10 |
| 0161 01 1920 | 3/4"x25/32" | 220 | 7 | 38 | 40 | 160 | 10 |
| 0161 01 2021 | 25/32"x13/16" | 235 | 7.5 | 40 | 46 | 195 | 10 |
| 0161 01 1922 | 3/4"x7/8" | 235 | 7.5 | 40 | 46 | 195 | 10 |
| 0161 01 2122 | 13/16"x7/8" | 248 | 8.3 | 44 | 48 | 235 | 10 |
| 0161 01 2325 | 15/16"x1" | 265 | 8.8 | 50 | 54 | 300 | 10 |
| 0161 01 2328 | 15/16"x1 1/8" | 265 | 8.8 | 50 | 56 | 300 | 10 |
| 0161 01 2628 | 1 1/16"x1 1/8" | 300 | 9.8 | 56 | 59.5 | 460 | 10 |
| 0161 01 2631 | 1 1/16"x1 1/4" | 300 | 9.8 | 56 | 65.5 | 460 | 10 |
| 0161 01 2833 | 1 1/8"x1 5/16" | 300 | 9.8 | 56 | 65.5 | 460 | 10 |

| KOD CODE | İÇERİK CONTENTS | g | TL/ Ad. |
|--------------|---|------|------------|
| 0161 00 2108 | 1/4"x5/16" - 5/16"x3/8" 7/16"x1/2" - 9/16"x5/8" - 19/32"x11/16" 3/4"x25/32" - 13/16"x7/8" - 15/16"x1" | 1090 | 8 |
| 0161 00 2112 | 1/4"x5/16" - 5/16"x3/8" - 3/8"x7/16" 7/16"x1/2" - 1/2"x9/16" - 9/16"x5/8" 19/32"x11/16" - 3/4"x25/32" - 13/16"x7/8" 15/16"x1" - 1 1/16"x1 1/4" 1 1/8"x1 5/16" | 2165 | 12 |

0250

Bir Ağız Taçlı Anahtar (mm) Single Ended Open Jaw Wrench (mm)



Krom vanadyum
Chrom vanadium

| KOD CODE | mm | L mm | a1 mm | b1 mm | g | TL/Ad. |
|--------------|----|------|-------|-------|------|--------|
| 0250 01 0030 | 30 | 260 | 10.5 | 60.2 | 250 | 5 |
| 0250 01 0036 | 36 | 300 | 10.5 | 74.6 | 370 | 5 |
| 0250 01 0041 | 41 | 345 | 12.2 | 85.5 | 550 | 5 |
| 0250 01 0046 | 46 | 390 | 14 | 96.3 | 750 | 5 |
| 0250 01 0050 | 50 | 425 | 15.2 | 105 | 1000 | 5 |
| 0250 01 0055 | 55 | 455 | 16.5 | 113.5 | 1300 | 1 |
| 0250 01 0060 | 60 | 490 | 18.4 | 121 | 1600 | 1 |
| 0250 01 0065 | 65 | 524 | 19 | 130 | 1980 | 1 |

ÖZEL SERİLER (adet ve termin süresi isteyiniz)

| | | | | | | |
|--------------|----|-----|------|------|------|----|
| 0250 01 0021 | 21 | 185 | 8 | 42.4 | 95 | 10 |
| 0250 01 0022 | 22 | 195 | 8 | 44.4 | 110 | 10 |
| 0250 01 0023 | 23 | 195 | 8 | 46.3 | 115 | 10 |
| 0250 01 0024 | 24 | 215 | 9 | 48.3 | 150 | 10 |
| 0250 01 0025 | 25 | 215 | 9 | 50.3 | 155 | 10 |
| 0250 01 0027 | 27 | 240 | 9.5 | 54.3 | 200 | 5 |
| 0250 01 0032 | 32 | 270 | 10.5 | 64 | 300 | 5 |
| 0250 01 0034 | 34 | 270 | 10.5 | 68 | 320 | 5 |
| 0250 01 0038 | 38 | 300 | 10.5 | 76.8 | 400 | 5 |
| 0250 01 0070 | 70 | 564 | 20.8 | 140 | 2480 | 1 |
| 0250 01 0075 | 75 | 608 | 21.8 | 151 | 3100 | 1 |

0255

Süper İzole Çatal Bir Ağız Anahtar (mm) Single Ended Open Jaw Wrench Super Insulated (mm)



Krom vanadyum, Krom kaplı, Kalın PVC izoleli
Chrom vanadium, Chrom plated, Triple PVC insulated

| KOD CODE | mm | L mm | g | TL/Ad. |
|--------------|----|------|-----|--------|
| 0255 01 0010 | 10 | 110 | 40 | 10 |
| 0255 01 0011 | 11 | 120 | 45 | 10 |
| 0255 01 0012 | 12 | 130 | 50 | 10 |
| 0255 01 0013 | 13 | 140 | 60 | 10 |
| 0255 01 0014 | 14 | 155 | 75 | 10 |
| 0255 01 0017 | 17 | 170 | 100 | 10 |
| 0255 01 0019 | 19 | 185 | 150 | 10 |
| 0255 01 0022 | 22 | 200 | 200 | 10 |
| 0255 01 0024 | 24 | 220 | 280 | 10 |

0325

Montaj Anahtar (mm) Speed Wrench (mm)



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | L mm | a1 mm | a2 mm | b1 mm | σD mm | g | TL/Ad. |
|--------------|----|------|-------|-------|-------|-------|-----|--------|
| 0325 02 0010 | 10 | 130 | 4.3 | 6.9 | 22 | 15.5 | 35 | 10 |
| 0325 02 0013 | 13 | 160 | 5.2 | 7.9 | 28 | 19.5 | 45 | 10 |
| 0325 02 0017 | 17 | 200 | 6.4 | 9.8 | 36 | 25.5 | 110 | 10 |
| 0325 02 0019 | 19 | 220 | 7 | 11 | 40 | 28.5 | 155 | 10 |
| 0325 02 0020 | 20 | 235 | 7.2 | 11.4 | 42 | 30 | 180 | 10 |
| 0325 02 0021 | 21 | 245 | 7.4 | 12 | 44 | 31.5 | 180 | 10 |
| 0325 02 0022 | 22 | 255 | 8.2 | 12.6 | 46 | 33 | 245 | 10 |

%100 Daha Hızlı

Yeni tasarlanan montaj anahtarı, 2 kat hızlı rıncır mekanizması mantığına dayanan çalışma prensibinden alır. Kullanım sırasında, montaj anahtarını civatadan ayırmadan döndürme kolaylığı kullanım hızını artırırken, civata köşelerine sağlam tutunan anahtar profili güvenli ve kaydırmaz kullanım sağlar.

Uzun Ömür

Bu yeni montaj anahtar profili, civata ve somunlar ile köşelerinden değil düz yüzeyleri üzerinden temas ederek düzenli tork iletimini sağlarken, gerilimin artmasını da engelleyerek anahtar ömrünün uzamasını sağlar.

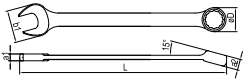
- Anahtarı civatadan ayırmadan hızlı kullanım.
- Güvenli tork iletimi ve uzun ömür.

Kombine Anahtar Kısa Boy (mm)
Combination Wrench Short Pattern (mm)



TS 3794
TS ISO 7738 Form A
DIN 3113

2



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | L mm | a1 mm | a2 mm | b1 mm | øD mm | g | TL/Ad. |
|--------------|-----|------|-------|-------|-------|-------|-----|--------|
| 0320 02 0005 | 5 | 100 | 3.4 | 5.1 | 14 | 10 | 15 | 10 |
| 0320 02 0055 | 5.5 | 100 | 3.4 | 5.1 | 14 | 10 | 15 | 10 |
| 0320 02 0006 | 6 | 100 | 3.4 | 5.1 | 14 | 10 | 15 | 10 |
| 0320 02 0007 | 7 | 110 | 3.6 | 5.5 | 16 | 11 | 20 | 10 |
| 0320 02 0008 | 8 | 120 | 3.8 | 5.9 | 18 | 13 | 25 | 10 |
| 0320 02 0009 | 9 | 130 | 4 | 6.3 | 20 | 14 | 30 | 10 |
| 0320 02 0010 | 10 | 140 | 4.3 | 6.9 | 22 | 15.5 | 40 | 10 |
| 0320 02 0011 | 11 | 150 | 4.5 | 7.3 | 24 | 17 | 45 | 10 |
| 0320 02 0012 | 12 | 160 | 4.9 | 7.7 | 26 | 18.5 | 55 | 10 |
| 0320 02 0013 | 13 | 170 | 5.2 | 7.9 | 28 | 19.5 | 60 | 10 |
| 0320 02 0014 | 14 | 180 | 5.5 | 8.7 | 30 | 21.5 | 75 | 10 |
| 0320 02 0015 | 15 | 190 | 5.8 | 9.1 | 32 | 22.5 | 90 | 10 |
| 0320 02 0016 | 16 | 200 | 6.1 | 9.6 | 34 | 24 | 105 | 10 |
| 0320 02 0017 | 17 | 210 | 6.4 | 9.8 | 36 | 25.5 | 120 | 10 |
| 0320 02 0018 | 18 | 220 | 6.8 | 10.4 | 38 | 27 | 145 | 10 |
| 0320 02 0019 | 19 | 232 | 7 | 11 | 40 | 28.5 | 170 | 10 |
| 0320 02 0020 | 20 | 240 | 7.2 | 11.4 | 42 | 30 | 195 | 10 |
| 0320 02 0021 | 21 | 250 | 7.4 | 12 | 44 | 31.5 | 190 | 10 |
| 0320 02 0022 | 22 | 260 | 8.2 | 12.6 | 46 | 33 | 275 | 10 |
| 0320 02 0023 | 23 | 270 | 8.3 | 13 | 48 | 35 | 255 | 5 |
| 0320 02 0024 | 24 | 280 | 8.5 | 13.6 | 50 | 36.5 | 320 | 5 |
| 0320 02 0025 | 25 | 290 | 8.8 | 14 | 52 | 39 | 320 | 5 |
| 0320 02 0026 | 26 | 300 | 9 | 14.8 | 54 | 41 | 400 | 5 |
| 0320 02 0027 | 27 | 310 | 9.3 | 15 | 56 | 41.5 | 400 | 5 |
| 0320 02 0028 | 28 | 320 | 9.4 | 15.4 | 57.5 | 42.5 | 380 | 5 |
| 0320 02 0029 | 29 | 330 | 10 | 15.6 | 59 | 43.5 | 510 | 5 |
| 0320 02 0030 | 30 | 340 | 10.3 | 16 | 61.5 | 44 | 505 | 5 |
| 0320 02 0032 | 32 | 370 | 10.5 | 16.2 | 65.5 | 47 | 560 | 5 |
| 0320 02 0034 | 34 | 400 | 10.7 | 16.8 | 71 | 50 | 675 | 5 |

0320

Kombine Anahtar Takımı Kısa Boy (mm)
Combination Wrench Short Pattern Set (mm)



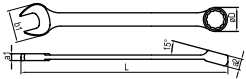
| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|--|------|--------|
| 0320 00 2108 | 6 - 7 - 8 - 9 - 10 - 13 - 17 - 19 | 475 | 8 |
| 0320 00 2112 | 8 - 9 - 10 - 11 - 12 - 13 - 14 15 - 16 - 17 - 19 - 22 | 1190 | 12 |
| 0320 00 2117 | 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 | 1760 | 17 |
| 0320 00 2121 | 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 24 - 27 - 30 - 32 | 3650 | 21 |

Kombine Anahtar Uzun Boy (mm)
Combination Wrench, Long Pattern (mm)



TS 3794
TS ISO 7738 Form A
DIN 3113

2



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | L mm | a1 mm | a2 mm | b1 mm | øD mm | g | TL/Ad. |
|--------------|-----|------|-------|-------|-------|-------|------|--------|
| 0330 02 0005 | 5 | 95 | 3.2 | 5.2 | 12.5 | 9 | 20 | 10 |
| 0330 02 0055 | 5.5 | 100 | 3.4 | 5.4 | 13.5 | 9.5 | 20 | 10 |
| 0330 02 0006 | 6 | 105 | 3.8 | 5.6 | 14 | 10.5 | 20 | 10 |
| 0330 02 0007 | 7 | 117 | 4 | 6.1 | 16 | 12 | 20 | 10 |
| 0330 02 0008 | 8 | 130 | 4.2 | 6.6 | 18 | 13.5 | 30 | 10 |
| 0330 02 0009 | 9 | 141 | 4.5 | 7 | 20 | 15 | 40 | 10 |
| 0330 02 0010 | 10 | 154 | 4.7 | 7.6 | 22 | 16 | 50 | 10 |
| 0330 02 0011 | 11 | 166 | 5 | 8.2 | 24 | 17.5 | 60 | 10 |
| 0330 02 0012 | 12 | 178 | 5.2 | 8.7 | 26 | 19 | 70 | 10 |
| 0330 02 0013 | 13 | 190 | 5.6 | 9.2 | 28 | 20.5 | 80 | 10 |
| 0330 02 0014 | 14 | 203 | 5.8 | 9.7 | 30 | 22 | 100 | 10 |
| 0330 02 0015 | 15 | 215 | 6.4 | 10.1 | 32 | 23.5 | 115 | 10 |
| 0330 02 0016 | 16 | 227 | 6.4 | 10.8 | 34 | 25 | 135 | 10 |
| 0330 02 0017 | 17 | 239 | 6.6 | 11.4 | 36 | 26.5 | 160 | 10 |
| 0330 02 0018 | 18 | 250 | 7 | 12 | 38 | 28 | 186 | 10 |
| 0330 02 0019 | 19 | 263 | 7.3 | 12.7 | 40 | 29.5 | 205 | 10 |
| 0330 02 0020 | 20 | 275 | 7.7 | 13.2 | 42 | 31 | 235 | 10 |
| 0330 02 0021 | 21 | 288 | 8.1 | 13.3 | 44 | 31.5 | 260 | 10 |
| 0330 02 0022 | 22 | 300 | 8.5 | 13.7 | 46 | 34 | 300 | 10 |
| 0330 02 0023 | 23 | 315 | 8.8 | 14.2 | 48 | 35.5 | 300 | 5 |
| 0330 02 0024 | 24 | 330 | 9 | 14.2 | 50 | 37 | 390 | 5 |
| 0330 02 0025 | 25 | 340 | 9.3 | 14.7 | 52 | 38.5 | 380 | 5 |
| 0330 02 0026 | 26 | 350 | 9.7 | 14.7 | 54 | 40 | 475 | 5 |
| 0330 02 0027 | 27 | 360 | 10 | 15.2 | 56 | 41 | 475 | 5 |
| 0330 02 0028 | 28 | 370 | 10.4 | 15.7 | 57.5 | 43 | 475 | 5 |
| 0330 02 0029 | 29 | 390 | 10.8 | 16.2 | 59 | 44 | 610 | 5 |
| 0330 02 0030 | 30 | 410 | 11.2 | 16.6 | 61.5 | 45 | 610 | 5 |
| 0330 02 0032 | 32 | 420 | 11.5 | 17.1 | 65.5 | 48 | 755 | 5 |
| 0330 02 0034 | 34 | 430 | 11.8 | 17.4 | 71 | 51 | 735 | 5 |
| 0330 02 0036 | 36 | 440 | 12.2 | 17.7 | 76 | 53 | 1000 | 5 |
| 0330 02 0038 | 38 | 450 | 12.5 | 18.7 | 80 | 56 | 1000 | 5 |
| 0330 02 0041 | 41 | 480 | 13.5 | 19.7 | 87 | 61 | 1240 | 5 |
| 0330 02 0046 | 46 | 505 | 14.7 | 20.7 | 95 | 67.5 | 1635 | 1 |
| 0330 02 0050 | 50 | 540 | 15.9 | 22.7 | 104 | 73.5 | 2100 | 1 |

0330

Kombine Anahtar Takımı Uzun Boy (mm)
Combination Wrench Long Pattern Set (mm)



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|---|------|--------|
| 0330 00 2108 | 6 - 7 - 8 - 9 - 10 - 13 17 - 19 | 665 | 8 |
| 0330 00 2112 | 8 - 9 - 10 - 11 - 12 13 - 14 - 15 - 16 17 - 19 - 22 | 1780 | 12 |
| 0330 00 2117 | 6 - 7 - 8 - 9 - 10 11 - 12 - 13 - 14 - 15 16 - 17 - 18 - 19 20 - 21 - 22 | 2170 | 17 |
| 0330 00 2121 | 6 - 7 - 8 - 9 - 10 - 11 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 22 - 24 - 27 - 30 - 32 | 4465 | 21 |

Kombine Anahtar Uzun Boy (SAE)
Combination Wrench Long Pattern (SAE)

TSEK

2

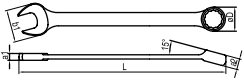


Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

0331

Kombine Anahtar Takımı Uzun Boy (SAE)
Combination Wrench Long Pattern Set (SAE)

TSEK



| KOD CODE | inch | L mm | a1 mm | a2 mm | b1 mm | σD mm | g | TL/Ad. |
|--------------|---------|------|-------|-------|-------|-------|------|--------|
| 0331 02 0005 | 3/16" | 95 | 3.2 | 5.2 | 12.5 | 9 | 15 | 10 |
| 0331 02 0006 | 1/4" | 105 | 3.8 | 5.6 | 14 | 10.5 | 20 | 10 |
| 0331 02 0008 | 5/16" | 130 | 4.2 | 6.6 | 18 | 13.5 | 30 | 10 |
| 0331 02 0010 | 3/8" | 154 | 4.7 | 7.6 | 22 | 16 | 50 | 10 |
| 0331 02 0011 | 7/16" | 166 | 5 | 8.2 | 24 | 17.5 | 60 | 10 |
| 0331 02 0013 | 1/2" | 190 | 5.6 | 9.2 | 28 | 20.5 | 80 | 10 |
| 0331 02 0014 | 9/16" | 203 | 5.8 | 9.7 | 30 | 22 | 100 | 10 |
| 0331 02 0015 | 19/32" | 215 | 6.4 | 10.1 | 32 | 23.5 | 115 | 10 |
| 0331 02 0016 | 5/8" | 227 | 6.4 | 10.8 | 34 | 25 | 135 | 10 |
| 0331 02 0017 | 11/16" | 239 | 6.6 | 11.4 | 36 | 26.5 | 155 | 10 |
| 0331 02 0019 | 3/4" | 263 | 7.3 | 12.7 | 40 | 29.5 | 205 | 10 |
| 0331 02 0020 | 25/32" | 275 | 7.7 | 13.2 | 42 | 31 | 230 | 10 |
| 0331 02 0021 | 13/16" | 288 | 8.1 | 13.3 | 44 | 31.5 | 260 | 5 |
| 0331 02 0022 | 7/8" | 300 | 8.5 | 13.7 | 46 | 34 | 310 | 5 |
| 0331 02 0024 | 15/16" | 330 | 9 | 14.2 | 50 | 37 | 380 | 5 |
| 0331 02 0025 | 1" | 340 | 9.3 | 14.7 | 52 | 38.5 | 380 | 5 |
| 0331 02 0027 | 1 1/16" | 360 | 10 | 15.2 | 56 | 41 | 470 | 5 |
| 0331 02 0028 | 1 1/8" | 370 | 10.4 | 15.7 | 57.5 | 43 | 470 | 5 |
| 0331 02 0030 | 1 3/16" | 410 | 11.2 | 16.6 | 61.5 | 45 | 635 | 5 |
| 0331 02 0032 | 1 1/4" | 420 | 11.5 | 17.1 | 65.5 | 48 | 775 | 5 |
| 0331 02 0033 | 1 5/16" | 430 | 11.8 | 17.4 | 71 | 51 | 775 | 5 |
| 0331 02 0038 | 1 1/2" | 450 | 12.5 | 18.7 | 80 | 56 | 1015 | 5 |

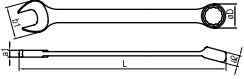
ÖZEL SERİLER (adet ve termin süresi isteyiniz)

| | | | | | | | | |
|--------------|----------|-----|------|------|-----|------|------|---|
| 0331 02 0035 | 1 3/8" | 440 | 12.2 | 17.7 | 76 | 53 | 1015 | 5 |
| 0331 02 0036 | 1 7/16" | 440 | 12.2 | 17.7 | 76 | 53 | 1015 | 5 |
| 0331 02 0041 | 1 5/8" | 480 | 13.5 | 19.7 | 87 | 61 | 1325 | 5 |
| 0331 02 0046 | 1 13/16" | 505 | 14.7 | 20.7 | 95 | 67.5 | 1750 | 5 |
| 0331 02 0050 | 2" | 540 | 15.9 | 22.7 | 104 | 73.5 | 2200 | 5 |

| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|--|------|--------|
| 0331 00 2108 | 5/16" - 3/8" - 7/16" - 1/2" - 9/16" 5/8" - 11/16" - 3/4" | 925 | 8 |
| 0331 00 2112 | 5/16" - 3/8" - 7/16" - 1/2" - 9/16" 5/8" - 11/16" - 3/4" - 13/16" - 7/8" 15/16" - 1" | 2320 | 12 |
| 0331 00 2117 | 1/4" - 5/16" - 3/8" - 7/16" - 1/2" 9/16" - 19/32" 5/8" - 11/16" - 3/4" - 25/32" - 13/16" 7/8" - 15/16" - 1" 1 1/16" - 1 3/16" | 3875 | 17 |
| 0331 00 2120 | 1/4" - 5/16" - 3/8" - 7/16" 1/2" - 9/16" - 19/32" - 5/8" - 11/16" 3/4" - 25/32" 13/16" - 7/8" - 15/16" 1" - 1 1/16" - 1 1/8" 1 3/16" - 1 1/4" - 1 5/16" | 5880 | 20 |

0340

Cırcır Kombine Anahtar (mm) Combination Wrench With Ratchet (mm)



| KOD CODE | mm | L mm | a1 mm | a2 mm | b1 mm | øD mm | g | TL/Ad. |
|--------------|----|------|-------|-------|-------|-------|-----|--------|
| 0340 02 0008 | 8 | 136 | 5.1 | 7 | 18 | 17.5 | 35 | 10 |
| 0340 02 0009 | 9 | 143 | 5.4 | 7.6 | 20 | 19.3 | 40 | 10 |
| 0340 02 0010 | 10 | 160 | 5.8 | 7.7 | 22 | 21 | 55 | 10 |
| 0340 02 0011 | 11 | 168 | 6.1 | 8.3 | 24.5 | 22.7 | 70 | 10 |
| 0340 02 0012 | 12 | 174 | 6.4 | 8.7 | 26.5 | 24.7 | 80 | 10 |
| 0340 02 0013 | 13 | 180 | 6.7 | 9.3 | 27.6 | 26 | 90 | 10 |
| 0340 02 0014 | 14 | 193 | 7.4 | 9.4 | 31.4 | 27.7 | 120 | 10 |
| 0340 02 0015 | 15 | 200 | 7.7 | 10 | 33.4 | 29 | 135 | 10 |
| 0340 02 0016 | 16 | 216 | 8.1 | 10.6 | 34.6 | 30.7 | 155 | 10 |
| 0340 02 0017 | 17 | 233 | 8.8 | 10.9 | 38.4 | 33 | 190 | 10 |
| 0340 02 0018 | 18 | 239 | 9 | 11.2 | 39.9 | 33.7 | 200 | 10 |
| 0340 02 0019 | 19 | 250 | 9.5 | 11.5 | 41.5 | 34.8 | 240 | 10 |
| 0340 02 0021 | 21 | 285 | 10.2 | 13 | 45.8 | 42 | 350 | 10 |
| 0340 02 0022 | 22 | 285 | 10.2 | 13 | 45.8 | 42 | 340 | 10 |
| 0340 02 0024 | 24 | 325 | 11 | 14.5 | 51.5 | 47.5 | 470 | 5 |

0335

Çoklu Yıldız Cırcır Anahtar (mm) Multi-Ring Wrench (mm)



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | ÖLÇÜ SİZE | g | TL/Ad. |
|--------------|-------------|-----|--------|
| 0335 02 0010 | 10x13x17x19 | 215 | 5 |

0340

Cırcır Kombine Anahtar Takımı (mm) Combination Wrench With Ratchet, Set (mm)



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|--|------|--------|
| 0340 00 2110 | 8 - 9 - 10 - 11 12 - 13 - 14 - 15 17 - 19 | 1315 | 10 |
| 0340 00 2115 | 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 19 - 21 - 22 - 24 | 2445 | 15 |

Mafsallı Cırcır Kombine Anahtar (mm)
Flexible Head Combination Wrench With Ratchet (mm)

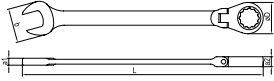
2



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

0345

Mafsallı Cırcır Kombine Anahtar Takımı (mm)
Flexible Head Combination Wrench With Ratchet, Set (mm)



| KOD CODE | mm | L mm | a1 mm | a2 mm | b mm | ØD mm | g | TL/Ad. |
|--------------|----|------|-------|-------|------|-------|-----|--------|
| 0345 02 0008 | 8 | 136 | 5.5 | 7 | 17.1 | 17.5 | 40 | 10 |
| 0345 02 0009 | 9 | 136 | 5.5 | 7 | 17.1 | 17.5 | 50 | 10 |
| 0345 02 0010 | 10 | 140 | 6.1 | 7.7 | 21.3 | 21 | 60 | 10 |
| 0345 02 0011 | 11 | 142 | 6.4 | 8.3 | 23.7 | 22.7 | 80 | 10 |
| 0345 02 0012 | 12 | 143 | 6.7 | 8.7 | 25.8 | 24 | 90 | 10 |
| 0345 02 0013 | 13 | 156 | 7 | 9.3 | 26.8 | 26 | 105 | 10 |
| 0345 02 0014 | 14 | 164 | 7.3 | 9.4 | 30.4 | 27.7 | 125 | 10 |
| 0345 02 0015 | 15 | 174 | 7.7 | 10 | 31.1 | 29.1 | 145 | 10 |
| 0345 02 0016 | 16 | 176 | 8 | 10.6 | 33.8 | 30.7 | 185 | 10 |
| 0345 02 0017 | 17 | 195 | 8.3 | 10.9 | 37 | 32.6 | 210 | 10 |
| 0345 02 0018 | 18 | 213 | 8.6 | 11.2 | 38.7 | 33.7 | 235 | 10 |
| 0345 02 0019 | 19 | 214 | 9 | 11.3 | 40.2 | 34.8 | 260 | 10 |

| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|--|------|--------|
| 0345 00 2112 | 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 | 1365 | 12 |



0370

Boyunlu Kombine Anahtar (mm)
Offset Combination Wrench (mm)



TS 3794
TS ISO 7738 Form B
DIN 3113

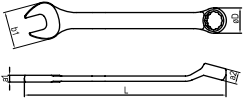
2



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

0370

Boyunlu Kombine Anahtar Takımı (mm)
Offset Combination Wrench, Set (mm)



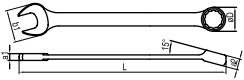
| KOD CODE | mm | L mm | a1 mm | a2 mm | b1 mm | σD mm | g | TL/Ad. |
|--------------|----|------|-------|-------|-------|-------|------|--------|
| 0370 02 0006 | 6 | 110 | 3.8 | 5.6 | 16 | 10.4 | 20 | 10 |
| 0370 02 0007 | 7 | 120 | 4 | 6.2 | 18 | 11.8 | 25 | 10 |
| 0370 02 0008 | 8 | 130 | 4.2 | 6.7 | 20 | 13.2 | 30 | 10 |
| 0370 02 0009 | 9 | 140 | 4.4 | 7.3 | 22 | 14.6 | 35 | 10 |
| 0370 02 0010 | 10 | 150 | 4.6 | 7.8 | 24 | 16 | 40 | 10 |
| 0370 02 0011 | 11 | 160 | 4.8 | 8.4 | 26 | 17.2 | 50 | 10 |
| 0370 02 0012 | 12 | 167 | 5 | 9 | 28 | 18.7 | 65 | 10 |
| 0370 02 0013 | 13 | 175 | 5.4 | 9.6 | 30 | 20 | 75 | 10 |
| 0370 02 0014 | 14 | 185 | 5.8 | 10.2 | 32 | 21.7 | 90 | 10 |
| 0370 02 0015 | 15 | 195 | 6.2 | 10.8 | 34 | 23 | 105 | 10 |
| 0370 02 0016 | 16 | 210 | 6.6 | 11.4 | 36 | 24.5 | 120 | 10 |
| 0370 02 0017 | 17 | 225 | 7 | 12 | 38 | 26 | 160 | 10 |
| 0370 02 0018 | 18 | 237 | 7.4 | 12.4 | 40 | 27.5 | 170 | 10 |
| 0370 02 0019 | 19 | 250 | 7.8 | 13 | 42 | 29 | 200 | 10 |
| 0370 02 0020 | 20 | 267 | 8.2 | 13.2 | 44 | 30.5 | 230 | 10 |
| 0370 02 0021 | 21 | 283 | 8.6 | 13.8 | 46 | 32 | 265 | 10 |
| 0370 02 0022 | 22 | 295 | 9 | 14.6 | 48 | 35 | 300 | 10 |
| 0370 02 0023 | 23 | 295 | 9 | 14.6 | 48 | 35 | 300 | 5 |
| 0370 02 0024 | 24 | 329 | 9.4 | 15.4 | 52 | 38 | 380 | 5 |
| 0370 02 0025 | 25 | 329 | 9.4 | 15.4 | 52 | 38 | 380 | 5 |
| 0370 02 0026 | 26 | 360 | 10.2 | 16.8 | 58 | 41.5 | 485 | 5 |
| 0370 02 0027 | 27 | 360 | 10.2 | 16.8 | 58 | 41.5 | 475 | 5 |
| 0370 02 0028 | 28 | 360 | 10.2 | 16.8 | 58 | 41.5 | 470 | 5 |
| 0370 02 0029 | 29 | 394 | 11 | 18.2 | 64 | 44.5 | 610 | 5 |
| 0370 02 0030 | 30 | 394 | 11 | 18.2 | 64 | 44.5 | 620 | 5 |
| 0370 02 0032 | 32 | 435 | 11.8 | 19.7 | 66 | 47.5 | 765 | 5 |
| 0370 02 0036 | 36 | 468 | 12.6 | 21.2 | 76 | 53 | 1020 | 5 |

| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|--|------|--------|
| 0370 00 2108 | 6 - 7 - 8 - 9 - 10 - 13 - 17 - 19 | 665 | 8 |
| 0370 00 2112 | 8 - 9 - 10 - 11 - 12 - 13 - 14 15 - 16 - 17 - 19 - 22 | 1375 | 12 |
| 0370 00 2117 | 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 | 2100 | 17 |
| 0370 00 2121 | 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 30 - 32 | 4425 | 21 |

Torx® - mm Kombine Anahtar
Torx® - mm Combination Wrench

2

R&D
AR-GE



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | * | L mm | a1 mm | a2 mm | b1 mm | øD mm | g | TL/ Ad. |
|--------------|----|-----|---------|----------|----------|----------|----------|-----|------------|
| 0380 02 0008 | 8 | E10 | 170 | 4.5 | 7.5 | 20.3 | 13.2 | 45 | 10 |
| 0380 02 0009 | 9 | E12 | 180 | 4.5 | 8 | 22.4 | 14.6 | 45 | 10 |
| 0380 02 0010 | 10 | E14 | 190 | 5 | 8.5 | 24.4 | 16 | 60 | 10 |
| 0380 02 0011 | 11 | E14 | 200 | 5.5 | 9 | 26.4 | 17.2 | 75 | 10 |
| 0380 02 0012 | 12 | E16 | 210 | 6 | 9.5 | 28.4 | 19 | 90 | 10 |
| 0380 02 0013 | 13 | E18 | 225 | 6.5 | 10 | 30.5 | 20 | 110 | 10 |
| 0380 02 0014 | 14 | E18 | 235 | 7 | 11 | 32.5 | 21.8 | 120 | 10 |
| 0380 02 0015 | 15 | E20 | 250 | 7.5 | 12 | 34.5 | 23 | 150 | 10 |
| 0380 02 0017 | 17 | E22 | 280 | 8.5 | 14 | 38.4 | 26.5 | 210 | 10 |
| 0380 02 0018 | 18 | E24 | 295 | 9 | 15 | 40.6 | 28 | 240 | 10 |
| 0380 02 0019 | 19 | E24 | 310 | 9.5 | 16 | 42.6 | 29.5 | 280 | 10 |
| 0380 02 0022 | 22 | E26 | 350 | 11 | 18 | 48.7 | 34.5 | 410 | 10 |

0380

Torx® - mm Kombine Anahtar Takımı
Torx® - mm Combination Wrench Set



Torx® - mm Kombine Anahtar: Bir çatal ağız ve bir yıldız ağızdan oluşan anahtarlarımız 8-22 mm arasında boyları bulunmaktadır. Çatal ağız kısmı mevcut çatal anahtarlardan farklı olarak 6 köşe civatanın yanısıra farklı geometri lere sahip civataları açabilmekte ve sıkabilmektedir.

| KOD CODE | İÇERİK CONTENTS | g | TL/ Ad. |
|--------------|--|------|------------|
| | 8 - 9 - 10 - 11 - 12 - 13 - 17 - 19 | | |
| 0380 00 2108 | E10 - E12 - E14 - E14 E16 - E18 - E22 - E24 | 790 | 8 |
| | 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 7 - 18 - 19 - 22 | | |
| 0380 00 2112 | E10 - E12 - E14 - E14 - E16 - E18 E18 - E20 - E22 - E24 - E24 - E26 | 1590 | 12 |

0430

Yıldız İki Ağız Anahtar (mm)
Double Ended Ring Wrench (mm)



TS 3794
TS ISO 10104 Form B
DIN 838

2



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | L mm | a1 mm | a2 mm | b1 mm | b2 mm | g | TL/Ad. |
|--------------|-------|------|-------|-------|-------|-------|------|--------|
| 0430 03 0607 | 6x7 | 176 | 5.6 | 6 | 10 | 11.5 | 55 | 10 |
| 0430 03 0809 | 8x9 | 190 | 6.4 | 6.8 | 13 | 14.5 | 75 | 10 |
| 0430 03 0810 | 8x10 | 190 | 6.4 | 7.3 | 13 | 15.5 | 70 | 10 |
| 0430 03 1011 | 10x11 | 206 | 7.3 | 7.6 | 15.5 | 17 | 105 | 10 |
| 0430 03 1012 | 10x12 | 206 | 7.3 | 8.5 | 15.5 | 18.5 | 105 | 10 |
| 0430 03 1013 | 10x13 | 220 | 7.3 | 9 | 15.5 | 20 | 120 | 10 |
| 0430 03 1113 | 11x13 | 220 | 7.6 | 9 | 17 | 20 | 130 | 10 |
| 0430 03 1213 | 12x13 | 220 | 8.5 | 9 | 18.5 | 20 | 135 | 10 |
| 0430 03 1214 | 12x14 | 220 | 8.5 | 9.5 | 18.5 | 21.5 | 145 | 10 |
| 0430 03 1415 | 14x15 | 236 | 9.5 | 10 | 21.5 | 23 | 180 | 10 |
| 0430 03 1317 | 13x17 | 250 | 9 | 11.5 | 20 | 26.5 | 215 | 10 |
| 0430 03 1417 | 14x17 | 250 | 9.5 | 11.5 | 21.5 | 26.5 | 210 | 10 |
| 0430 03 1617 | 16x17 | 250 | 10.8 | 11.5 | 25 | 26.5 | 220 | 10 |
| 0430 03 1618 | 16x18 | 250 | 10.8 | 12 | 25 | 27.5 | 210 | 10 |
| 0430 03 1719 | 17x19 | 271 | 11.5 | 12.5 | 26.5 | 29 | 270 | 10 |
| 0430 03 1819 | 18x19 | 271 | 12 | 12.5 | 27.5 | 29 | 270 | 10 |
| 0430 03 1922 | 19x22 | 291 | 12.5 | 13.5 | 29 | 33 | 330 | 5 |
| 0430 03 1924 | 19x24 | 311 | 12.5 | 14.2 | 29 | 36.5 | 345 | 5 |
| 0430 03 2022 | 20x22 | 291 | 12.9 | 13.5 | 30.5 | 33 | 330 | 5 |
| 0430 03 2123 | 21x23 | 311 | 13.1 | 14 | 32 | 35 | 410 | 5 |
| 0430 03 2224 | 22x24 | 321 | 13.5 | 14.2 | 33 | 36.5 | 410 | 5 |
| 0430 03 2426 | 24x26 | 331 | 14.2 | 14.6 | 36.5 | 39.5 | 495 | 5 |
| 0430 03 2427 | 24x27 | 331 | 14.2 | 15 | 36.5 | 40.5 | 495 | 5 |
| 0430 03 2430 | 24x30 | 352 | 14.2 | 16.7 | 36.5 | 40 | 530 | 5 |
| 0430 03 2528 | 25x28 | 352 | 14.5 | 15.5 | 38 | 42.5 | 550 | 5 |
| 0430 03 2729 | 27x29 | 371 | 15 | 16.7 | 40.5 | 45 | 660 | 5 |
| 0430 03 2730 | 27x30 | 371 | 15 | 16.7 | 40.5 | 45 | 660 | 5 |
| 0430 03 2732 | 27x32 | 371 | 15 | 16.7 | 40.5 | 47.5 | 660 | 5 |
| 0430 03 3032 | 30x32 | 371 | 16.4 | 16.7 | 45 | 47.5 | 660 | 5 |
| 0430 03 3036 | 30x36 | 402 | 16.4 | 17.5 | 45 | 53 | 880 | 5 |
| 0430 03 3236 | 32x36 | 402 | 16.7 | 17.5 | 47.5 | 53 | 890 | 5 |
| 0430 03 3436 | 34x36 | 420 | 17.1 | 17.5 | 50 | 53 | 1000 | 5 |
| 0430 03 3641 | 36x41 | 438 | 17.5 | 19.5 | 53 | 61 | 1150 | 5 |
| 0430 03 4146 | 41x46 | 485 | 19.5 | 20.5 | 61 | 67.5 | 1430 | 5 |
| 0430 03 4650 | 46x50 | 535 | 20.5 | 22.4 | 67.5 | 73.5 | 1960 | 5 |

ÖZEL SERİLER (adet ve termin süresi isteyiniz)

| | | | | | | | | |
|--------------|-------|-----|------|------|------|------|-----|----|
| 0430 03 1014 | 10x14 | 220 | 7.3 | 9.5 | 15.5 | 21.5 | 120 | 10 |
| 0430 03 1315 | 13x15 | 236 | 9 | 10 | 20 | 23 | 170 | 10 |
| 0430 03 2227 | 22x27 | 331 | 14.2 | 15 | 36.5 | 40.5 | 500 | 5 |
| 0430 03 3034 | 30x34 | 379 | 16.4 | 16.9 | 45 | 50 | 690 | 5 |

0430

Yıldız İki Ağız Anahtar Takımı (mm)
Double Ended Ring Wrench Set (mm)

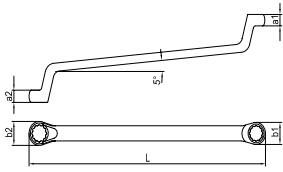


| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|---|------|--------|
| 0430 00 2108 | 6x7 - 8x9 - 10x11 - 12x13 - 14x15 16x17 - 18x19 - 20x22 | 1450 | 8 |
| 0430 00 2112 | 6x7 - 8x9 - 10x11 - 12x13 - 14x15 16x17 - 18x19 - 20x22 - 21x23 24x26 - 25x28 - 27x32 | 3610 | 12 |

Yıldız İki Ağız Anahtar (SAE)
Double Ended Ring Wrench (SAE)

TSEK

2



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

0431

Yıldız İki Ağız Anahtar Takımı (SAE)
Double Ended Ring Wrench, Set (SAE)

TSEK

| KOD CODE | inch | L mm | a1 mm | a2 mm | b1 mm | b2 mm | g | TL/Ad. |
|--------------|-----------------|------|-------|-------|-------|-------|-----|--------|
| 0431 03 0608 | 1/4"x5/16" | 176 | 5.6 | 6 | 10 | 11.5 | 55 | 10 |
| 0431 03 0809 | 5/16"x3/8" | 190 | 6.4 | 6.8 | 13 | 14.5 | 75 | 10 |
| 0431 03 0811 | 5/16"x7/16" | 190 | 6.4 | 7.3 | 13 | 15.5 | 115 | 10 |
| 0431 03 0911 | 3/8"x7/16" | 206 | 7.3 | 7.6 | 15.5 | 17 | 115 | 10 |
| 0431 03 1112 | 7/16"x1/2" | 220 | 8.5 | 9 | 18.5 | 20 | 135 | 10 |
| 0431 03 1214 | 1/2"x9/16" | 220 | 8.5 | 9.5 | 18.5 | 21.5 | 145 | 10 |
| 0431 03 1415 | 9/16"x19/32" | 236 | 9.5 | 10 | 21.5 | 23 | 165 | 10 |
| 0431 03 1416 | 9/16"x5/8" | 236 | 9.5 | 10 | 21.5 | 23 | 165 | 10 |
| 0431 03 1517 | 19/32"x11/16" | 250 | 10.8 | 11.5 | 25 | 26.5 | 210 | 10 |
| 0431 03 1920 | 3/4"x25/32" | 271 | 12 | 12.5 | 27.5 | 29 | 270 | 10 |
| 0431 03 2122 | 13/16"x7/8" | 311 | 13.1 | 14 | 32 | 35 | 400 | 5 |
| 0431 03 2325 | 15/16"x1" | 331 | 14.2 | 14.6 | 36.5 | 39.5 | 495 | 5 |
| 0431 03 2631 | 1 1/16"x1 1/4" | 371 | 15 | 16.7 | 40.5 | 48 | 640 | 5 |
| 0431 03 2833 | 1 1/8"x1 5/16" | 371 | 15 | 16.7 | 40.5 | 48 | 660 | 5 |
| 0431 03 3033 | 1 3/16"x1 5/16" | 371 | 16.4 | 16.7 | 45 | 48 | 670 | 5 |

ÖZEL SERİLER (adet ve termin süresi isteyiniz)

| | | | | | | | | |
|--------------|-----------------|-----|------|------|------|------|------|----|
| 0431 03 1217 | 1/2"x11/16" | 250 | 9 | 10 | 20 | 26.5 | 185 | 10 |
| 0431 03 1417 | 9/16"x11/16" | 250 | 9.5 | 11.5 | 21.5 | 26.5 | 185 | 10 |
| 0431 03 1617 | 5/8"x11/16" | 250 | 10.8 | 11.5 | 25 | 26.5 | 210 | 10 |
| 0431 03 1619 | 5/8"x3/4" | 271 | 11.5 | 12.5 | 26.5 | 29 | 270 | 10 |
| 0431 03 2021 | 25/32"x13/16" | 291 | 12.9 | 13.5 | 30.5 | 33 | 270 | 5 |
| 0431 03 1922 | 3/4"x7/8" | 291 | 12.9 | 13.5 | 30.5 | 33 | 400 | 5 |
| 0431 03 2223 | 7/8"x15/16" | 321 | 13.5 | 14.2 | 33 | 36.5 | 400 | 5 |
| 0431 03 2328 | 15/16"x1 1/8" | 331 | 14.2 | 15 | 36.5 | 40.5 | 500 | 5 |
| 0431 03 2528 | 1"x1 1/8" | 352 | 14.5 | 15.5 | 38 | 42.5 | 570 | 5 |
| 0431 03 3036 | 1 3/16"x1 3/8" | 402 | 16.4 | 17.5 | 45 | 53 | 880 | 5 |
| 0431 03 3236 | 1 1/4"x1 7/16" | 402 | 16.7 | 17.5 | 48 | 53 | 890 | 5 |
| 0431 03 3641 | 1 7/16"x1 5/8" | 438 | 17.5 | 19.5 | 53 | 61 | 1100 | 5 |
| 0431 03 4146 | 1 11/16"x1 7/8" | 485 | 19.5 | 20.5 | 61 | 67.5 | 1390 | 5 |
| 0431 03 4650 | 1 13/16"x2" | 535 | 20.5 | 22.5 | 67.5 | 73.5 | 1955 | 5 |



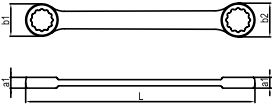
| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|--|------|--------|
| 0431 00 2108 | 1/4"x5/16" - 5/16"x3/8" 7/16"x1/2" - 9/16"x5/8" 19/32"x11/16" 3/4"x25/32" - 13/16"x7/8" 15/16"x1" | 1915 | 8 |
| 0431 00 2112 | 1/4"x5/16" - 5/16"x3/8" 3/8"x7/16" - 7/16"x1/2" 9/16"x5/8" - 19/32"x11/16" 3/4"x25/32" - 13/16"x7/8" 15/16"x1" - 1 1/16"x1 1/4" 1 1/8"x1 5/16" 1 3/16"x1 5/16" | 3985 | 12 |

0440

Düz Yıldız Anahtar (mm)
Flat Ring Wrench (mm)

TSE
TS 3794
TS ISO 10103
DIN 838

2



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | L mm | a1 mm | b1 mm | b2 mm | g | TL/Ad. |
|--------------|-------|------|-------|-------|-------|-----|--------|
| 0440 03 0607 | 6x7 | 99 | 4.4 | 9.5 | 11 | 10 | 10 |
| 0440 03 0809 | 8x9 | 113 | 5.2 | 12.5 | 14 | 25 | 10 |
| 0440 03 1011 | 10x11 | 125 | 6 | 15.5 | 16.5 | 30 | 10 |
| 0440 03 1213 | 12x13 | 140 | 6.8 | 18.5 | 20 | 45 | 10 |
| 0440 03 1415 | 14x15 | 156 | 7.2 | 21 | 22.5 | 60 | 10 |
| 0440 03 1617 | 16x17 | 170 | 8 | 24 | 25 | 80 | 10 |
| 0440 03 1819 | 18x19 | 188 | 8.8 | 26.5 | 27.5 | 105 | 10 |
| 0440 03 2022 | 20x22 | 208 | 9.6 | 29 | 32 | 135 | 10 |
| 0440 03 2123 | 21x23 | 230 | 10.6 | 30 | 33 | 170 | 10 |
| 0440 03 2426 | 24x26 | 256 | 10.8 | 35 | 37.5 | 225 | 10 |
| 0440 03 2528 | 25x28 | 280 | 11.8 | 36 | 40.5 | 270 | 10 |
| 0440 03 2732 | 27x32 | 310 | 12.8 | 38.5 | 45.5 | 355 | 10 |

ÖZEL SERİLER (adet ve termin süresi isteyiniz)

| | | | | | | | |
|--------------|-------|-----|------|------|------|-----|----|
| 0440 03 0810 | 8x10 | 120 | 5.6 | 12.5 | 15.5 | 30 | 10 |
| 0440 03 1013 | 10x13 | 140 | 6.6 | 15.5 | 20 | 45 | 10 |
| 0440 03 1315 | 13x15 | 156 | 7.2 | 20 | 22.5 | 55 | 10 |
| 0440 03 1317 | 13x17 | 170 | 8 | 20 | 25 | 85 | 10 |
| 0440 03 1618 | 16x18 | 188 | 8.6 | 24 | 26.5 | 90 | 10 |
| 0440 03 1719 | 17x19 | 188 | 8.8 | 25 | 27.5 | 105 | 10 |
| 0440 03 2224 | 22x24 | 230 | 10.8 | 32 | 35 | 170 | 10 |
| 0440 03 2427 | 24x27 | 256 | 10.8 | 35 | 38.5 | 225 | 10 |
| 0440 03 2729 | 27x29 | 290 | 12.8 | 38.5 | 42.5 | 285 | 10 |
| 0440 03 3032 | 30x32 | 310 | 12.8 | 43 | 45.5 | 360 | 10 |

0440

Düz Yıldız Anahtar Takımı (mm)
Flat Ring Wrench, Set (mm)

TSE



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|---|------|--------|
| 0440 00 2108 | 6x7 - 8x9 - 10x11 - 12x13 - 14x15 16x17 - 18x19 - 20x22 | 560 | 8 |
| 0440 00 2112 | 6x7 - 8x9 - 10x11 - 12x13 - 14x15 16x17 - 18x19 - 20x22 - 21x23 24x26 - 25x28 - 27x32 | 1540 | 12 |

0435

Süper İzoleli Bir Ağız Yıldız Anahtar (mm)
Single Ended Ring Wrench Super Insulated (mm)

2



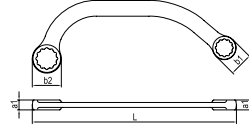
Krom vanadyum, Krom kaplı, Kalın PVC izoleli
Chrom vanadium, Chrom plated, Triple PVC insulated

| KOD CODE | mm | L mm | g | TL/Ad. |
|--------------|----|------|-----|--------|
| 0435 03 0010 | 10 | 170 | 100 | 10 |
| 0435 03 0011 | 11 | 180 | 110 | 10 |
| 0435 03 0012 | 12 | 190 | 130 | 10 |
| 0435 03 0013 | 13 | 200 | 150 | 10 |
| 0435 03 0014 | 14 | 215 | 180 | 10 |
| 0435 03 0017 | 17 | 230 | 220 | 10 |
| 0435 03 0019 | 19 | 245 | 270 | 10 |
| 0435 03 0022 | 22 | 260 | 310 | 10 |
| 0435 03 0024 | 24 | 280 | 420 | 10 |

0530

Yarım Ay Anahtar Yıldız İki Ağız (mm)
Double - Hex Starter and Block Wrench (mm)

TSEK



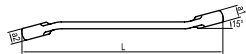
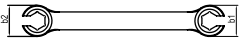
Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | L mm | a1 mm | b1 mm | b2 mm | g | TL/Ad. |
|--------------|-------|------|-------|-------|-------|-----|--------|
| 0530 04 0810 | 8x10 | 120 | 6 | 12.5 | 15.5 | 30 | 10 |
| 0530 04 1011 | 10x11 | 150 | 7 | 17 | 20 | 55 | 10 |
| 0530 04 1012 | 10x12 | 150 | 7 | 17 | 20 | 55 | 10 |
| 0530 04 1113 | 11x13 | 150 | 7 | 17 | 20 | 55 | 10 |
| 0530 04 1315 | 13x15 | 185 | 9 | 21.5 | 26 | 110 | 10 |
| 0530 04 1317 | 13x17 | 185 | 9 | 21.5 | 26 | 105 | 10 |
| 0530 04 1417 | 14x17 | 185 | 9 | 21.5 | 26 | 110 | 10 |
| 0530 04 1517 | 15x17 | 185 | 9 | 21.5 | 26 | 100 | 10 |
| 0530 04 1922 | 19x22 | 230 | 11 | 29 | 33 | 195 | 10 |

0540

Rekor Anahtar (mm)
Flarenut Wrench (mm)

DIN 3118



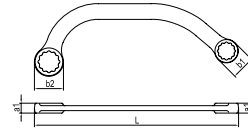
Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | L mm | a1 mm | a2 mm | b1 mm | b2 mm | g | TL/Ad. |
|--------------|-------|------|-------|-------|-------|-------|-----|--------|
| 0540 01 0810 | 8x10 | 130 | 7 | 8.5 | 18 | 20 | 60 | 10 |
| 0540 01 1011 | 10x11 | 150 | 8.5 | 9.3 | 20 | 22 | 75 | 10 |
| 0540 01 1012 | 10x12 | 150 | 8.5 | 9.3 | 20 | 22 | 75 | 10 |
| 0540 01 1113 | 11x13 | 170 | 9.3 | 10.8 | 22 | 25.5 | 105 | 10 |
| 0540 01 1214 | 12x14 | 170 | 9.3 | 10.8 | 22 | 25.5 | 105 | 10 |
| 0540 01 1719 | 17x19 | 210 | 11.8 | 13 | 30.5 | 33.5 | 185 | 10 |
| 0540 01 1922 | 19x22 | 230 | 12.8 | 14.9 | 33.5 | 39.5 | 235 | 10 |

0531

Yarım Ay Anahtar Yıldız İki Ağız (SAE)
Double - Hex Starter and Block Wrench (SAE)

TSEK



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | inch | L mm | a1 mm | b1 mm | b2 mm | g | TL/Ad. |
|--------------|------------|------|-------|-------|-------|-----|--------|
| 0531 04 1112 | 7/16"x1/2" | 150 | 7 | 17 | 20 | 50 | 10 |
| 0531 04 1214 | 1/2"x9/16" | 185 | 9 | 21.5 | 26 | 110 | 10 |
| 0531 04 1416 | 9/16"x5/8" | 185 | 9 | 21.5 | 26 | 115 | 10 |
| 0531 04 1922 | 3/4"x7/8" | 230 | 11 | 29 | 33 | 195 | 10 |

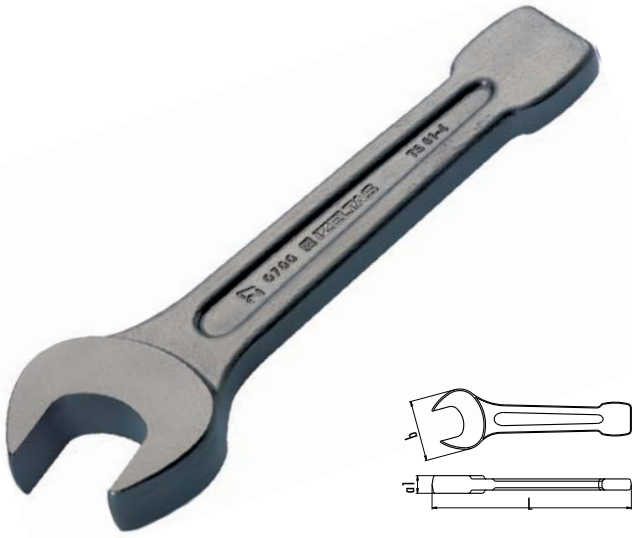
ÖZEL SERİLER (adet ve termin süresi isteyiniz)

| | | | | | | | |
|--------------|--------------|-----|---|------|------|-----|----|
| 0531 04 0809 | 5/16"x3/8" | 120 | 6 | 12.5 | 15.5 | 30 | 10 |
| 0531 04 0911 | 3/8"x7/16" | 150 | 7 | 17 | 20 | 50 | 10 |
| 0531 04 1417 | 9/16"x11/16" | 185 | 9 | 21.5 | 26 | 110 | 10 |
| 0531 04 1517 | 9/32"x11/16" | 185 | 9 | 21.5 | 26 | 105 | 10 |

0700

Çatal Çakma Anahtar (mm) Slugging Open Jaw Wrench (mm)

TS 81
DIN 133



Krom vanadyum
Chrom vanadium

| KOD CODE | Ø mm | L mm | a1 mm | b mm | g | TL/Ad. |
|--------------|------|------|-------|------|-------|--------|
| 0700 05 0024 | 24 | 160 | 15 | 42 | 280 | 1 |
| 0700 05 0027 | 27 | 180 | 16 | 45 | 385 | 1 |
| 0700 05 0030 | 30 | 190 | 17 | 50 | 525 | 1 |
| 0700 05 0032 | 32 | 190 | 17 | 50 | 530 | 1 |
| 0700 05 0036 | 36 | 205 | 19 | 58 | 755 | 1 |
| 0700 05 0038 | 38 | 205 | 19 | 58 | 760 | 1 |
| 0700 05 0041 | 41 | 225 | 20 | 62 | 920 | 1 |
| 0700 05 0042 | 42 | 225 | 20 | 62 | 930 | 1 |
| 0700 05 0046 | 46 | 240 | 22 | 72 | 1305 | 1 |
| 0700 05 0047 | 47 | 240 | 22 | 72 | 1320 | 1 |
| 0700 05 0050 | 50 | 255 | 23 | 78 | 1565 | 1 |
| 0700 05 0055 | 55 | 272 | 25 | 88 | 2305 | 1 |
| 0700 05 0060 | 60 | 272 | 25 | 88 | 2310 | 1 |
| 0700 05 0065 | 65 | 300 | 28 | 98 | 3300 | 1 |
| 0700 05 0070 | 70 | 330 | 32 | 108 | 4555 | 1 |
| 0700 05 0075 | 75 | 330 | 32 | 108 | 4460 | 1 |
| 0700 05 0080 | 80 | 360 | 35 | 126 | 6115 | 1 |
| 0700 05 0085 | 85 | 360 | 35 | 126 | 5740 | 1 |
| 0700 05 0090 | 90 | 390 | 40 | 140 | 8040 | 1 |
| 0700 05 0095 | 95 | 390 | 40 | 140 | 8160 | 1 |
| 0700 05 0100 | 100 | 420 | 44 | 148 | 12355 | 1 |
| 0700 05 0105 | 105 | 420 | 44 | 148 | 11785 | 1 |
| 0700 05 0110 | 110 | 450 | 48 | 166 | 15000 | 1 |
| 0700 05 0115 | 115 | 450 | 48 | 166 | 14830 | 1 |
| 0700 05 0120 | 120 | 490 | 54 | 178 | 18865 | 1 |

ÖZEL SERİLER (adet ve termin süresi isteyiniz)

| | | | | | | |
|--------------|-----|-----|----|-----|-------|---|
| 0700 05 0125 | 125 | 490 | 54 | 178 | 17250 | 1 |
| 0700 05 0130 | 130 | 518 | 59 | 196 | 20000 | 1 |
| 0700 05 0135 | 135 | 518 | 59 | 196 | 19700 | 1 |
| 0700 05 0140 | 140 | 518 | 59 | 196 | 19400 | 1 |
| 0700 05 0145 | 145 | 580 | 62 | 223 | 28000 | 1 |
| 0700 05 0150 | 150 | 580 | 62 | 223 | 27600 | 1 |

0750

Yıldız Çakma Anahtar (mm) Slugging Ring Wrench (mm)

TSE
TS 3794
DIN 7444



Krom vanadyum
Chrom vanadium

| KOD CODE | Ø mm | L mm | a1 mm | b mm | g | TL/Ad. |
|--------------|------|------|-------|------|-------|--------|
| 0750 05 0024 | 24 | 160 | 15 | 42 | 235 | 1 |
| 0750 05 0027 | 27 | 180 | 16 | 46 | 325 | 1 |
| 0750 05 0030 | 30 | 190 | 17 | 52 | 435 | 1 |
| 0750 05 0032 | 32 | 190 | 17 | 52 | 425 | 1 |
| 0750 05 0036 | 36 | 205 | 19 | 59 | 550 | 1 |
| 0750 05 0038 | 38 | 205 | 19 | 59 | 530 | 1 |
| 0750 05 0041 | 41 | 225 | 20 | 64 | 730 | 1 |
| 0750 05 0042 | 42 | 225 | 20 | 64 | 700 | 1 |
| 0750 05 0046 | 46 | 240 | 22 | 73 | 970 | 1 |
| 0750 05 0047 | 47 | 240 | 22 | 73 | 930 | 1 |
| 0750 05 0050 | 50 | 255 | 23 | 78 | 1160 | 1 |
| 0750 05 0055 | 55 | 272 | 25 | 88 | 1520 | 1 |
| 0750 05 0060 | 60 | 272 | 25 | 88 | 1460 | 1 |
| 0750 05 0065 | 65 | 300 | 28 | 100 | 2025 | 1 |
| 0750 05 0070 | 70 | 330 | 32 | 109 | 2890 | 1 |
| 0750 05 0075 | 75 | 330 | 32 | 109 | 2755 | 1 |
| 0750 05 0080 | 80 | 360 | 35 | 123 | 4000 | 1 |
| 0750 05 0085 | 85 | 360 | 35 | 123 | 3620 | 1 |
| 0750 05 0090 | 90 | 390 | 40 | 142 | 5465 | 1 |
| 0750 05 0095 | 95 | 390 | 40 | 142 | 5250 | 1 |
| 0750 05 0100 | 100 | 420 | 44 | 152 | 6755 | 1 |
| 0750 05 0105 | 105 | 420 | 44 | 152 | 6445 | 1 |
| 0750 05 0110 | 110 | 450 | 46 | 165 | 8500 | 1 |
| 0750 05 0115 | 115 | 450 | 46 | 165 | 8460 | 1 |
| 0750 05 0120 | 120 | 490 | 54 | 178 | 10000 | 1 |

ÖZEL SERİLER (adet ve termin süresi isteyiniz)

| | | | | | | |
|--------------|-----|-----|------|-----|-------|---|
| 0750 05 0125 | 125 | 490 | 54 | 178 | 9900 | 1 |
| 0750 05 0130 | 130 | 518 | 59 | 196 | 16000 | 1 |
| 0750 05 0135 | 135 | 518 | 59 | 196 | 15900 | 1 |
| 0750 05 0140 | 140 | 518 | 59 | 196 | 15800 | 1 |
| 0750 05 0145 | 145 | 580 | 61.8 | 223 | 22000 | 1 |
| 0750 05 0150 | 150 | 580 | 61.8 | 223 | 21900 | 1 |
| 0750 05 0155 | 155 | 580 | 61.8 | 223 | 21800 | 1 |
| 0750 05 0160 | 160 | 648 | 67 | 262 | 30100 | 1 |
| 0750 05 0165 | 165 | 648 | 67 | 262 | 30000 | 1 |
| 0750 05 0170 | 170 | 648 | 67 | 262 | 29800 | 1 |
| 0750 05 0180 | 180 | 648 | 67 | 262 | 29700 | 1 |

0550

Boru Uzatmalı Yıldız Anahtar (mm)
Offset Ring Wrench (mm)

2



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | L mm | a1 mm | b mm | øD mm | h mm | g | TL/Ad. |
|--------------|----|------|-------|------|-------|------|------|--------|
| 0550 05 0024 | 24 | 180 | 17 | 37 | 18.5 | 30 | 400 | 1 |
| 0550 05 0027 | 27 | 190 | 18 | 42 | 18.5 | 33 | 450 | 1 |
| 0550 05 0030 | 30 | 200 | 20 | 46 | 18.5 | 34 | 520 | 1 |
| 0550 05 0032 | 32 | 235 | 21.5 | 49 | 21.2 | 37 | 700 | 1 |
| 0550 05 0036 | 36 | 245 | 23 | 53.5 | 21.2 | 42 | 830 | 1 |
| 0550 05 0038 | 38 | 270 | 25 | 60.5 | 21.2 | 42 | 965 | 1 |
| 0550 05 0041 | 41 | 270 | 25 | 60.5 | 21.2 | 43 | 950 | 1 |
| 0550 05 0046 | 46 | 280 | 26 | 68 | 24.2 | 45 | 1240 | 1 |
| 0550 05 0050 | 50 | 290 | 28 | 74 | 24.2 | 47 | 1410 | 1 |
| 0550 05 0055 | 55 | 300 | 30 | 79 | 24.2 | 50 | 1550 | 1 |
| 0550 05 0060 | 60 | 345 | 32 | 89 | 29 | 50.5 | 2390 | 1 |
| 0550 05 0065 | 65 | 355 | 35 | 98 | 29 | 53 | 2730 | 1 |

ÖZEL SERİLER (adet ve termin süresi isteyiniz)

| | | | | | | | | |
|--------------|-----|-----|------|-----|------|------|------|---|
| 0550 05 0022 | 22 | 180 | 17 | 37 | 18.5 | 30 | 400 | 1 |
| 0550 05 0034 | 34 | 235 | 21.5 | 49 | 21.2 | 37 | 750 | 1 |
| 0550 05 0070 | 70 | 365 | 37 | 104 | 29 | 55 | 2900 | 1 |
| 0550 05 0075 | 75 | 375 | 40 | 109 | 29 | 57.5 | 3100 | 1 |
| 0550 05 0080 | 80 | 385 | 43 | 124 | 29 | 59 | 3900 | 1 |
| 0550 05 0085 | 85 | 385 | 43 | 124 | 29 | 59 | 3750 | 1 |
| 0550 05 0090 | 90 | 410 | 46 | 140 | 29 | 63 | 5100 | 1 |
| 0550 05 0095 | 95 | 410 | 46 | 140 | 29 | 63 | 4950 | 1 |
| 0550 05 0100 | 100 | 420 | 46 | 150 | 29 | 65 | 4800 | 1 |

0551

Döndürme Kolu Borusu
Tubular Handle

Dikişsiz Çelik Boru
Seamless Steel Pipe

| KOD CODE | mm | L mm | ø mm | g | TL/Ad. |
|--------------|----------|------|------|------|--------|
| 0551 05 0001 | 22 - 30 | 460 | 19 | 700 | 1 |
| 0551 05 0002 | 32 - 41 | 610 | 22 | 1220 | 1 |
| 0551 05 0003 | 46 - 55 | 760 | 25 | 1880 | 1 |
| 0551 05 0004 | 60 - 100 | 860 | 30 | 2975 | 1 |

0600

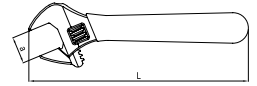
Kurbağacak Anahtar
Adjustable Wrench



TS 3796
DIN 3117



Yedek parça sayfa 164
Spare parts page 164



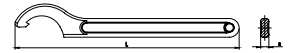
Krom vanadyum, Krom kaplı, PVC izoleli
Chrom vanadium, Chrom plated, PVC insulated

| KOD CODE | L mm | L inch | a mm | g | TL/Ad. |
|--------------|------|--------|------|------|--------|
| 0600 01 1006 | 160 | 6" | 18 | 120 | 5 |
| 0600 01 1008 | 208 | 8" | 23 | 230 | 5 |
| 0600 01 1010 | 260 | 10" | 28 | 400 | 5 |
| 0600 01 1012 | 308 | 12" | 34 | 670 | 5 |
| 0600 01 1015 | 388 | 15" | 43 | 1555 | 1 |

0860

Kanca Anahtar (dörtgen uçlu)
Hook Wrench

TS 3798 • DIN 1810



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | L mm | a1 mm | g | TL/Ad. |
|--------------|--------|------|-------|-----|--------|
| 0860 05 2528 | 25/28 | 136 | 5 | 50 | 10 |
| 0860 05 3032 | 30/32 | 136 | 5 | 50 | 10 |
| 0860 05 3436 | 34/36 | 170 | 6 | 95 | 10 |
| 0860 05 4042 | 40/42 | 170 | 6 | 95 | 10 |
| 0860 05 4550 | 45/50 | 210 | 7 | 160 | 10 |
| 0860 05 5255 | 52/55 | 210 | 7 | 160 | 10 |
| 0860 05 5862 | 58/62 | 242 | 8 | 270 | 5 |
| 0860 05 6875 | 68/75 | 242 | 8 | 270 | 5 |
| 0860 05 8090 | 80/90 | 281 | 9 | 400 | 5 |
| 0860 05 9510 | 95/100 | 281 | 9 | 400 | 5 |

0615

Ayarlı Montaj Anahtarı
Adjustable Speed Wrench

R&D
AR-GE



Yedek parça sayfa 164
Spare parts page 164

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | L inch | a mm | g | TL/Ad. |
|--------------|---------|-----------|---------|-----|--------|
| 0615 01 0200 | 200 | 8" | 6-22 | 220 | 5 |

6 ile 22 mm arası **altı köşe, torx, yive, ribe, kare** gibi farklı geometriye sahip civataları açabilme imkanı sağlar. Anahtarı civata başından tam olarak çıkarmadan açma ve sıkma hareketi olanağı sağlar. Anahtar sapına özel olarak açılmış 10-13-15 mm altı köşe civataları açabilme imkanı sağlar



MCD ÇOK NOKTADAN TEMAS PROFİLİ / MCD MULTI CONTACT DRIVE PROFILE

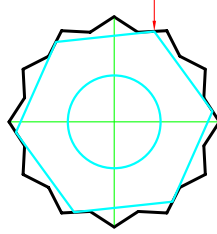


İzeltas Yeni Jenerasyon Yıldız Anahtar Profili

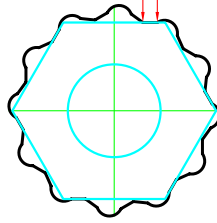
MCD, Multi Contact Drive (çoklu temas), sıkma performansının geliştirilmesi amacıyla dizayn edilmiştir. Bilgisayar destekli titiz çalışmaların sonucunda geliştirilen MCD, klasik 12 köşe anahtardan çok daha kullanışlı, çok daha güçlüdür.

En önemli özelliği, yıldız kafadaki çoklu temas yüzeyleridir. Bu sayede civata ve somunla maksimum temas sağlanır. Böylece basınç tüm köşelere eşit olarak dağılır, temas edilen yüzeylerdeki olası hasarlar önlenir, aletin ömrü uzar.

- Yıldız kafadaki yeni profil, düzenli bir dalga şeklindedir. Güç, civatanın köşelerine değil, yan yüzeylerine etki eder (çoklu temas). Basınç daha dengeli dağıldığından temas edilen yüzeylerde ezilme meydana gelmez.
- Tolerans dışı civatalar için de uygundur.
- Civata başlarının köşelerini ezmez.
- Geniş temas alanı, anahtar ömrünü arttırır.
- Bozuk ve deforme olmuş civataları kolayca açar.



Çoklu Temas / Multi Point Contact



MCD Profil
MCD Profile

IZELTAS New Generation Ring Wrench Profile

MCD (Multi Contact Drive) is designed to improve the driving performance of the ring wrench. MCD, designed through computer aided drafting, transmits more torque and has longer life than conventional 12 edge ring profile.

Multi point contact is the source of effectiveness, where maximum surface area is in touch with fastener flats. Increased contact also maximizes tool's life through decreased pressure on the contact points.

- New profile of the ring wrench is formed of curves. Torque is transmitted through these curves rather than edges. As the stress is balanced between enlarged surfaces, the risk of deformation is minimized.
- It is possible to drive off-tolerance fasteners.
- Does not deform the fastener edges.
- Larger contact area increases tool's life.
- Works well with deformed fasteners.

MONTAJ ANAHTARI / SPEED WRENCH



%100 Daha Hızlı

Yeni tasarlanan montaj anahtarı, 2 kat hızlı cırcır mekanizması mantığına dayanan çalışma prensibinden alır. Kullanım sırasında, montaj anahtarını civatadan ayırmadan döndürme kolaylığı kullanım hızını arttırırken, civata köşelerine sağlam tutunan anahtar profili güvenli ve kaydırmaz kullanım sağlar.

Uzun Ömür

Bu yeni montaj anahtarı profili, civata ve somunlar ile köşelerinden değil düz yüzeyleri üzerinden temas ederek düzenli tork iletimini sağlarken, gerilimin artmasını da engelleyerek anahtar ömrünün uzamasını sağlar.

- Anahtarı civatadan ayırmadan hızlı kullanım.
- Güvenli tork iletimi ve uzun ömür.

100% Faster

New designed speed wrench takes its 100% faster rotational drive from the ratchet mechanism principle. Rotating the tool without the need for removing from the fastener provides faster usage, while enabling safer and slip-free usage with fully gripping upper and lower jaws.

Longer Tool Life

This new speed wrench profile contacts the fasteners from their flats rather than edges, which provides balanced torque transmission and decreases stress accumulation on the edges increasing the tool life considerably.

- Fast drive without removing the wrench from the fastener.
- Firm torque transmission and longer life.

AYARLI MONTAJ ANAHTARI / ADJUSTABLE SPEED WRENCH



6 ile 22 mm arası altı köşe, torx,yive ,ribe, kare gibi farklı geometriye sahip civataları açabilme imkanı sağlar. Anahtarı civata başından tam olarak çıkarmadan açma ve sıkma hareketi olanağı sağlar. Anahtar sapına özel olarak açılmış 10-13-15 mm altı köşe civataları açabilme imkanı sağlar

This tool is used for all different shapes of bolts between 6 and 22 mm. Contact between the tool and bolt is not removed to loosen and tighten the bolt. With the hexagonal holes in the handle, tool also can be used for 10-13-15mm bolts and nuts.

3

Lokma ve Bijon Anahtarları Sockets and Rim Wrenches



Lokma Anahtarlar Socket Wrenches

Lokma Takımları Socket Wrench Sets

Kovan Anahtarlar Tubular Socket Wrenches

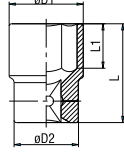
Bijon Anahtarlar Rim Wrenches

Tork Anahtarları Torque Wrenches

1107

1/4" Altı Köşe Lokma Anahtar (mm)
Socket Wrench 6 Points (mm)

TS ISO 2725 -1
DIN 3124



1/4"

Krom vanadyum, Krom kaplı, Polisajlı
Chrom vanadium, Chrom plated, Polished

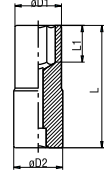
| KOD CODE | mm | ø D1 mm | ø D2 mm | L mm | L1 mm | g | TL/Ad. |
|--------------|-----|---------|---------|------|-------|----|--------|
| 1107 06 0004 | 4 | 6.8 | 11.8 | 24.5 | 4 | 10 | 10 |
| 1107 06 0045 | 4.5 | 7.4 | 11.8 | 24.5 | 5 | 10 | 10 |
| 1107 06 0005 | 5 | 8 | 11.8 | 24.5 | 6 | 10 | 10 |
| 1107 06 0055 | 5.5 | 8.7 | 11.8 | 24.5 | 6 | 10 | 10 |
| 1107 06 0006 | 6 | 9.2 | 11.8 | 24.5 | 7 | 10 | 10 |
| 1107 06 0007 | 7 | 10.3 | 11.8 | 24.5 | 7 | 10 | 10 |
| 1107 06 0008 | 8 | 11.4 | 11.8 | 24.5 | 8 | 10 | 10 |
| 1107 06 0009 | 9 | 12.9 | 12.2 | 24.5 | 8 | 15 | 10 |
| 1107 06 0010 | 10 | 14.3 | 13 | 24.5 | 9 | 20 | 10 |
| 1107 06 0011 | 11 | 15.8 | 14.2 | 24.5 | 9 | 20 | 10 |
| 1107 06 0012 | 12 | 16.8 | 15.5 | 24.5 | 9 | 25 | 10 |
| 1107 06 0013 | 13 | 17.8 | 16.5 | 24.5 | 9 | 30 | 10 |



Havali aletler ile kullanmayınız / Do not use with power-tools

1107

1/4" Altı Köşe Derin Lokma Anahtar (mm)
Deep Socket Wrench 6 Points (mm)



1/4"

Krom vanadyum, Krom kaplı, Polisajlı
Chrom vanadium, Chrom Plated, Polished

| KOD CODE | mm | ø D1 mm | ø D2 mm | L mm | L1 mm | g | TL/Ad. |
|--------------|-----|---------|---------|------|-------|----|--------|
| 1107 06 4004 | 4 | 6.8 | 11.8 | 50 | 6 | 10 | 10 |
| 1107 06 4005 | 5 | 8 | 11.8 | 50 | 7 | 20 | 10 |
| 1107 06 4055 | 5.5 | 8.7 | 11.8 | 50 | 9 | 20 | 10 |
| 1107 06 4006 | 6 | 9.2 | 11.8 | 50 | 9 | 25 | 10 |
| 1107 06 4007 | 7 | 10.3 | 11.8 | 50 | 15 | 25 | 10 |
| 1107 06 4008 | 8 | 11.8 | 11.8 | 50 | 15 | 25 | 10 |
| 1107 06 4009 | 9 | 13 | 13 | 50 | 15 | 30 | 10 |
| 1107 06 4010 | 10 | 14.5 | 14.5 | 50 | 15 | 40 | 10 |
| 1107 06 4011 | 11 | 15.8 | 15.8 | 50 | 21 | 45 | 10 |
| 1107 06 4012 | 12 | 16.8 | 16.8 | 50 | 21 | 50 | 10 |
| 1107 06 4013 | 13 | 17.8 | 17.8 | 50 | 21 | 55 | 10 |

1107

1/4" Derin Lokma Anahtar Takımı (14 parça, mm)
Socket Wrench Set Long Type (14 pcs, mm)



1/4"

| KOD CODE | LOKMA LAR Sockets | AVADANLIKLAR Accessories | g | TL/Ad. |
|--------------|---|--|------|--------|
| 1107 00 6014 | 4-5-5.5-6 7-8-9-10 11-12-13 Altı Köşe Derin Lokma Deep Socket Wrench 6 Points | 1/4" Cırcır Kol Ratchet Handle 1/4" Ara Kol Extension Bar 50 mm 1/4" Ara Kol Extension Bar 100 mm | 1005 | 14 |

1107

1/4" Lokmalı Allen Uç
Hexagonal Bit Socket Wrench



1/4"

Krom vanadyum, Krom Kaplı
Chrom vanadium, Chrom Plated

| KOD CODE | mm | L mm | g | | TL/Ad. |
|--------------|-----|------|----|----|--------|
| 1107 06 1125 | 2.5 | 37 | 13 | 10 | |
| 1107 06 1103 | 3 | 37 | 13 | 10 | |
| 1107 06 1104 | 4 | 37 | 15 | 10 | |
| 1107 06 1105 | 5 | 37 | 15 | 10 | |
| 1107 06 1106 | 6 | 37 | 15 | 10 | |
| 1107 06 1107 | 7 | 37 | 16 | 10 | |
| 1107 06 1108 | 8 | 37 | 17 | 10 | |
| 1107 06 1110 | 10 | 37 | 19 | 10 | |

1107

1/4" Lokmalı Star Delikli (Torx®) Uç
Tamper Resistant Torx Bit Socket Wrench



1/4"

Krom vanadyum, Krom Kaplı
Chrom vanadium, Chrom Plated

| KOD CODE | | L mm | g | | TL/Ad. |
|--------------|------|------|----|----|--------|
| 1107 06 1308 | TR8 | 37 | 13 | 10 | |
| 1107 06 1309 | TR9 | 37 | 13 | 10 | |
| 1107 06 1310 | TR10 | 37 | 13 | 10 | |
| 1107 06 1315 | TR15 | 37 | 14 | 10 | |
| 1107 06 1320 | TR20 | 37 | 14 | 10 | |
| 1107 06 1325 | TR25 | 37 | 14 | 10 | |
| 1107 06 1327 | TR27 | 37 | 14 | 10 | |
| 1107 06 1330 | TR30 | 37 | 15 | 10 | |
| 1107 06 1340 | TR40 | 37 | 16 | 10 | |

1107

1/4" Lokmalı Star (Torx®) Uç
Torx Bit Socket Wrench



1/4"

Krom vanadyum, Krom Kaplı
Chrom vanadium, Chrom Plated

| KOD CODE | | L mm | g | | TL/Ad. |
|--------------|-----|------|----|----|--------|
| 1107 06 1208 | T8 | 37 | 12 | 10 | |
| 1107 06 1209 | T9 | 37 | 12 | 10 | |
| 1107 06 1210 | T10 | 37 | 13 | 10 | |
| 1107 06 1215 | T15 | 37 | 14 | 10 | |
| 1107 06 1220 | T20 | 37 | 14 | 10 | |
| 1107 06 1225 | T25 | 37 | 14 | 10 | |
| 1107 06 1227 | T27 | 37 | 14 | 10 | |
| 1107 06 1230 | T30 | 37 | 15 | 10 | |
| 1107 06 1240 | T40 | 37 | 16 | 10 | |

1107

1/4" Lokma Düz Uç
Slotted Bit Socket Wrench



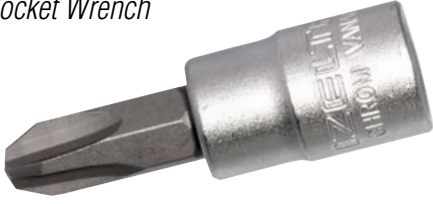
1/4"

Krom vanadyum, Krom Kaplı
Chrom vanadium, Chrom Plated

| KOD CODE | | L mm | g | | TL/Ad. |
|--------------|-----|------|----|----|--------|
| 1107 06 1403 | 3 | 37 | 13 | 10 | |
| 1107 06 1435 | 3.5 | 37 | 14 | 10 | |
| 1107 06 1404 | 4 | 37 | 14 | 10 | |
| 1107 06 1445 | 4.5 | 37 | 14 | 10 | |
| 1107 06 1455 | 5.5 | 37 | 15 | 10 | |
| 1107 06 1465 | 6.5 | 37 | 15 | 10 | |
| 1107 06 1407 | 7 | 37 | 16 | 10 | |
| 1107 06 1408 | 8 | 37 | 16 | 10 | |
| 1107 06 1410 | 10 | 37 | 17 | 10 | |

1107

1/4" Lokmalı Yıldız Uç
Phillips Bit Socket Wrench



1/4"

Krom vanadyum, Krom Kaplı
Chrom vanadium, Chrom Plated

| KOD CODE | + | L mm | g | TL/Ad. |
|--------------|------|------|----|--------|
| 1107 06 1501 | Ph 1 | 37 | 14 | 10 |
| 1107 06 1502 | Ph 2 | 37 | 14 | 10 |
| 1107 06 1503 | Ph 3 | 37 | 15 | 10 |
| 1107 06 1504 | Ph 4 | 37 | 16 | 10 |

1107

1/4" Bits Uçlu Lokma Takımı (42 Parça)
Bit Socket Wrench Set (42 Pcs)



1/4"

| KOD CODE | İÇERİK CONTENTS | TL/Ad. |
|--------------|---|--------|
| 1107 00 1042 | 1/4" Lokmalı Star Torx® Uçlar Torx® Bit Socket T8-T9-T10-T15-T20-T25-T27-T30-T40 | 42 |
| | 1/4" Lokmalı Star Delikli Torx® Uçlar Tamper Resistant Torx® Bit Socket Wrench TR8-TR9-TR10-TR15-TR20-TR25-TR27 TR30-TR40 | |
| | 1/4" Lokmalı Allen Uçlar Hexagonal Bit Socket Wrench 2.5-3-4-5-6-7-8-10 | |
| | 1/4" Lokmalı Düz Uç Slotted Bit Socket Wrench 3-3.5-4-4.5-5.5 6.5-7-8-10 | |
| | 1/4" Lokmalı Yıldız Uç Phillips Bit Socket Wrench Ph1-Ph2-Ph3-Ph4 | |
| | 1/4" Cırcır kolu Ratchet Handle | |
| | 1/4" Ara Kol Extension Bar 100 mm | |
| | 1/4" Lokma Tornavida Adaptörü Spindle Handle | |

1507

1/4" Cırcır Kolu (Plastik Saplı)
Ratchet Wrench (Plastic Handle)

TS ISO 3315



1/4"

Krom vanadyum, Krom kaplı, Polisajlı
Chrom vanadium, Chrom plated, Polished

| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|-----|--------|
| 1507 06 2140 | 195 | 140 | 5 |

1507

1/4" Cırcır Kolu
Ratchet Handle

TS ISO 3315
DIN 3122

1/4"



Krom vanadyum, Krom kaplı, Polisajlı
Chrom vanadium, Chrom plated, Polished

| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|-----|--------|
| 1507 06 0140 | 140 | 140 | 5 |

1507

1/4" Ara Kol
Extension Bar

TS ISO 1174
DIN 3123

1/4"



Krom vanadyum, Krom kaplı, Polisajlı
Chrom vanadium, Chrom plated, Polished

| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|----|--------|
| 1507 06 0050 | 50 | 25 | 5 |
| 1507 06 0100 | 100 | 45 | 5 |

1507

1/4" Mafsal
Universal Joint

TS ISO 1174
DIN 3123

1/4"



Krom vanadyum, Krom kaplı, Polisajlı
Chrom vanadium, Chrom plated, Polished

| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|----|--------|
| 1507 06 0038 | 38 | 25 | 5 |

1507

1/4" T Kol
Sliding T - Handle

TS ISO 3315
DIN 3122



1/4"

Krom vanadyum, Krom kaplı, Polisajlı
Chrom vanadium, Chrom plated, Polished

| KOD CODE | L mm | g | | TL/Ad. |
|--------------|------|----|---|--------|
| 1507 06 4115 | 115 | 45 | 5 | |

1507

1/4" Lokma Adaptörü
Adapter

TS ISO 1174
DIN 3123



1/4"

Krom vanadyum, Krom kaplı, Polisajlı
Chrom vanadium, Chrom plated, Polished

| KOD CODE | inch | g | | TL/Ad. |
|--------------|-------------|----|---|--------|
| 1507 06 0004 | 1/4"Fx3/8"M | 20 | 5 | |

1507

1/4" Derin Lokma Tornavida Adaptörü
Spindle Handle

DIN 3122



1/4"

Krom vanadyum, Krom kaplı, Polisajlı, Selüloz Asetat Saplı
Chrom vanadium, Chrom plated, Polished, Cellulose Acetate Handle

| KOD CODE | L mm | L1 mm | g | | TL/Ad. |
|--------------|------|-------|-----|----|--------|
| 1507 06 4080 | 150 | 65 | 100 | 10 | |

1107

1/4" Karbüratör Lokma Takımı (18 parça, mm)
Socket Wrench Set (18 pcs, mm)



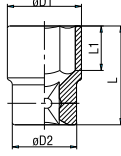
1/4"

| KOD CODE | LOKMARLAR Sockets | AVADANLIKLAR Accessories | g | | TL/Ad. |
|--------------|--|--------------------------------------|-----|----|--------|
| | | 1/4" Cırcır kolu Ratchet Handle | | | |
| | | 1/4" Mafsal Universal Joint | | | |
| | 4 - 5 - 6 7 - 8 - 9 - 10 11 - 12 - 13 Altı Köşe Six Points | 1/4" T Kol Sliding T Handle | | | |
| 1107 00 6018 | | | 960 | 18 | |
| | 8 - 10 Sekiz Köşe Eight Points | 1/4" Ara Kol Extension Bar 50 mm | | | |
| | | 1/4" Ara Kol Extension Bar 100 mm | | | |
| | | 1/4" Mafsalı Kol Flexible Handle | | | |

1110

3/8" Altı Köşe Lokma Anahtar (mm)
Socket Wrench 6 Points (mm)

TS ISO 2725 - 1
DIN 3124



3/8"

Krom vanadyum, Krom kaplı, Polisajlı
Chrom vanadium, Chrom plated, Polished

| KOD CODE | mm | ø D1 mm | ø D2 mm | L mm | L1 mm | g | TL/Ad. |
|--------------|----|---------|---------|------|-------|----|--------|
| 1110 06 0006 | 6 | 9.8 | 17.8 | 27 | 9 | 25 | 10 |
| 1110 06 0007 | 7 | 10.8 | 17.8 | 27 | 9 | 25 | 10 |
| 1110 06 0008 | 8 | 12 | 17.8 | 27 | 9 | 25 | 10 |
| 1110 06 0009 | 9 | 13.2 | 17.8 | 27 | 9 | 25 | 10 |
| 1110 06 0010 | 10 | 14.5 | 17.8 | 27 | 9 | 25 | 10 |
| 1110 06 0011 | 11 | 15.8 | 17.8 | 27 | 9 | 30 | 10 |
| 1110 06 0012 | 12 | 16.8 | 17.8 | 27 | 9 | 30 | 10 |
| 1110 06 0013 | 13 | 17.8 | 16.8 | 27 | 9 | 30 | 10 |
| 1110 06 0014 | 14 | 19.6 | 17.5 | 29 | 11 | 35 | 10 |
| 1110 06 0015 | 15 | 20.8 | 18 | 29 | 11 | 45 | 10 |
| 1110 06 0016 | 16 | 21.8 | 19 | 29 | 11 | 45 | 10 |
| 1110 06 0017 | 17 | 23.4 | 20 | 29 | 11 | 55 | 10 |
| 1110 06 0018 | 18 | 24.7 | 21 | 29 | 13 | 60 | 10 |
| 1110 06 0019 | 19 | 25.8 | 22 | 29 | 13 | 65 | 10 |
| 1110 06 0021 | 21 | 27.8 | 24 | 32 | 13 | 80 | 10 |
| 1110 06 0022 | 22 | 29.7 | 26 | 32 | 15 | 85 | 10 |
| 1110 06 0023 | 23 | 29.7 | 26 | 32 | 15 | 90 | 10 |

1110

3/8" Buji Lokma Anahtar Lastikli
Spark Plug Socket with Rubber

TS ISO 2725 - 1



3/8"

Krom vanadyum, Krom kaplı, Polisajlı
Chrom vanadium, Chrom plated, Polished

| KOD CODE | mm | L mm | g | TL/Ad. |
|--------------|----|------|-----|--------|
| 1110 06 9208 | 21 | 70 | 145 | 10 |

1510

3/8" Cırcır Kolu
Ratchet Handle

TS ISO 3315
DIN 3122



3/8"

Krom vanadyum, Krom kaplı, Polisajlı
Chrom vanadium, Chrom plated, Polished

| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|-----|--------|
| 1510 06 0200 | 200 | 295 | 5 |

1510

3/8" Ara Kol
Extension Bar

TS ISO 1174
DIN 3123



3/8"

Krom vanadyum, Krom kaplı, Polisajlı
Chrom vanadium, Chrom plated, Polished

| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|-----|--------|
| 1510 06 0075 | 75 | 75 | 5 |
| 1510 06 0150 | 150 | 145 | 5 |

1510

3/8" Mafsal
Universal Joint

TS ISO 1174
DIN 3123



3/8"

Krom vanadyum, Krom kaplı, Polisajlı
Chrom vanadium, Chrom plated, Polished

| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|----|--------|
| 1510 06 0056 | 56.5 | 60 | 5 |

1510

3/8" T Kol
Sliding T - Handle

TS ISO 3315
DIN 3122



3/8"

Krom vanadyum, Krom kaplı, Polisajlı
Chrom vanadium, Chrom plated, Polished

| KOD CODE | L mm | g | | TL/Ad. |
|--------------|------|-----|---|--------|
| 1510 06 1200 | 200 | 180 | 5 | |

1510

3/8" Lokma Adaptörü
Adapter

TS ISO 1174
DIN 3123



3/8"

Krom vanadyum, Krom kaplı, Polisajlı
Chrom vanadium, Chrom plated, Polished

| KOD CODE | inch | g | | TL/Ad. |
|--------------|-------------|----|---|--------|
| 1510 06 0007 | 3/8"Fx1/2"M | 45 | 5 | |



1110

3/8" Altı Köşe Lokma Takımı (20 parça, mm)
6 Points Socket Wrench Set (20 Pcs, mm)



3



3/8"

| KOD CODE | LOKMARLAR Sockets | AVADANLIKLAR Accessories | g | | TL/Ad. |
|--------------|---|--|------|----|--------|
| | | 3/8" Cırcır Kolu Ratchet Handle | | | |
| | | 3/8" Mafsal Universal Joint | | | |
| | 6 - 7 - 8 - 9 10 - 11 - 12 13 - 14 - 17 19 - 21 - 23 | 3/8" T Kol Sliding T Handle | | | |
| 1110 00 6020 | Altı Köşe Six Points | | 2500 | 20 | |
| | 20.8 Buji Lokma Lastikli Altı Köşe Spark Plug Socket With Rubber | 3/8" Ara Kol Extension Bar 75 mm | | | |
| | | 3/8" Ara Kol Extension Bar 150 mm | | | |
| | | 3/8" Mafsallı Kol Flexible Handle | | | |

Havali aletler ile kullanmayınız / Do not use with power-tools

1/2" Lokma Anahtar Sehpası (145 Parça)
Display Frame for Sockets (145 Pcs)



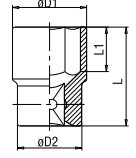
1/2"

3

| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|--|--------|--------|
| | Dolu/Full | | |
| | 10-11-12 13-14-15 16-17-18-19 10 adet /10 Pcs | | |
| 1113 00 6145 | | 18.236 | 1 |
| | 21-22-23 24-26-27 28-30-32 5 Adet / 5 Pcs | | |

1/2" Altı Köşe Lokma Anahtar (mm)
Socket Wrench 6 Points (mm)

TS ISO 2725 -1
DIN 3124



1/2"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

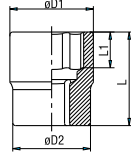
| KOD CODE | mm | a D1 mm | a D2 mm | L mm | L1 mm | g | TL/Ad. |
|--------------|----|---------|---------|------|-------|-----|--------|
| 1113 06 1008 | 8 | 13.2 | 21.8 | 38 | 7 | 55 | 10 |
| 1113 06 1009 | 9 | 14 | 21.8 | 38 | 7 | 55 | 10 |
| 1113 06 1010 | 10 | 15 | 23.3 | 38 | 8 | 55 | 10 |
| 1113 06 1011 | 11 | 16.4 | 23.3 | 38 | 8 | 60 | 10 |
| 1113 06 1012 | 12 | 17.8 | 23.3 | 38 | 9 | 60 | 10 |
| 1113 06 1013 | 13 | 19 | 23.3 | 38 | 10 | 65 | 10 |
| 1113 06 1014 | 14 | 20.4 | 23.3 | 38 | 11 | 65 | 10 |
| 1113 06 1015 | 15 | 21.6 | 23.3 | 38 | 11 | 65 | 10 |
| 1113 06 1016 | 16 | 22.9 | 24 | 38 | 11 | 70 | 10 |
| 1113 06 1017 | 17 | 24 | 22.5 | 38 | 12 | 70 | 10 |
| 1113 06 1018 | 18 | 25.2 | 23 | 38 | 13 | 75 | 10 |
| 1113 06 1019 | 19 | 26.8 | 23 | 38 | 13 | 75 | 10 |
| 1113 06 1020 | 20 | 28 | 23 | 38 | 13 | 80 | 10 |
| 1113 06 1021 | 21 | 29.2 | 23 | 38 | 13 | 85 | 5 |
| 1113 06 1022 | 22 | 30.2 | 24 | 40 | 15 | 95 | 5 |
| 1113 06 1023 | 23 | 31.4 | 25 | 40 | 15 | 100 | 5 |
| 1113 06 1024 | 24 | 32.6 | 26 | 42 | 17 | 115 | 5 |
| 1113 06 1025 | 25 | 34 | 27 | 42 | 17 | 125 | 5 |
| 1113 06 1026 | 26 | 35.3 | 28 | 42 | 17 | 135 | 5 |
| 1113 06 1027 | 27 | 36.6 | 28 | 42 | 19 | 140 | 5 |
| 1113 06 1028 | 28 | 37.8 | 30 | 42 | 20 | 160 | 5 |
| 1113 06 1029 | 29 | 39 | 30 | 44 | 21 | 170 | 5 |
| 1113 06 1030 | 30 | 40 | 29.5 | 44 | 21 | 180 | 5 |
| 1113 06 1032 | 32 | 42.5 | 30 | 44 | 23 | 190 | 5 |



1114

1/2" On İki Köşe Lokma Anahtar (mm) Socket Wrench 12 Points (mm)

TS ISO 2725 - 1
DIN 3124



1/2"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

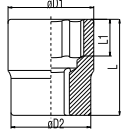
| KOD CODE | Ø mm | ø D1 mm | ø D2 mm | L mm | L1 mm | g | TL/Ad. |
|--------------|------|---------|---------|------|-------|-----|--------|
| 1114 06 1010 | 10 | 15 | 23.3 | 38 | 8 | 60 | 10 |
| 1114 06 1011 | 11 | 16.4 | 23.3 | 38 | 8 | 60 | 10 |
| 1114 06 1012 | 12 | 17.8 | 23.3 | 38 | 9 | 60 | 10 |
| 1114 06 1013 | 13 | 19 | 23.3 | 38 | 10 | 60 | 10 |
| 1114 06 1014 | 14 | 20.4 | 23.3 | 38 | 11 | 60 | 10 |
| 1114 06 1015 | 15 | 21.6 | 23.3 | 38 | 11 | 65 | 10 |
| 1114 06 1016 | 16 | 22.9 | 24 | 38 | 11 | 70 | 10 |
| 1114 06 1017 | 17 | 24 | 22.5 | 38 | 12 | 70 | 10 |
| 1114 06 1018 | 18 | 25.2 | 23 | 38 | 13 | 70 | 10 |
| 1114 06 1019 | 19 | 26.8 | 23 | 38 | 13 | 75 | 10 |
| 1114 06 1020 | 20 | 28 | 23 | 38 | 13 | 80 | 10 |
| 1114 06 1021 | 21 | 29.2 | 23 | 38 | 13 | 80 | 5 |
| 1114 06 1022 | 22 | 30.2 | 24 | 40 | 15 | 95 | 5 |
| 1114 06 1023 | 23 | 31.4 | 25 | 40 | 15 | 100 | 5 |
| 1114 06 1024 | 24 | 32.6 | 26 | 42 | 17 | 105 | 5 |
| 1114 06 1026 | 26 | 35.3 | 28 | 42 | 17 | 135 | 5 |
| 1114 06 1027 | 27 | 36.6 | 28 | 42 | 19 | 135 | 5 |
| 1114 06 1028 | 28 | 37.8 | 30 | 42 | 20 | 155 | 5 |
| 1114 06 1030 | 30 | 40 | 30 | 44 | 21 | 165 | 5 |
| 1114 06 1032 | 32 | 42.5 | 30 | 44 | 23 | 180 | 5 |



Havale aletler ile kullanmayınız / Do not use with power-tools

1413

1/2" On İki Köşe Lokma Anahtar (SAE) Socket Wrench 12 Points (SAE)



1/2"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | Ø inch | ø D1 mm | ø D2 mm | L mm | L1 mm | g | TL/Ad. |
|--------------|---------|---------|---------|------|-------|-----|--------|
| 1413 06 1008 | 5/16" | 13.2 | 21.8 | 37 | 6 | 45 | 10 |
| 1413 06 1095 | 3/8" | 15 | 21.8 | 37 | 8 | 50 | 10 |
| 1413 06 1010 | 7/16" | 16.4 | 23.3 | 37 | 9 | 60 | 10 |
| 1413 06 1011 | 15/32" | 18 | 23.3 | 37 | 9 | 60 | 10 |
| 1413 06 1012 | 1/2" | 19 | 23.3 | 37 | 9 | 60 | 10 |
| 1413 06 1013 | 9/16" | 20.4 | 23.3 | 37 | 11 | 60 | 10 |
| 1413 06 1014 | 19/32" | 21.6 | 23.3 | 37 | 11 | 65 | 10 |
| 1413 06 1015 | 5/8" | 23.1 | 22 | 38 | 11 | 70 | 10 |
| 1413 06 1016 | 11/16" | 24.5 | 22.5 | 38 | 11 | 70 | 10 |
| 1413 06 1017 | 3/4" | 26.8 | 23 | 38 | 13 | 75 | 10 |
| 1413 06 1020 | 25/32" | 28 | 23 | 38 | 13 | 75 | 10 |
| 1413 06 1021 | 13/16" | 28.6 | 23 | 38 | 13 | 80 | 10 |
| 1413 06 1022 | 7/8" | 30.2 | 24 | 40 | 15 | 90 | 5 |
| 1413 06 1024 | 15/16" | 32.6 | 26 | 42 | 17 | 115 | 5 |
| 1413 06 1025 | 1" | 35 | 28 | 42 | 17 | 130 | 5 |
| 1413 06 1027 | 1 1/16" | 36.6 | 28 | 42 | 19 | 135 | 5 |
| 1413 06 1029 | 1 1/8" | 38.8 | 30 | 42 | 19 | 170 | 5 |
| 1413 06 1030 | 1 3/16" | 40 | 29.5 | 44 | 20 | 170 | 5 |
| 1413 06 1032 | 1 1/4" | 42.5 | 30 | 44 | 22 | 185 | 5 |

1113

1/2" Buji Lokma Anahtar (Lastikli) Spark Plug Socket with Rubber



1/2"

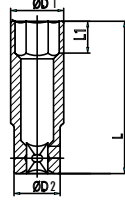
Krom vanadyum, Krom kaplı, Polisajlı
Chrom vanadium, Chrom plated, Polished

| KOD CODE | Ø mm | L mm | g | TL/Ad. |
|--------------|------|------|-----|--------|
| 1113 06 9160 | 16 | 70 | 80 | 10 |
| 1113 06 9208 | 21 | 70 | 155 | 10 |

1108

1/2" Altı Köşe Derin Lokma Anahtar (mm)
Deep Socket Wrench 6 Points (mm)

TS ISO 2725 - 1
DIN 3124



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

1/2"

| KOD CODE | mm | ØD1 mm | ØD2 mm | L mm | L1 mm | g | TL/Ad. |
|--------------|----|--------|--------|------|-------|-----|--------|
| 1108 06 0010 | 10 | 15,5 | 24 | 75 | 6 | 110 | 10 |
| 1108 06 0011 | 11 | 16,7 | 24 | 75 | 7 | 110 | 10 |
| 1108 06 0012 | 12 | 18 | 24 | 75 | 8 | 110 | 10 |
| 1108 06 0013 | 13 | 19,2 | 24 | 75 | 8 | 120 | 10 |
| 1108 06 0014 | 14 | 20,5 | 24 | 75 | 10 | 120 | 10 |
| 1108 06 0015 | 15 | 21,7 | 24 | 75 | 10 | 140 | 10 |
| 1108 06 0016 | 16 | 23 | 25,5 | 75 | 10 | 140 | 10 |
| 1108 06 0017 | 17 | 24,2 | 25,5 | 75 | 10 | 140 | 10 |
| 1108 06 0018 | 18 | 25,5 | 25,5 | 75 | 12 | 150 | 10 |
| 1108 06 0019 | 19 | 26,7 | 26,7 | 75 | 12 | 150 | 10 |

1108

1/2" Altı Köşe Derin Lokma Anahtar Takımı (10 parça mm)
Deep Socket Set (10 pcs. mm)

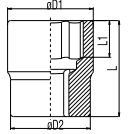


1/2"

| KOD CODE | L mm | g | TL/Ad. |
|--------------|----------------------------------|------|--------|
| 1108 00 6010 | 10-11-12-13-14-15 16-17-18-19 | 1290 | 10 |

1113

1/2" Star Lokma Anahtar
Star Socket



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated



1/2"

| KOD CODE | mm | Ø D1 mm | Ø D2 mm | L mm | L1 mm | g | TL/Ad. |
|--------------|-----|---------|---------|------|-------|----|--------|
| 1113 06 0210 | E10 | 13.2 | 23.8 | 37 | 7.5 | 60 | 10 |
| 1113 06 0212 | E12 | 15 | 23.8 | 37 | 9 | 65 | 10 |
| 1113 06 0214 | E14 | 16.4 | 23.8 | 37 | 10 | 65 | 10 |
| 1113 06 0216 | E16 | 18.8 | 23.8 | 37 | 11 | 70 | 10 |
| 1113 06 0218 | E18 | 20.5 | 23.8 | 39 | 12.5 | 75 | 10 |
| 1113 06 0220 | E20 | 23 | 23.8 | 39 | 14 | 75 | 10 |

1113

1/2" Star (Torx®) Lokma Anahtar Takımı (7 Parça)
Star Torx® Socket Wrench Set (7 Pcs)



1/2"

| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|---|------|--------|
| 1113 00 6007 | Star Lokma / Star Socket E10 - E12 - E14 - E16 - E18 - E20 125 mm ara kol / Extension Bar | 1075 | 7 |

1113

1/2" Lokmalı Allen Uç
Hexagonal Bit Socket Wrench



1/2"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | L mm | g | | TL/Ad. |
|--------------|----|------|-----|----|--------|
| 1113 06 1105 | 5 | 60 | 70 | 10 | |
| 1113 06 1106 | 6 | 60 | 70 | 10 | |
| 1113 06 1107 | 7 | 60 | 75 | 10 | |
| 1113 06 1108 | 8 | 60 | 75 | 10 | |
| 1113 06 1110 | 10 | 60 | 85 | 10 | |
| 1113 06 1112 | 12 | 60 | 100 | 10 | |
| 1113 06 1114 | 14 | 60 | 115 | 10 | |
| 1113 06 4105 | 5 | 100 | 90 | 10 | |
| 1113 06 4106 | 6 | 100 | 90 | 10 | |
| 1113 06 4107 | 7 | 100 | 90 | 10 | |
| 1113 06 4108 | 8 | 100 | 95 | 10 | |
| 1113 06 4110 | 10 | 100 | 105 | 10 | |
| 1113 06 4112 | 12 | 100 | 145 | 10 | |
| 1113 06 4114 | 14 | 100 | 155 | 10 | |
| 1113 06 4117 | 17 | 100 | 200 | 10 | |

1113

1/2" Lokmalı Star (Torx®) Uç
Star (Torx) Bit Socket Wrench



1/2"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | ★ | L mm | g | | TL/Ad. |
|--------------|-----|------|-----|----|--------|
| 1113 06 1220 | T20 | 60 | 70 | 10 | |
| 1113 06 1225 | T25 | 60 | 70 | 10 | |
| 1113 06 1227 | T27 | 60 | 70 | 10 | |
| 1113 06 1230 | T30 | 60 | 70 | 10 | |
| 1113 06 1240 | T40 | 60 | 70 | 10 | |
| 1113 06 1245 | T45 | 60 | 70 | 10 | |
| 1113 06 1250 | T50 | 60 | 75 | 10 | |
| 1113 06 1255 | T55 | 60 | 80 | 10 | |
| 1113 06 1260 | T60 | 60 | 100 | 10 | |
| 1113 06 4220 | T20 | 100 | 78 | 10 | |
| 1113 06 4225 | T25 | 100 | 79 | 10 | |
| 1113 06 4227 | T27 | 100 | 80 | 10 | |
| 1113 06 4230 | T30 | 100 | 80 | 10 | |
| 1113 06 4240 | T40 | 100 | 80 | 10 | |
| 1113 06 4245 | T45 | 100 | 82 | 10 | |
| 1113 06 4250 | T50 | 100 | 82 | 10 | |
| 1113 06 4255 | T55 | 100 | 100 | 10 | |
| 1113 06 4260 | T60 | 100 | 134 | 10 | |

3

1113

1/2" Lokmalı Allen Uç Takımı (60 mm, 7 Parça)
Hexagonal Bits Socket Wrench Set (60 mm, 7 Pcs)

YENİ
NEW



1/2"

| KOD CODE | İÇERİK CONTENTS | g | | TL/Ad. |
|--------------|---|------|---|--------|
| 1113 00 1107 | Allen Uçlar 60mm Hex Bit Socket 5-6-7-8-10-12-14 | 1040 | 7 | |

1113

1/2" Lokmalı Torx® Uç Takımı (60 mm, 9 parça)
Torx® Bits Socket Wrench Set (60 mm, 9 Pcs)

YENİ
NEW



1/2"

| KOD CODE | İÇERİK CONTENTS | g | | TL/Ad. |
|--------------|---|------|---|--------|
| 1113 00 6009 | Torx® Uçlar 60mm Star Socket T20 - T25 - T27 - T30 - T40 - T45 T50 - T55 - T60 | 1125 | 9 | |

1113

1/2" Lokmalı Allen Uç ve Star (Torx)® Uç Takımı (17 Parça)
Hex Bit Sockets - Torx Bit Sockets Set (17 Pcs)

3



1/2"



| KOD CODE | İÇERİK CONTENTS | TL/Ad. |
|--------------|---|--------|
| 1113 00 6017 | <p>T Kol (1/2") Sliding T Handle 5 - 6 - 7 - 8 - 10 - 12 - 14</p> <p>Lokmalı Allen Uç 60mm Hex Bit Socket</p> <p>T20 - T25 - T27 T30 - T40</p> <p>Lokmalı Torx Allen Uç 60mm Torx Bit Socket</p> | 17 |

1114

1/2" On İki Köşe Lokmalı Bits Uç Yivli
Hex Bit Socket 12 Points



1/2"



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | İÇERİK CONTENTS | L mm | g | TL/Ad. |
|--------------|-----------------|------|-----|--------|
| 1114 06 4005 | M5 | 60 | 60 | 10 |
| 1114 06 4006 | M6 | 60 | 62 | 10 |
| 1114 06 4008 | M8 | 60 | 62 | 10 |
| 1114 06 4010 | M10 | 60 | 78 | 10 |
| 1114 06 4012 | M12 | 60 | 84 | 10 |
| 1114 06 4106 | M6 | 80 | 69 | 10 |
| 1114 06 4108 | M8 | 80 | 70 | 10 |
| 1114 06 4110 | M10 | 80 | 84 | 10 |
| 1114 06 4112 | M12 | 80 | 103 | 10 |
| 1114 06 4114 | M14 | 80 | 133 | 10 |
| 1114 06 4208 | M8 | 140 | 96 | 10 |
| 1114 06 4210 | M10 | 140 | 125 | 10 |
| 1114 06 4212 | M12 | 140 | 161 | 10 |
| 1114 06 4214 | M14 | 140 | 210 | 10 |
| 1114 06 4216 | M16 | 140 | 281 | 10 |

1114

1/2" Lokmalı (Ribe) Bits Uç
Socket Wrench 6 Points



1/2"



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | İÇERİK CONTENTS | L mm | g | TL/Ad. |
|--------------|-----------------|------|-----|--------|
| 1114 06 5004 | 4 | 100 | 75 | 10 |
| 1114 06 5005 | 5 | 100 | 76 | 10 |
| 1114 06 5006 | 6 | 100 | 76 | 10 |
| 1114 06 5007 | 7 | 100 | 77 | 10 |
| 1114 06 5008 | 8 | 100 | 78 | 10 |
| 1114 06 5009 | 9 | 100 | 85 | 10 |
| 1114 06 5010 | 10 | 100 | 96 | 10 |
| 1114 06 5011 | 10.5 | 100 | 96 | 10 |
| 1114 06 5012 | 12 | 100 | 121 | 10 |
| 1114 06 5013 | 13 | 100 | 148 | 10 |
| 1114 06 5014 | 14 | 100 | 150 | 10 |
| 1114 06 5016 | 16 | 100 | 198 | 10 |



Havali aletler ile kullanmayınız / Do not use with power-tools

1513

1/2" Cırcır Kolu (32 Diş)
Ratchet Handle



TS ISO 3315
DIN3122



1/2"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | g | | TL/Ad. |
|--------------|------|-----|---|--------|
| 1513 06 0032 | 250 | 580 | 5 | |

1513

1/2" Cırcır Kolu (72 Diş)
Max Gear Ratchet Handle

TS ISO 3315



1/2"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | g | | TL/Ad. |
|--------------|------|-----|---|--------|
| 1513 06 0072 | 250 | 460 | 5 | |

1513

1/2" Ara Kol
Extension Bar

TS ISO 1174
DIN 3123



1/2"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | g | | TL/Ad. |
|--------------|------|-----|---|--------|
| 1513 06 4075 | 75 | 140 | 5 | |
| 1513 06 4125 | 125 | 215 | 5 | |
| 1513 06 4250 | 250 | 420 | 5 | |

1513

1/2" T Kol Adaptörü
Adapter



1/2"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | g | | TL/Ad. |
|--------------|------|----|---|--------|
| 1513 06 5250 | 40 | 90 | 5 | |

1513

1/2" T Kol
Sliding T - Handle

TS ISO 3315
DIN 3122



1/2"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | g | | TL/Ad. |
|--------------|------|-----|---|--------|
| 1513 06 2250 | 250 | 355 | 5 | |

1513

1/2" Mafsal
Universal Joint

TS ISO 1174
DIN 3123



1/2"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | g | | TL/Ad. |
|--------------|------|-----|---|--------|
| 1513 06 4070 | 70 | 140 | 5 | |

1513

1/2" Lokma Adaptörü
Adapter

TS ISO 1174
DIN 3123



1/2"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | inch | g | | TL/Ad. |
|--------------|-------------|-----|---|--------|
| 1513 06 0002 | 1/2"Fx3/8"M | 55 | 5 | |
| 1513 06 0003 | 1/2"Fx3/4"M | 115 | 5 | |

1113

1/2" Altı Köşe Lokma Anahtar Takımı (17 Parça, mm)
Socket Wrench Set 6 Points (17 pcs, mm)

3



1/2"



| KOD CODE | LOKMALAR Sockets | AVADANLIKLAR Accessories | g | TL/Ad. |
|--------------|--|---|------|--------|
| 1113 00 2017 | | 1/2" Cırcır Kolu Ratchet Handle | 2880 | 17 |
| | | 1/2" T Kol Adaptör Sliding T Handle Adapter | | |
| | 10 - 11 - 12 13 - 14 - 15 17 - 19 - 22 24 - 27 - 30 32 | 1/2" Mafsal Universal Joint | | |
| | | 1/2" Ara Kol Extension Bar 250 mm | | |

1113

1/2" Altı Köşe Lokma Anahtar Takımı (24 Parça, mm)
Socket Wrench Set 6 Points (24 pcs, mm)



1/2"



| KOD CODE | LOKMALAR Sockets | AVADANLIKLAR Accessories | g | TL/Ad. |
|--------------|--|---|------|--------|
| 1113 00 2024 | | 1/2" Cırcır Kolu Ratchet Handle | 3650 | 24 |
| | | 1/2" Mafsal Universal Joint | | |
| | 10 - 11 - 12 13 - 14 - 15 16 - 17 - 18 19 - 21 - 22 23 - 24 - 26 27 - 28 - 30 32 | 1/2" T Kol Adaptör Sliding T Handle Adapter | | |
| | | 1/2" Ara Kol Extension Bar 125 mm | | |
| | | 1/2" Ara Kol Extension Bar 250 mm | | |

1114

1/2" On İki Köşe Lokma Anahtar Takımı (24 Parça, mm)
Socket Wrench Set 12 Points (24 pcs, mm)



1/2"



| KOD CODE | LOKMALAR Sockets | AVADANLIKLAR Accessories | g | TL/Ad. |
|--------------|--|---|------|--------|
| 1114 00 6024 | | 1/2" Cırcır Kolu Ratchet Handle | 4150 | 24 |
| | | 1/2" Mafsal Universal Joint | | |
| | 10 - 11 - 12 13 - 14 - 15 16 - 17 - 18 19 - 21 - 22 23 - 24 - 26 27 - 28 - 30 32 | 1/2" T Kol Adaptör Sliding T Handle Adapter | | |
| | | 1/2" Ara Kol Extension Bar 125 mm | | |
| | | 1/2" Ara Kol Extension Bar 250 mm | | |

1413

1/2" On İki Köşe Lokma Anahtar Takımı (24 parça, SAE)
Socket Wrench Set 12 Points (24 pcs, SAE)



1/2"

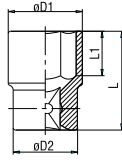


| KOD CODE | LOKMALAR Sockets | AVADANLIKLAR Accessories | g | TL/Ad. |
|--------------|---|---|------|--------|
| 1413 00 6024 | | 1/2" Cırcır Kolu Ratchet Handle | 4150 | 24 |
| | | 1/2" Mafsal Universal Joint | | |
| | 5/16" - 3/8" 7/16" - 15/32" 1/2" - 9/16" 19/32" - 5/8" 11/16" - 3/4" 25/32" - 13/16" 7/8" - 15/16" 1" - 1 1/16" 1 1/8" - 1 3/16" 1 1/4" | 1/2" T Kol Adaptör Sliding T Handle Adapter | | |
| | | 1/2" Ara Kol Extension Bar 125 mm | | |
| | | 1/2" Ara Kol Extension Bar 250 mm | | |

1119

3/4" Altı Köşe Lokma Anahtar (mm)
Socket Wrench 6 Points (mm)

TS ISO 2725 - 1
DIN 3124



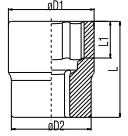
3/4"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | Ø D1 mm | Ø D2 mm | L mm | L1 mm | g | TL/Ad. |
|--------------|----|---------|---------|------|-------|------|--------|
| 1119 06 1022 | 22 | 33 | 36 | 52 | 16 | 225 | 5 |
| 1119 06 1024 | 24 | 35 | 36 | 52 | 16 | 230 | 5 |
| 1119 06 1027 | 27 | 38 | 36 | 52 | 19 | 235 | 5 |
| 1119 06 1030 | 30 | 42 | 38 | 54 | 21 | 300 | 5 |
| 1119 06 1032 | 32 | 44 | 38 | 56 | 23 | 320 | 5 |
| 1119 06 1034 | 34 | 47 | 42 | 58 | 24 | 400 | 5 |
| 1119 06 1036 | 36 | 50 | 42 | 58 | 25 | 440 | 5 |
| 1119 06 1038 | 38 | 52 | 45 | 60 | 27 | 500 | 5 |
| 1119 06 1041 | 41 | 56 | 45 | 64 | 29 | 580 | 1 |
| 1119 06 1046 | 46 | 62 | 48 | 68 | 33 | 730 | 1 |
| 1119 06 1050 | 50 | 68 | 48 | 72 | 34 | 885 | 1 |
| 1119 06 1055 | 55 | 76 | 48 | 76 | 37 | 1070 | 1 |
| 1119 06 1060 | 60 | 80 | 48 | 78 | 38 | 1170 | 1 |

1419

3/4" On İki Köşe Lokma Anahtar (SAE)
Socket Wrench 12 Points (SAE)



3/4"

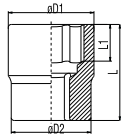
Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | inch | Ø D1 mm | Ø D2 mm | L mm | L1 mm | g | TL/Ad. |
|--------------|----------|---------|---------|------|-------|-----|--------|
| 1419 06 1022 | 7/8" | 33 | 36 | 52 | 16 | 220 | 5 |
| 1419 06 1024 | 15/16" | 35 | 36 | 52 | 16 | 220 | 5 |
| 1419 06 1025 | 1" | 35 | 36 | 52 | 17 | 220 | 5 |
| 1419 06 1027 | 1 1/16" | 38 | 36 | 52 | 19 | 225 | 5 |
| 1419 06 1028 | 1 1/8" | 40 | 38 | 52 | 19 | 225 | 5 |
| 1419 06 1032 | 1 1/4" | 44 | 38 | 56 | 23 | 315 | 5 |
| 1419 06 1033 | 1 5/16" | 46 | 38 | 56 | 23 | 355 | 5 |
| 1419 06 1035 | 1 3/8" | 48 | 42 | 58 | 25 | 400 | 5 |
| 1419 06 1036 | 1 7/16" | 50 | 42 | 58 | 25 | 425 | 5 |
| 1419 06 1038 | 1 1/2" | 52 | 45 | 60 | 27 | 475 | 5 |
| 1419 06 1041 | 1 5/8" | 56 | 45 | 64 | 29 | 555 | 1 |
| 1419 06 1044 | 1 3/4" | 60 | 47 | 66 | 31 | 660 | 1 |
| 1419 06 1046 | 1 13/16" | 62 | 47 | 68 | 34 | 685 | 1 |
| 1419 06 1047 | 1 7/8" | 64 | 48 | 70 | 34 | 730 | 1 |
| 1419 06 1050 | 2" | 68 | 48 | 72 | 34 | 805 | 1 |

1120

3/4" On İki Köşe Lokma Anahtar (mm)
Socket Wrench 12 Points (mm)

TS ISO 2725 - 1
DIN 3124



3/4"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | Ø D1 mm | Ø D2 mm | L mm | L1 mm | g | TL/Ad. |
|--------------|----|---------|---------|------|-------|-----|--------|
| 1120 06 1022 | 22 | 33 | 36 | 52 | 16 | 220 | 5 |
| 1120 06 1024 | 24 | 35 | 36 | 52 | 17 | 225 | 5 |
| 1120 06 1027 | 27 | 38 | 36 | 52 | 19 | 225 | 5 |
| 1120 06 1030 | 30 | 42 | 38 | 54 | 21 | 285 | 5 |
| 1120 06 1032 | 32 | 44 | 38 | 56 | 23 | 310 | 5 |
| 1120 06 1034 | 34 | 47 | 42 | 57 | 24 | 385 | 5 |
| 1120 06 1036 | 36 | 50 | 42 | 58 | 25 | 435 | 5 |
| 1120 06 1041 | 41 | 56 | 45 | 64 | 29 | 560 | 1 |
| 1120 06 1046 | 46 | 62 | 47 | 68 | 34 | 685 | 1 |
| 1120 06 1050 | 50 | 68 | 48 | 72 | 34 | 840 | 1 |

1519

3/4" Cırcır Kolu
Ratchet Handle

TS ISO 3315
DIN 3122



3/4"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|------|--------|
| 1519 06 4510 | 510 | 2230 | 5 |

1519

3/4" Ara Kol
Extension Bar

TS ISO 1174
DIN 3123



3/4"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|------|--------|
| 1519 06 4200 | 200 | 730 | 5 |
| 1519 06 4400 | 400 | 1370 | 5 |

1519

3/4" T Kol
Sliding T - Handle

TS ISO 3315
DIN 3122



3/4"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | g | | TL/Ad. |
|--------------|------|------|---|--------|
| 1519 06 4500 | 500 | 1485 | 5 | |

1519

3/4" Lokma Adaptörü
Adapter

TS ISO 1174
DIN 3123



3/4"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | inch | g | | TL/Ad. |
|--------------|-------------|-----|---|--------|
| 1519 06 0008 | 3/4"Fx1/2"M | 140 | 5 | |
| 1519 06 0001 | 3/4"Fx1"M | 300 | 5 | |

1119

3/4" Altı Köşe Lokma Anahtar Takımı (14 parça, mm)
Socket Wrench Set 6 Points (14 pcs, mm)



3/4"

| KOD CODE | LOKMALAR Sockets | AVADANLIKLAR Accessories | g | | TL/Ad. |
|--------------|------------------|--------------------------------------|-------|----|--------|
| 1119 00 6114 | | 3/4" Cırcır Kolu Ratchet Handle | 10180 | 14 | |
| | 22 - 24 - 27 | 3/4" T Kol Sliding T Handle | | | |
| | 30 - 32 - 34 | 3/4" Ara Kol Extension Bar 200 mm | | | |
| | 36 - 41 - 46 | 3/4" Ara Kol Extension Bar 400 mm | | | |
| | 50 | | | | |

1120

3/4" On İki Köşe Lokma Anahtar Takımı (14 parça, mm)
Socket Wrench Set 12 Points (14 pcs, mm)



3/4"

| KOD CODE | LOKMALAR Sockets | AVADANLIKLAR Accessories | g | | TL/Ad. |
|--------------|------------------|--------------------------------------|-------|----|--------|
| 1120 00 6014 | | 3/4" Cırcır Kolu Ratchet Handle | 13700 | 14 | |
| | 22 - 24 - 27 | 3/4" T Kol Sliding T Handle | | | |
| | 30 - 32 - 34 | 3/4" Ara Kol Extension Bar 200 mm | | | |
| | 36 - 41 - 46 | 3/4" Ara Kol Extension Bar 400 mm | | | |
| | 50 | | | | |

1419

3/4" On İki Köşe Lokma Takımı (14 parça, SAE)
Socket Wrench Set 12 Points (14 pcs, SAE)



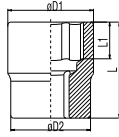
3/4"

| KOD CODE | LOKMALAR Sockets | AVADANLIKLAR Accessories | g | | TL/Ad. |
|--------------|------------------|--------------------------------------|-------|----|--------|
| 1419 00 6114 | | 3/4" Cırcır Kolu Ratchet Handle | 10180 | 14 | |
| | 15/16" - 1 1/6" | 3/4" T Kol Sliding T Handle | | | |
| | 1 1/8" - 1 1/4" | 3/4" Ara Kol Extension Bar 200 mm | | | |
| | 1 5/16" | 3/4" Ara Kol Extension Bar 400 mm | | | |
| | 1 3/8" | | | | |
| | 1 1/2" - 1 5/8" | | | | |

1225

1" On İki Köşe Lokma Anahtar (mm)
Socket Wrench 12 Points (mm)

DIN 3124



1"

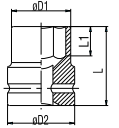
Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | Ø D1 mm | Ø D2 mm | L mm | L1 mm | g | TL/Ad. |
|--------------|----|---------|---------|------|-------|------|--------|
| 1225 06 0036 | 36 | 52 | 48 | 65 | 26 | 525 | 1 |
| 1225 06 0041 | 41 | 58 | 50 | 70 | 29 | 665 | 1 |
| 1225 06 0046 | 46 | 65 | 54 | 75 | 32 | 900 | 1 |
| 1225 06 0050 | 50 | 70 | 57 | 75 | 34 | 1040 | 1 |
| 1225 06 0055 | 55 | 76 | 57 | 83 | 42 | 1250 | 1 |
| 1225 06 0060 | 60 | 82 | 60 | 87 | 46 | 1505 | 1 |

1525

1" Lokma Adaptörü
Adapter

TS ISO 1174
DIN 3123



1"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | inch | g | TL/Ad. |
|--------------|-----------|-----|--------|
| 1525 06 0005 | 1"Fx3/4"M | 330 | 5 |

1113

1/2" Alaşımli Jant Lokma Takımı (3 Parca, mm)
Combination Lug Nut Socket Set (3 Pcs, mm)



1/2"

| KOD CODE | LOKIMALAR Sockets | g | TL/Ad. |
|--------------|-------------------|-----|--------|
| 1113 00 9003 | 17-19-21 | 800 | 3 |

1113

1/2" Altı Köşe Havalı Lokma Anahtar (mm)
Impact Socket Wrench 6 Points (mm)



1/2"

Krom molibden, Fosfat kaplamalı
Chrom molybdenum, Phosphate finish

| KOD CODE | mm | Ø D1 mm | Ø D2 mm | L mm | L1 mm | g | TL/Ad. |
|--------------|----|---------|---------|------|-------|-----|--------|
| 1113 06 7010 | 10 | 17 | 25 | 38 | 8 | 70 | 10 |
| 1113 06 7011 | 11 | 18 | 25 | 38 | 8 | 70 | 10 |
| 1113 06 7012 | 12 | 19 | 25 | 38 | 9 | 70 | 10 |
| 1113 06 7013 | 13 | 20 | 25 | 38 | 10 | 70 | 10 |
| 1113 06 7014 | 14 | 22 | 25 | 38 | 10 | 75 | 10 |
| 1113 06 7015 | 15 | 23 | 30 | 38 | 11 | 110 | 10 |
| 1113 06 7016 | 16 | 24 | 30 | 38 | 11 | 110 | 10 |
| 1113 06 7017 | 17 | 26 | 30 | 38 | 12 | 115 | 10 |
| 1113 06 7018 | 18 | 27 | 30 | 38 | 13 | 115 | 10 |
| 1113 06 7019 | 19 | 28 | 30 | 38 | 13 | 120 | 10 |
| 1113 06 7021 | 21 | 30 | 30 | 40 | 14 | 125 | 5 |
| 1113 06 7022 | 22 | 32 | 30 | 40 | 14 | 145 | 5 |
| 1113 06 7024 | 24 | 34 | 30 | 42 | 15 | 150 | 5 |
| 1113 06 7027 | 27 | 38 | 30 | 44 | 16 | 175 | 5 |

1108

1/2" Altı Köşe Havalı Derin Lokma Anahtar (mm)
6 Point Impact Socket Wrench, Long Type (mm)

YENİ
NEW

3



1/2"

Krom molibden, Fosfat kaplamalı
Chrom molybdenum, Phosphate finish

| KOD CODE | mm | L mm | g | TL/Ad. |
|--------------|----|------|-----|--------|
| 1108 06 7010 | 10 | 80 | 136 | 10 |
| 1108 06 7011 | 11 | 80 | 144 | 10 |
| 1108 06 7012 | 12 | 80 | 157 | 10 |
| 1108 06 7013 | 13 | 80 | 157 | 10 |
| 1108 06 7014 | 14 | 80 | 172 | 10 |
| 1108 06 7015 | 15 | 80 | 223 | 10 |
| 1108 06 7016 | 16 | 80 | 230 | 10 |
| 1108 06 7017 | 17 | 80 | 240 | 10 |
| 1108 06 7018 | 18 | 80 | 255 | 10 |
| 1108 06 7019 | 19 | 80 | 236 | 10 |
| 1108 06 7021 | 21 | 80 | 240 | 10 |
| 1108 06 7022 | 22 | 80 | 296 | 5 |
| 1108 06 7024 | 24 | 80 | 308 | 5 |
| 1108 06 7027 | 27 | 80 | 356 | 5 |
| 1108 06 7030 | 30 | 80 | 416 | 5 |
| 1108 06 7032 | 32 | 80 | 510 | 5 |

1513

1/2" Havalı Lokma Adaptörü
Impact Socket Adapter



1/2"

Krom molibden, Fosfat kaplamalı
Chrom molybdenum, Phosphate finish

| KOD CODE | inch | g | TL/Ad. |
|--------------|-------------|-----|--------|
| 1513 06 7002 | 1/2"Fx3/8"M | 95 | 5 |
| 1513 06 7003 | 1/2"Fx3/4"M | 175 | 5 |

1513

1/2" Havalı Lokma Mafsalı
Impact Socket Universal Joint



1/2"

Krom molibden, Fosfat kaplamalı
Chrom molybdenum, Phosphate finish

| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|-----|--------|
| 1513 06 7075 | 75 | 220 | 5 |

1513

1/2" Havalı Lokma Ara Kol
Impact Socket Extension Bar



1/2"

Krom molibden, Fosfat kaplamalı
Chrom molybdenum, Phosphate finish

| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|-----|--------|
| 1513 06 7125 | 125 | 275 | 5 |

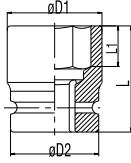


1119

3/4" Altı Köşe Havalı Lokma Anahtar (mm)
Impact Socket Wrench 6 Points (mm)



3/4"



Krom molibden, Fosfat kaplamalı
Chrom molybdenum, Phosphate finish

| KOD CODE | mm | Ø D1 mm | Ø D2 mm | L mm | L1 mm | g | TL/Ad. |
|--------------|----|---------|---------|------|-------|-----|--------|
| 1119 06 7019 | 19 | 32 | 44 | 50 | 13 | 330 | 5 |
| 1119 06 7021 | 21 | 35 | 44 | 50 | 15 | 340 | 5 |
| 1119 06 7022 | 22 | 36 | 44 | 50 | 15 | 345 | 5 |
| 1119 06 7024 | 24 | 38 | 44 | 50 | 16 | 350 | 5 |
| 1119 06 7027 | 27 | 42 | 44 | 53 | 17 | 380 | 5 |
| 1119 06 7030 | 30 | 46 | 44 | 53 | 20 | 410 | 1 |
| 1119 06 7032 | 32 | 48 | 44 | 57 | 20 | 460 | 1 |
| 1119 06 7034 | 34 | 51 | 44 | 57 | 22 | 490 | 1 |
| 1119 06 7036 | 36 | 53 | 44 | 57 | 22 | 520 | 1 |
| 1119 06 7041 | 41 | 59 | 44 | 58 | 24 | 580 | 1 |
| 1119 06 7046 | 46 | 66 | 44 | 62 | 24 | 715 | 1 |

1519

3/4" Havalı Lokma Ara Kol
Impact Socket Extension Bar



3/4"

Krom molibden, Fosfat kaplamalı
Chrom molybdenum, Phosphate finish

| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|------|--------|
| 1519 06 7175 | 175 | 865 | 5 |
| 1519 06 7250 | 250 | 1155 | 5 |
| 1519 06 7330 | 330 | 1425 | 5 |

1519

3/4" Havalı Lokma Mafsal
Impact Socket Universal Joint



3/4"

Krom molibden, Fosfat kaplamalı
Chrom molybdenum, Phosphate finish

| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|-----|--------|
| 1519 06 7108 | 108 | 735 | 5 |

1519

3/4" Havalı Lokma Adaptörü
Impact Socket Adapter



3/4"

Krom molibden, Fosfat kaplamalı
Chrom molybdenum, Phosphate finish

| KOD CODE | inch | g | TL/Ad. |
|--------------|--------------|-----|--------|
| 1519 06 7011 | 3/4"Fx1/2" M | 315 | 5 |

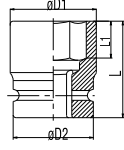


1125

1" Altı Köşe Havalı Lokma Anahtar (mm)
Impact Socket Wrench 6 Points (mm)



1"



Krom molibden, Fosfat kaplamalı
Chrom molybdenum, Phosphate finish

| KOD CODE | mm | Ø D1 mm | Ø D2 mm | L mm | L1 mm | g | TL/Ad. |
|--------------|----|---------|---------|------|-------|------|--------|
| 1125 06 7024 | 24 | 41 | 54 | 58 | 17 | 560 | 1 |
| 1125 06 7027 | 27 | 44 | 54 | 58 | 19 | 565 | 1 |
| 1125 06 7030 | 30 | 48 | 54 | 60 | 21 | 605 | 1 |
| 1125 06 7032 | 32 | 51 | 54 | 62 | 21 | 650 | 1 |
| 1125 06 7033 | 33 | 52 | 54 | 62 | 21 | 660 | 1 |
| 1125 06 7034 | 34 | 53 | 54 | 62 | 24 | 765 | 1 |
| 1125 06 7036 | 36 | 56 | 54 | 65 | 24 | 720 | 1 |
| 1125 06 7038 | 38 | 58 | 54 | 65 | 26 | 735 | 1 |
| 1125 06 7041 | 41 | 61 | 54 | 70 | 28 | 845 | 1 |
| 1125 06 7046 | 46 | 68 | 54 | 75 | 30 | 1075 | 1 |
| 1125 06 7050 | 50 | 73 | 54 | 75 | 32 | 1170 | 1 |
| 1125 06 7055 | 55 | 79 | 54 | 83 | 37 | 1435 | 1 |
| 1125 06 7060 | 60 | 86 | 54 | 87 | 37 | 1760 | 1 |

1525

1" Havalı Lokma Ara Kol
Impact Socket Extension Bar

1"



Krom molibden, Fosfat kaplamalı
Chrom molybdenum, Phosphate finish

| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|------|--------|
| 1525 06 7175 | 175 | 1395 | 5 |
| 1525 06 7250 | 250 | 1890 | 5 |
| 1525 06 7330 | 330 | 2455 | 5 |

1525

1" Havalı Lokma Mafsal
Impact Socket Universal Joint

1"

Krom molibden, Fosfat kaplamalı
Chrom molybdenum, Phosphate finish



| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|------|--------|
| 1525 06 7128 | 128 | 1530 | 1 |

1525

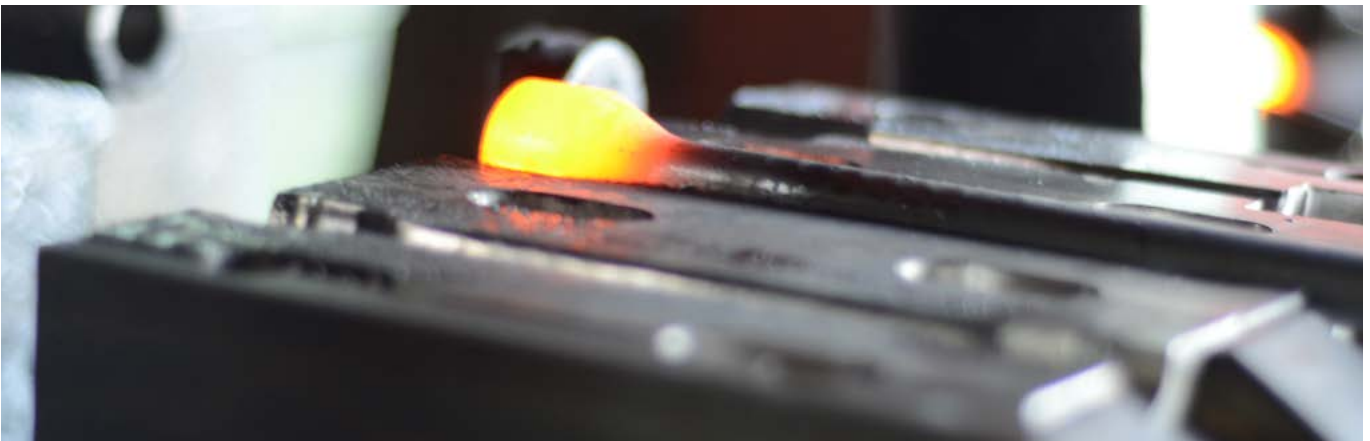
1" Havalı Lokma Adaptörü
Impact Socket Adapter

1"

Krom molibden, Fosfat kaplamalı
Chrom molybdenum, Phosphate finish



| KOD CODE | inch | g | TL/Ad. |
|--------------|-----------|-----|--------|
| 1525 06 7015 | 1"Fx3/4"M | 560 | 5 |



1800

Kovan Anahtar İki Ağzı (mm) Double Ended Tubular Socket Wrench (mm)

TS ISO 3793
DIN 896
TSE



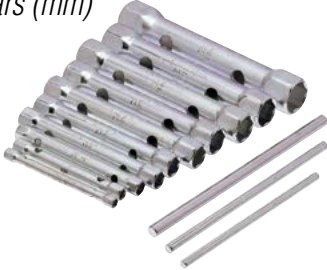
Dikişsiz çelik boru, Çinko kaplı
Seamless steel tube, Zinc plated

| KOD CODE | mm | L mm | AA1 mm | AA2 mm | H1 mm | H2 mm | g | TL/Ad. |
|--------------|-------|------|--------|--------|-------|-------|-----|--------|
| 1800 07 0607 | 6x7 | 105 | 8.6 | 9.6 | 7 | 8 | 25 | 5 |
| 1800 07 0809 | 8x9 | 105 | 11.2 | 12.2 | 9 | 10 | 35 | 5 |
| 1800 07 1011 | 10x11 | 120 | 13.6 | 14.6 | 11 | 11.5 | 55 | 5 |
| 1800 07 1213 | 12x13 | 135 | 16 | 17 | 12 | 12.5 | 80 | 5 |
| 1800 07 1415 | 14x15 | 135 | 18.5 | 19.5 | 13 | 13.5 | 110 | 5 |
| 1800 07 1617 | 16x17 | 150 | 21 | 22 | 14 | 14.5 | 150 | 5 |
| 1800 07 1819 | 18x19 | 150 | 23 | 24 | 15 | 15.5 | 170 | 5 |
| 1800 07 2022 | 20x22 | 165 | 25.4 | 27.4 | 16 | 18 | 220 | 5 |
| 1800 07 2224 | 22x24 | 180 | 27.4 | 29.4 | 18 | 20 | 330 | 5 |
| 1800 07 2427 | 24x27 | 180 | 30.4 | 33.4 | 20 | 23 | 400 | 5 |

1800

Kovan Anahtar Takımı İki Ağzı (mil dahil, mm) Double Ended Tubular Socket Wrench Set with Tommy Bars (mm)

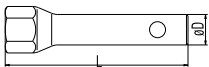
TSE



| KOD CODE | mm | g | TL/Ad. |
|--------------|---|-----|--------|
| 1800 00 2108 | 6x7 - 8x9 - 10x11 12x13 - 14x15 - 16x17 18x19 - 20x22 Mil/Handle Bars 5x125-8x180 mm | 920 | 8 |

1841

Kovan Anahtar Bir Ağzı (mil dahil) Single Ended Tubular Socket Wrench with Tommy Bar



Dikişsiz çelik boru, Çinko kaplı
Seamless steel tube, Zinc plated

| KOD CODE | mm | | L mm | σD mm | Mil Handle bar mm | g | TL/Ad. |
|--------------|----|--------|------|-------|-------------------|-----|--------|
| | mm | inch | | | | | |
| 1841 07 0021 | 21 | 13/16" | 120 | 20 | 10x120 | 215 | 5 |

1850

Kovan Anahtar Mili Tommy Bar

TS ISO 3793
DIN 900

| KOD CODE | σDxL mm | g | TL/Ad. |
|--------------|---------|-----|--------|
| 1850 07 5125 | 5x125 | 20 | 10 |
| 1850 07 8180 | 8x180 | 70 | 10 |
| 1850 07 1120 | 10x120 | 75 | 10 |
| 1850 07 1200 | 10x200 | 120 | 10 |

1870

Ağır Tip Bijon Anahtarı İki Ağzı Uzun Double Ended Rim Wrench (long)

TSEK

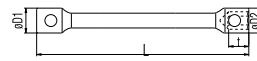


Yüksek alaşımlı çelik, Nikel kaplı
Special steel, Nickel plated

| KOD CODE | mm | L mm | t mm | σD1 mm | σD2 mm | g | TL/Ad. |
|--------------|-------|------|------|--------|--------|------|--------|
| 1870 09 2427 | 24x27 | 400 | 34.5 | 36 | 40 | 1135 | 10 |
| 1870 09 2730 | 27x30 | 400 | 34.5 | 40 | 44 | 1380 | 10 |
| 1870 09 2732 | 27x32 | 400 | 34.5 | 40 | 46 | 1380 | 10 |
| 1870 09 3032 | 30x32 | 400 | 34.5 | 44 | 46 | 1380 | 10 |
| 1870 09 3233 | 32x33 | 400 | 34.5 | 46 | 47 | 1450 | 10 |

1874

Ağır Tip Bijon Anahtarı İki Ağzı Kısa Double Ended Rim Wrench (short)



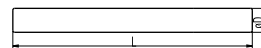
Yüksek alaşımlı çelik, Nikel kaplı
Special steel, Nickel plated

| KOD CODE | mm | L mm | t mm | σD1 mm | σD2 mm | g | TL/Ad. |
|--------------|-------|------|------|--------|--------|-----|--------|
| 1874 09 2224 | 22x24 | 170 | 34.5 | 34 | 36 | 720 | 10 |
| 1874 09 2427 | 24x27 | 200 | 34.5 | 36 | 40 | 800 | 10 |

1850

Bijon Anahtar Mili Tommy Bar

TS ISO 3793
DIN 900

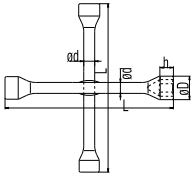
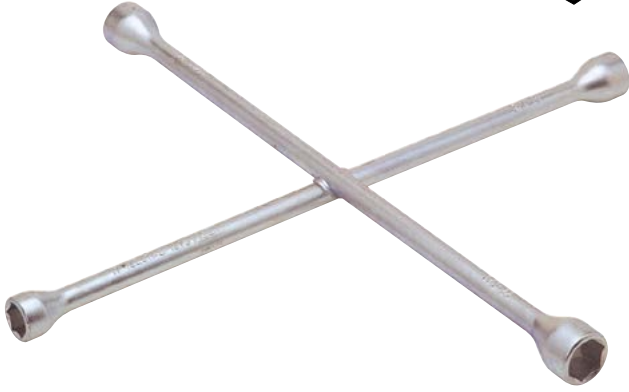


| KOD CODE | σDxL mm | g | TL/Ad. |
|--------------|---------|------|--------|
| 1850 09 1630 | 18x630 | 1260 | 1 |

1975

Bijon Anahtarı İstavroz Tipi
Cross Rim Wrench

TS ISO 6788



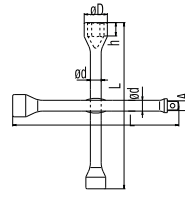
Yüksek alaşımlı çelik, Krom kaplı
Special steel, Chrom plated

| KOD CODE | mm | inch | øD mm | h mm | L mm | ød mm | g | TL/Ad. |
|--------------|----|--------|-------|------|------|-------|------|--------|
| 1975 09 1719 | 17 | 11/16" | 28 | 12 | 420 | 16 | 1422 | 10 |
| | 19 | 3/4" | 30 | 14 | | | | |
| | 21 | 13/16" | 32 | 16 | | | | |
| | 22 | 7/8" | 34 | 17 | | | | |

1975

1/2" Adaptörlü Bijon Anahtarı İstavroz Tipi
Cross Rim Wrench (with 1/2" adapter)

TS ISO 6788



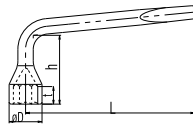
Yüksek alaşımlı çelik, Krom kaplı
Special steel, Chrom plated

| KOD CODE | mm | inch | øD mm | h mm | L mm | A mm | ød mm | g | TL/Ad. |
|--------------|----|--------|-------|------|------|-------|-------|------|--------|
| 1975 09 1322 | 17 | 11/16" | 28 | 12 | 420 | 12.65 | 16 | 1375 | 10 |
| | 19 | 3/4" | 30 | 14 | | | | | |
| | 22 | 7/8" | 34 | 17 | | | | | |
| | | 1/2" | | | | | | | |

1940

Bijon Anahtarı Pipo Tipi (Tornavida Ağızlı)
Offset Socket Wrench with Screwdriver

TSEK



Yüksek alaşımlı çelik, Krom kaplı
Special steel, Chrom plated

| KOD CODE | mm | inch | L mm | øD mm | h mm | t mm | g | TL/Ad. |
|--------------|----|--------|------|-------|------|------|-----|--------|
| 1940 09 0019 | 19 | 3/4" | 285 | 28 | 65 | 14 | 470 | 10 |
| 1940 09 0021 | 21 | 13/16" | 320 | 30 | 85 | 16 | 575 | 10 |



1855

Mafsallı T Kol Lokma
T - Handle Wrench with Universal Joint



1840

1/2" Mafsallı T Kol
Swivel Handle With Sliding T 1/2"



3

Özel alaşım çelik, Krom kaplı
Special steel, Chrom plated

Özel alaşım çelik, Krom kaplı
Special steel, Chrom plated

| KOD CODE | mm | L mm | g | TL/Ad. |
|--------------|----|------|-----|--------|
| 1855 08 0008 | 8 | 400 | 225 | 10 |
| 1855 08 0010 | 10 | 450 | 405 | 10 |
| 1855 08 0012 | 12 | 450 | 410 | 10 |
| 1855 08 0013 | 13 | 450 | 425 | 10 |
| 1855 08 0017 | 17 | 500 | 485 | 10 |
| 1855 08 0019 | 19 | 510 | 895 | 10 |

| KOD CODE | mm | L mm | g | TL/Ad. |
|--------------|------|------|-----|--------|
| 1840 08 0500 | 1/2" | 500 | 740 | 10 |



1610

3/8" Tork Anahtarı
Torque Wrench

TS EN ISO 6789-1
TS EN ISO 6789-2



3/8"

| KOD CODE | ÖLÇÜ SIZE | g | TL/Ad. |
|--------------|----------------------------|-----|--------|
| 1610 06 0100 | 2.5 - 11 Nm - 0.3 - 1.2 Kg | 515 | 1 |
| 1610 06 0300 | 5 - 33 Nm - 0.5 - 3.4 Kg | 640 | 1 |

1613

1/2" Tork Anahtarı
Torque Wrench

TS EN ISO 6789-1
TS EN ISO 6789-2



1/2"

| KOD CODE | ÖLÇÜ SIZE | g | TL/Ad. |
|--------------|-------------------------|------|--------|
| 1613 06 1200 | 25 - 135 Nm - 3 - 14 Kg | 1430 | 1 |
| 1613 06 2000 | 50 - 225 Nm - 5 - 23 Kg | 2165 | 1 |
| 1613 06 3000 | 70 - 330 Nm - 7 - 35 Kg | 2870 | 1 |

1619

3/4" Tork Anahtarı
Torque Wrench

TS EN ISO 6789-1
TS EN ISO 6789-2



3/4"

| KOD CODE | ÖLÇÜ SIZE | g | TL/Ad. |
|--------------|-----------------------|------|--------|
| 1619 06 2080 | 200 - 800 Nm-22-82 kg | 8860 | 1 |

1607

1/4" Cıvırlı Tork Anahtar
Torque Wrench With Reversible Ratchet-Head

TS EN ISO 6789-1
TS EN ISO 6789-2



1/4"

| KOD CODE | ÖLÇÜ SIZE | g | TL/Ad. |
|--------------|-----------|-----|--------|
| 1607 06 0420 | 4 - 20 Nm | 640 | 1 |

1610

3/8" Cıvırlı Tork Anahtar
Torque Wrench With Reversible Ratchet-Head

TS EN ISO 6789-1
TS EN ISO 6789-2



3/8"

| KOD CODE | ÖLÇÜ SIZE | g | TL/Ad. |
|--------------|------------|------|--------|
| 1610 06 2010 | 20 -100 Nm | 1300 | 1 |

1613

1/2" Cıvırlı Tork Anahtar
Torque Wrench With Reversible Ratchet-Head

TS EN ISO 6789-1
TS EN ISO 6789-2



1/2"

| KOD CODE | ÖLÇÜ SIZE | g | TL/Ad. |
|--------------|-----------|------|--------|
| 1613 06 4020 | 40- 200Nm | 1590 | 1 |
| 1613 06 6034 | 60- 340Nm | 1810 | 1 |

1619

3/4" Cıvırlı Tork Anahtar
Torque Wrench With Reversible Ratchet-Head

TS EN ISO 6789-1
TS EN ISO 6789-2



3/4"

| KOD CODE | ÖLÇÜ SIZE | Diş Sayısı Gear Teeth | L mm | g | TL/Ad. |
|--------------|------------|-----------------------|------|------|--------|
| 1619 06 1060 | 100-600 Nm | 24 | 1048 | 5600 | 1 |

4

Boru Anahtarları ve Penseler Pipe Wrenches and Pliers



- Boru Anahtarları* Pipe Wrenches
- Fort Penseler* Water Pump Pliers
- Ayarlı Penseler* Grip Wrenches
- Penseler* Pliers
- Uzun Kargaburunlar* Long Nose Pliers
- Kerpetenler* Carpenter Pincers
- Elektronikçi Penseler* Electronic Pliers

2100

Stilson Boru Anahtarı
Pipe Wrench, Stilson



TS 3796



4

Yedek parça sayfa 164
Spare parts page 164

Krom vanadyum, Dişler indüksiyonda sertleştirilmiş, Elektrostatik boyanmış
Chrom vanadium, Teeth induction hardened, Electrostatically painted

| KOD CODE | L mm | L inch | mm | ÖLÇÜ SIZE Inch | g | TL/Ad. |
|--------------|------|--------|----|----------------|------|--------|
| 2100 10 0008 | 200 | 8" | 27 | 3/4" | 280 | 1 |
| 2100 10 0010 | 250 | 10" | 34 | 1" | 550 | 1 |
| 2100 10 0012 | 300 | 12" | 42 | 1 1/4" | 725 | 1 |
| 2100 10 0014 | 350 | 14" | 50 | 1 1/2" | 1030 | 1 |
| 2100 10 0018 | 450 | 18" | 60 | 2" | 1775 | 1 |
| 2100 10 0024 | 600 | 24" | 76 | 2 1/2" | 2775 | 1 |

2110

Ağır Tip Boru Anahtarı
Pipe Wrench, Heavy Duty



Yedek parça sayfa 164
Spare parts page 164

Krom vanadyum, Dişler indüksiyonda sertleştirilmiş, Elektrostatik boyanmış
Chrom vanadium, Teeth induction hardened, Electrostatically painted

| KOD CODE | L mm | L inch | mm | ÖLÇÜ SIZE Inch | g | TL/Ad. |
|--------------|------|--------|-----|----------------|-------|--------|
| 2110 10 0008 | 200 | 8" | 34 | 1" | 425 | 1 |
| 2110 10 0010 | 250 | 10" | 42 | 1 1/4" | 795 | 1 |
| 2110 10 0012 | 300 | 12" | 50 | 1 1/2" | 1245 | 1 |
| 2110 10 0014 | 350 | 14" | 60 | 2" | 1710 | 1 |
| 2110 10 0018 | 450 | 18" | 75 | 2 1/2" | 2685 | 1 |
| 2110 10 0024 | 600 | 24" | 90 | 3" | 4370 | 1 |
| 2110 10 0036 | 900 | 36" | 140 | 5" | 7600 | 1 |
| 2110 10 0048 | 1200 | 48" | 165 | 6" | 15600 | 1 |

2201

Maşalı Boru Anahtarı (85°)
Pipe Wrench (85°)



TS 3796
DIN 5234



Yedek parça sayfa 164
Spare parts page 164

Krom vanadyum, Dişler indüksiyonda sertleştirilmiş, Elektrostatik boyanmış
Chrom vanadium, Teeth induction hardened, Electrostatically painted

| KOD CODE | L mm | mm | ÖLÇÜ SIZE Inch | g | TL/Ad. |
|--------------|------|-----|----------------|------|--------|
| 2201 10 0010 | 325 | 40 | 1" | 870 | 1 |
| 2201 10 0015 | 430 | 60 | 1 1/2" | 1585 | 1 |
| 2201 10 0020 | 585 | 70 | 2" | 2700 | 1 |
| 2201 10 0030 | 690 | 100 | 3" | 4270 | 1 |
| 2201 10 0040 | 760 | 130 | 4" | 5800 | 1 |

2400

Üniversal Fort Pense
Waterpump Pliers Universal



TS 60 TS ISO 8976
DIN ISO 8976



Krom vanadyum, Krom kaplı, PVC izoleli
Chrom vanadium, Chrom plated, PVC insulated

| KOD CODE | L mm | L inch | mm | g | TL/Ad. |
|--------------|------|---------|----|-----|--------|
| 2400 11 0160 | 160 | 6 1/4" | 30 | 125 | 5 |
| 2400 11 0240 | 240 | 9 1/2" | 35 | 355 | 5 |
| 2400 11 0315 | 315 | 12 1/2" | 40 | 530 | 5 |

2400

1000V İzoleli Üniversal Fort Pense
Insulated Type Waterpump
Pliers Universal 1000V



TS 60
TS ISO 8976



Krom vanadyum, Krom kaplı, çift komponent saplı
Chrom vanadium, Chrom plated, Two component handle

| KOD CODE | L mm | L inch | mm | g | TL/Ad. |
|--------------|------|--------|----|-----|--------|
| 2400 11 6240 | 240 | 9 1/2" | 35 | 370 | 5 |

2500

Üniversal Ayarlı Pense
Universal Grip



Çeneler krom vanadyum çeliğinden dövülmüştür, Nikel kaplama,
Kullanım sahası: Yuvarlak ve düz malzemeler
Jaws Chrom vanadium forged, Nickel plated
Application field : Flat and round materials

| KOD CODE | L mm | L inch | mm | g | TL/Ad. |
|--------------|------|--------|----|-----|--------|
| 2500 11 0250 | 250 | 10" | 30 | 560 | 5 |

2415

Yaylı Fort Pense
Waterpump Pliers With Spring



Krom vanadyum, Karartma, PVC izoleli
Chrom vanadium, Black finish, PVC insulated

| KOD CODE | L mm | L inch | mm | g | TL/Ad. |
|--------------|------|--------|----|-----|--------|
| 2415 11 0240 | 240 | 6 1/4" | 30 | 365 | 5 |

2505

Standart Ayarlı Pense
Standard Grip



Çeneler krom vanadyum çeliğinden dövülmüştür, Nikel kaplama
Kullanım sahası: Düz malzemeler
Jaws, Chrom vanadium forged, Nickel plated
Application field: Flat materials

| KOD CODE | L mm | L inch | mm | g | TL/Ad. |
|--------------|------|--------|----|-----|--------|
| 2505 11 0250 | 250 | 10" | 30 | 535 | 5 |

2510

Spesiyal Ayarlı Pense
Special Grip



Çeneler krom vanadyum çeliğinden dövülmüştür, Nikel kaplama,
Kullanım sahası: Yuvarlak ve düz malzemeler
Jaws Chrom vanadium forged, Nickel plated
Application field: Flat and round materials

| KOD CODE | L mm | L inch | mm | g | TL/Ad. |
|--------------|---------|-----------|----|-----|--------|
| 2510 11 0250 | 250 | 10" | 30 | 550 | 5 |

2511

C tipi Ayarlı Pense
Clamp Grip C-type



Çeneler krom vanadyum çeliğinden dövülmüştür, Nikel kaplama,
Kullanım sahası: Ağılı profillerin tutulmasında
Jaws Chrom vanadium forged, Nickel plated
Application field: For Gripping angled sheet metal

| KOD CODE | L mm | L inch | mm | g | TL/Ad. |
|--------------|---------|-----------|----|-----|--------|
| 2511 11 0280 | 280 | 11" | 70 | 700 | 1 |

2512

Kaynakçı Ayarlı Pense (Düz Ağız)
Lock Grip With Flat Jaws



Özel alaşımli çelikten imal edilmiş, Nikel kaplama,
Kullanım sahası: 80 mm düz çeneleri ile kıvrık metal levhaları
Made from special alloy steel, Nickel plated, Application field:
Gripping sheet metals with 80 mm Flat jaws

| KOD CODE | L mm | L inch | mm | g | TL/Ad. |
|--------------|---------|-----------|----|-----|--------|
| 2512 11 0200 | 200 | 8" | 30 | 485 | 1 |

2513

Kaynakçı Ayarlı Pense (Boru İçin)
Grip For Tubes



Özel alaşımli çelikten imal edilmiş, Nikel kaplama,
Kullanım sahası: Boru malzemeler
Made from special alloy steel, Nickel plated, Application field: Tubes

| KOD CODE | L mm | L inch | mm | g | TL/Ad. |
|--------------|---------|-----------|----|-----|--------|
| 2513 11 0280 | 280 | 11" | 50 | 800 | 1 |

2515

Kaportacı Ayarlı Pense
Welding Grip



Özel alaşımli çelikten imal edilmiş- Nikel kaplama,
Kullanım sahası: Yassı ve köşeli malzemelerde
Made from special alloy steel, Nickel plated
Application field : Angled corners and edges

| KOD CODE | L mm | L inch | mm | g | TL/Ad. |
|--------------|---------|-----------|----|-----|--------|
| 2515 11 0270 | 270 | 10 5/8" | 50 | 765 | 1 |

3020

Kombine Pense Opak Seri Combination Pliers

TS 60
TS ISO 5746
DIN ISO 5746



Özel alaşımli çelik, Kesici ağızlar indüksiyonda sertleştirilmiş
Special steel, Cutters induction hardened

| KOD CODE | L mm | L inch | MODEL | g | TL/Ad. |
|--------------|------|--------|-------|-----|--------|
| 3020 12 2160 | 160 | 6 1/4" | OPAK | 205 | 5 |
| 3020 12 2180 | 180 | 7 1/8" | OPAK | 275 | 5 |
| 3020 12 2200 | 200 | 8" | OPAK | 315 | 5 |

3020

Kombine Pense Kraft Seri Combination Pliers

TS 60
TS ISO 5746
DIN ISO 5746



Özel alaşımli çelik, Kesici ağızlar indüksiyonda sertleştirilmiş
Special steel, Cutters induction hardened

| KOD CODE | L mm | L inch | MODEL | g | TL/Ad. |
|--------------|------|--------|-------|-----|--------|
| 3020 12 3160 | 160 | 6 1/4" | KRAFT | 225 | 5 |
| 3020 12 3180 | 180 | 7 1/8" | KRAFT | 285 | 5 |
| 3020 12 3200 | 200 | 8" | KRAFT | 380 | 5 |

3020

Kombine Pense Ergonomik Seri Combination Pliers

TS 60
TS ISO 5746
DIN ISO 5746



Özel alaşımli çelik, Kesici ağızlar indüksiyonda sertleştirilmiş
Special steel, Cutters induction hardened

| KOD CODE | L mm | L inch | MODEL | g | TL/Ad. |
|--------------|------|--------|-----------|-----|--------|
| 3020 12 5160 | 160 | 6 1/4" | ERGONOMİK | 205 | 5 |
| 3020 12 5180 | 180 | 7 1/8" | ERGONOMİK | 260 | 5 |
| 3020 12 5200 | 200 | 8" | ERGONOMİK | 345 | 5 |

3020

1000V İzoleli Elektrikçi Kombine Pense Electrician Type Insulated Combination Plier 1000V



TS 60
TS ISO 5746
DIN ISO 5746



1000 V
IEC 60900



Özel alaşımli çelik, Kesici ağızlar indüksiyonda sertleştirilmiş, Krom kaplı
Special steel, Cutters induction hardened, Chrom plated

| KOD CODE | L mm | L inch | MODEL | g | TL/Ad. |
|--------------|------|--------|-------|-----|--------|
| 3020 12 6160 | 160 | 6 1/4" | 1000V | 205 | 5 |
| 3020 12 6180 | 180 | 7 1/8" | 1000V | 260 | 5 |
| 3020 12 6200 | 200 | 8" | 1000V | 345 | 5 |

3030

Kombine Pense Ağır Tip (çelik tel için) Combination Pliers Heavy Duty (for piano wire)



Özel alaşımli çelik, Kesici ağızlar indüksiyonda sertleştirilmiş
Special steel, Cutters induction hardened

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|------|--------|-----|--------|
| 3030 12 2180 | 180 | 7 1/8" | 285 | 5 |
| 3030 12 2200 | 200 | 8" | 380 | 5 |

3220

Kargaburun Düz Uçlu Opak Seri
Long Nose Pliers (Flat)

TS 60 - TS ISO 5745
DIN ISO 5745



Özel alaşımli çelik, Kesici ağızlar indüksiyonda sertleştirilmiş
Special steel, Cutters induction hardened

| KOD CODE | L mm | L inch | MODEL | g | TL/Ad. |
|--------------|------|--------|-------|-----|--------|
| 3220 13 2140 | 140 | 5 1/2" | OPAK | 110 | 5 |
| 3220 13 2160 | 160 | 6 1/4" | OPAK | 135 | 5 |
| 3220 13 2180 | 180 | 7 1/8" | OPAK | 170 | 5 |
| 3220 13 2200 | 200 | 8" | OPAK | 205 | 5 |

3220

Kargaburun Düz Uçlu Ergonomik Seri
Long Nose Pliers (Flat)

TS 60 - TS ISO 5745
DIN ISO 5745



Özel alaşımli çelik, Kesici ağızlar indüksiyonda sertleştirilmiş
Special steel, Cutters induction hardened

| KOD CODE | L mm | L inch | MODEL | g | TL/Ad. |
|--------------|------|--------|-----------|-----|--------|
| 3220 13 5140 | 140 | 5 1/2" | ERGONOMİK | 110 | 5 |
| 3220 13 5160 | 160 | 6 1/4" | ERGONOMİK | 140 | 5 |
| 3220 13 5180 | 180 | 7 1/8" | ERGONOMİK | 160 | 5 |
| 3220 13 5200 | 200 | 8" | ERGONOMİK | 170 | 5 |

3220

Kargaburun Düz Uçlu Kraft Seri
Long Nose Pliers (Flat)

TS 60 - TS ISO 5745
DIN ISO 5745



Özel alaşımli çelik, Kesici ağızlar indüksiyonda sertleştirilmiş
Special steel, Cutters induction hardened

| KOD CODE | L mm | L inch | MODEL | g | TL/Ad. |
|--------------|------|--------|-------|-----|--------|
| 3220 13 3140 | 140 | 5 1/2" | KRAFT | 120 | 5 |
| 3220 13 3160 | 160 | 6 1/4" | KRAFT | 155 | 5 |
| 3220 13 3180 | 180 | 7 1/8" | KRAFT | 185 | 5 |
| 3220 13 3200 | 200 | 8" | KRAFT | 210 | 5 |

3220

1000V İzoleli Elektrikçi Kargaburun
Insulated Electrician Type
Long Nose Plier 1000V



TS 60
TS ISO 5745
DIN ISO 5745
⚡ 1000 V
IEC 60900



Özel alaşımli çelik, Kesici ağızlar indüksiyonda sertleştirilmiş, Krom kaplı
Special steel, Cutters induction hardened, Chrom plated

| KOD CODE | L mm | L inch | MODEL | g | TL/Ad. |
|--------------|------|--------|-------|-----|--------|
| 3220 13 6140 | 140 | 5 1/2" | 1000V | 110 | 5 |
| 3220 13 6160 | 160 | 6 1/4" | 1000V | 140 | 5 |
| 3220 13 6180 | 180 | 7 1/8" | 1000V | 160 | 5 |
| 3220 13 6200 | 200 | 8" | 1000V | 170 | 5 |



3225

Kargaburun Eğri Uçlu Opak Seri
Long Nose Pliers (Bent)

TS 60 - TS ISO 5745



3225

Kargaburun Eğri Uçlu Kraft Seri
Long Nose Pliers (Bent)

TS 60 - TS ISO 5745



4

Özel alaşımlı çelik, Kesici ağızlar indüksiyonda sertleştirilmiş
Special steel, Cutters induction hardened

Özel alaşımlı çelik, Kesici ağızlar indüksiyonda sertleştirilmiş
Special steel, Cutters induction hardened

| KOD CODE | L mm | L inch | MODEL | g | TL/Ad. |
|--------------|---------|-----------|-------|-----|--------|
| 3225 13 2160 | 160 | 6 1/4" | OPAK | 140 | 5 |
| 3225 13 2180 | 180 | 7 1/8" | OPAK | 170 | 5 |
| 3225 13 2200 | 200 | 8" | OPAK | 175 | 5 |

| KOD CODE | L mm | L inch | MODEL | g | TL/Ad. |
|--------------|---------|-----------|-------|-----|--------|
| 3225 13 3160 | 160 | 6 1/4" | KRAFT | 150 | 5 |
| 3225 13 3180 | 180 | 7 1/8" | KRAFT | 190 | 5 |
| 3225 13 3200 | 200 | 8" | KRAFT | 195 | 5 |



3700

Yan Keski Opak Seri
Side Cutting Pliers

TS 60 - TS ISO 5749
DIN ISO 5749



Özel alaşımli çelik, Kesici ağızlar indüksiyonda sertleştirilmiş
Special steel, Cutters induction hardened

| KOD CODE | L mm | L inch | MODEL | g | TL/Ad. |
|--------------|------|--------|-------|-----|--------|
| 3700 16 2140 | 140 | 5 1/2" | OPAK | 165 | 5 |
| 3700 16 2160 | 160 | 6 1/4" | OPAK | 230 | 5 |
| 3700 16 2180 | 180 | 7 1/8" | OPAK | 230 | 5 |

3700

Yan Keski Ergonomik Seri
Side Cutting Pliers

TS 60 - TS ISO 5749
DIN ISO 5749



Özel alaşımli çelik, Kesici ağızlar indüksiyonda sertleştirilmiş
Special steel, Cutters induction hardened

| KOD CODE | L mm | L inch | MODEL | g | TL/Ad. |
|--------------|------|--------|-----------|-----|--------|
| 3700 16 5140 | 140 | 5 1/2" | ERGONOMİK | 165 | 5 |
| 3700 16 5160 | 160 | 6 1/4" | ERGONOMİK | 215 | 5 |
| 3700 16 5180 | 180 | 7 1/8" | ERGONOMİK | 215 | 5 |

3700

Yan Keski Kraft Seri
Side Cutting Pliers

TS 60 • DIN ISO 5749
DIN ISO 5749



Özel alaşımli çelik, Kesici ağızlar indüksiyonda sertleştirilmiş
Special steel, Cutters induction hardened

| KOD CODE | L mm | L inch | MODEL | g | TL/Ad. |
|--------------|------|--------|-------|-----|--------|
| 3700 16 3140 | 140 | 5 1/2" | KRAFT | 190 | 5 |
| 3700 16 3160 | 160 | 6 1/4" | KRAFT | 240 | 5 |
| 3700 16 3180 | 180 | 7 1/8" | KRAFT | 255 | 5 |

3700

1000V İzoleli Elektrikçi Yan Keski
Insulated Electrician Type Side Cutter 1000V

TS 60
TS ISO 5749
DIN ISO 5749

⚡ 1000 V
IEC 60900



Özel alaşımli çelik, Kesici ağızlar indüksiyonda sertleştirilmiş, Krom kaplı
Special steel, Cutters induction hardened, Chrom plated

| KOD CODE | L mm | L inch | MODEL | g | TL/Ad. |
|--------------|------|--------|-------|-----|--------|
| 3700 16 6140 | 140 | 5 1/2" | 1000V | 165 | 5 |
| 3700 16 6160 | 160 | 6 1/4" | 1000V | 215 | 5 |
| 3700 16 6180 | 180 | 7 1/8" | 1000V | 225 | 5 |

3705

İnce Uçlu Yan Keski (Plastikler İçin)
Side Cutter For Plastics

TS 60
TS ISO 5749

3730

Yan Keski Ağır Tip (çelik tel için)
Side Cutter Heavy Duty (for piano wire)



4

Özel alaşımlı çelik, Kesici ağızlar induksiyonda sertleştirilmiş, PVC izoleli
Special steel, Cutters induction hardened, PVC insulated

Özel alaşımlı çelik, Kesici ağızlar induksiyonda sertleştirilmiş
Special steel, Cutters induction hardened

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|---------|-----------|-----|--------|
| 3705 16 5160 | 160 | 6 1/4" | 220 | 5 |

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|---------|-----------|-----|--------|
| 3730 16 2160 | 160 | 6 1/4" | 200 | 5 |
| 3730 16 2200 | 200 | 8" | 320 | 5 |



3301

Dış Segman Pense (Düz)
Circlip Pliers, External (Flat)

TS 60
DIN 5254



Krom vanadyum, Krom kaplı, PVC izoleli
Chrom vanadium, Chrom plated, PVC insulated

| KOD CODE | L mm | ⌀ | g | □ | TL/Ad. |
|--------------|------|----------|-----|---|--------|
| 3301 12 0140 | 140 | 10 - 25 | 90 | 5 | |
| 3301 12 0180 | 180 | 19 - 60 | 195 | 5 | |
| 3301 12 0225 | 225 | 40 - 100 | 235 | 5 | |
| 3301 12 0295 | 295 | 85 - 165 | 445 | 5 | |

3321

İç Segman Pense (Düz)
Circlip Pliers Internal (Flat)

TS 60
DIN 5256



Krom vanadyum, Krom kaplı, PVC izoleli
Chrom vanadium, Chrom plated, PVC insulated

| KOD CODE | L mm | ⌀ | g | □ | TL/Ad. |
|--------------|------|----------|-----|---|--------|
| 3321 12 0140 | 140 | 8 - 25 | 100 | 5 | |
| 3321 12 0180 | 180 | 19 - 60 | 185 | 5 | |
| 3321 12 0225 | 225 | 40 - 100 | 250 | 5 | |
| 3321 12 0310 | 310 | 85 - 165 | 445 | 5 | |

3311

Dış Segman Pense (Eğri)
Circlip Pliers, External (Bent)

TS 60
DIN 5254



Krom vanadyum, Krom kaplı, PVC izoleli
Chrom vanadium, Chrom plated, PVC insulated

| KOD CODE | L mm | ⌀ | g | □ | TL/Ad. |
|--------------|------|----------|-----|---|--------|
| 3311 12 0125 | 125 | 10 - 25 | 105 | 5 | |
| 3311 12 0170 | 170 | 19 - 60 | 190 | 5 | |
| 3311 12 0210 | 210 | 40 - 100 | 250 | 5 | |
| 3311 12 0275 | 275 | 85 - 165 | 445 | 5 | |

3331

İç Segman Pense (Eğri)
Circlip Pliers Internal (Bent)

TS 60
DIN 5256



Krom vanadyum, Krom kaplı, PVC izoleli
Chrom vanadium, Chrom plated, PVC insulated

| KOD CODE | L mm | ⌀ | g | □ | TL/Ad. |
|--------------|------|----------|-----|---|--------|
| 3331 12 0130 | 130 | 8 - 25 | 105 | 5 | |
| 3331 12 0170 | 170 | 19 - 60 | 185 | 5 | |
| 3331 12 0210 | 210 | 40 - 100 | 250 | 5 | |
| 3331 12 0290 | 290 | 85 - 165 | 440 | 5 | |

3420

Hortum Kelepçe Pensesi
Hose Clamp Pliers



| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|------|--------|-----|--------|
| 3420 12 0220 | 220 | 8 3/4" | 185 | 5 |

3425

Hortum Kelepçe Pensesi (Sıkıştırma Tipi)
Hose Clamp Pliers



| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|------|--------|-----|--------|
| 3425 12 0220 | 235 | 9 1/4" | 355 | 5 |

3852

Delik Zimba
Revolving Punch Pliers



| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|------|--------|-----|--------|
| 3852 24 0225 | 225 | 9" | 270 | 5 |

3715

Tek Ağızlı Kablo Kesici
Cable Cutter



Özel alaşımlı çelik, Kesici ağızlar induksiyonda sertleştirilmiş, PVC izoleli
Special steel, Cutters induction hardened, PVC insulated

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|------|--------|-----|--------|
| 3715 16 0165 | 165 | 6 1/4" | 140 | 5 |

3720

Çift Ağızlı Kablo Kesici
Cable Cutter, Double Cutter



Özel alaşımlı çelik, Kesici ağızlar induksiyonda sertleştirilmiş, PVC izoleli
Special steel, Cutters induction hardened, PVC insulated

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|------|--------|-----|--------|
| 3720 16 0220 | 220 | 8" | 320 | 5 |

3860

Testere Çaprazı
Saw - Setting Pliers

TSEK



Özel alaşımlı çelik, İndüksiyonda sertleştirilmiş,
Naturul Vernikli, PVC izoleli
Special steel, induction hardened, PVC insulated

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|------|--------|-----|--------|
| 3860 26 0180 | 180 | 7 1/8" | 245 | 5 |

3550

Elektronikçi Yan Keski
Electronic Diagonal Side Cutting Pliers



Özel alaşımli çelik
Special steel

| KOD CODE | L mm | g | TL/Ad. |
|--------------|---------|----|--------|
| 3550 14 0125 | 125 | 76 | 5 |

3553

Elektronikçi Düz Uçlu Kargaburun
Electronic Flat Nose Pliers



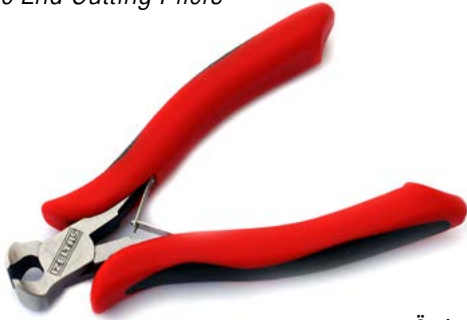
Özel alaşımli çelik
Special steel

| KOD CODE | L mm | g | TL/Ad. |
|--------------|---------|----|--------|
| 3553 14 0150 | 150 | 88 | 5 |

4

3551

Elektronikçi Tepe Keski
Electronic End Cutting Pliers



Özel alaşımli çelik
Special steel

| KOD CODE | L mm | g | TL/Ad. |
|--------------|---------|----|--------|
| 3551 14 0125 | 125 | 77 | 5 |

3554

Elektronikçi Uzun Kargaburun
Electronic Long Nose Pliers



Özel alaşımli çelik
Special steel

| KOD CODE | L mm | g | TL/Ad. |
|--------------|---------|----|--------|
| 3554 14 0150 | 150 | 88 | 5 |

3552

Elektronikçi Yuvarlak Uçlu Kargaburun
Electronic Round Nose Pliers



Özel alaşımli çelik
Special steel

| KOD CODE | L mm | g | TL/Ad. |
|--------------|---------|----|--------|
| 3552 14 0125 | 125 | 78 | 5 |

3555

Elektronikçi Sivri Uçlu Düz Kargaburun
Electronic Needle Flat Nose Pliers



Özel alaşımli çelik
Special steel

| KOD CODE | L mm | g | TL/Ad. |
|--------------|---------|----|--------|
| 3555 14 0150 | 150 | 86 | 5 |

3556

Elektronikçi Sivri Uçlu Eğri Kargaburun
Electronic Needle Bent Nose Pliers



Özel alaşımli çelik
Special steel

| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|----|--------|
| 3556 14 0150 | 150 | 85 | 5 |

3557

Elektronikçi Pense
Electronic Pliers



Özel alaşımli çelik
Special steel

| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|----|--------|
| 3557 14 0125 | 125 | 80 | 5 |

3560 00 2104

Elektronikçi Keski ve Pense Seti (4 Parça)
Electronic Cutter & Pliers Set (4 Pcs)



| KOD CODE | L mm | İÇERİK CONTENTS | TL Ad. |
|--------------|------|--|--------|
| 3550 14 0125 | 125 | Elektronikçi Yan Keski Electronic Diagonal Side Cutting Pliers | 1 |
| 3551 14 0125 | 125 | Elektronikçi Tepe Keski Electronic End Cutting Pliers | 1 |
| 3554 14 0150 | 150 | Elektronikçi Uzun kargaburun Electronic Long Nose Pliers | 1 |
| 3557 14 0125 | 125 | Elektronikçi Pense Electronic Pliers | 1 |

3565 00 2104

Elektronikçi Kargaburun Seti (4 Parça)
Electronic Long Nose Pliers Set (4 Pcs)



| KOD CODE | L mm | İÇERİK CONTENTS | TL Ad. |
|--------------|------|--|--------|
| 3552 14 0125 | 125 | Elektronikçi Yuvarlak Uçlu Kargaburun Electronic Round Nose Pliers | 1 |
| 3553 14 0150 | 150 | Elektronikçi Düz Uçlu Kargaburun Electronic Flat Nose Pliers | 1 |
| 3555 14 0150 | 150 | Elektronikçi Sivri Uçlu Düz Kargaburun Electronic Needle Nose Pliers | 1 |
| 3556 14 0150 | 150 | Elektronikçi Sivri Uçlu Eğri Kargaburun Electronic Bent Needle Nose Pliers | 1 |

4

3800

Kerpeten
Carpenter Pincers

TS 60 - TS ISO 9243
DIN ISO 9243



Özel alaşımlı çelik,
Kesici ağızlar indüksiyonda sertleştirilmiş,
Vernikli, PVC izoleli
Special steel, Cutters induction hardened,
Lacquered, PVC insulated

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|------|--------|-----|--------|
| 3800 15 0160 | 160 | 6 1/4" | 220 | 5 |
| 3800 15 0180 | 180 | 7 1/8" | 295 | 5 |
| 3800 15 0200 | 200 | 8" | 330 | 5 |
| 3800 15 0250 | 250 | 10" | 530 | 5 |

3830

Betoncu Kerpeteni
Tower Pincers

TS 60 • TS ISO 9242
DIN ISO 9242



Özel alaşımlı çelik, Kesici ağızlar indüksiyonda sertleştirilmiş,
Vernikli, PVC izoleli
Special steel, Cutters induction hardened,
Lacquered, PVC insulated

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|------|--------|-----|--------|
| 3830 15 0225 | 225 | 9" | 345 | 5 |
| 3830 15 0250 | 250 | 10" | 395 | 5 |
| 3830 15 0280 | 280 | 11" | 450 | 5 |

3831

Betoncu Kerpeteni Yaylı
Tower Pincers with spring

TS 60 - TS ISO 9242
DIN ISO 9242



Özel alaşımlı çelik, Kesici ağızlar indüksiyonda sertleştirilmiş,
Vernikli, PVC izoleli
Special steel, Cutters induction hardened,
Lacquered, PVC insulated

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|------|--------|-----|--------|
| 3831 15 0280 | 280 | 11" | 455 | 5 |

3835

Ağır Tip Betoncu Kerpeteni
Heavy Duty Tower Pincers

TS 60 - TS ISO 9242
DIN ISO 9242



Özel alaşımlı çelik, Kesici ağızlar indüksiyonda sertleştirilmiş,
Vernikli, PVC izoleli
Special steel, Cutters induction hardened,
Lacquered, PVC insulated

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|------|--------|-----|--------|
| 3835 15 0280 | 280 | 11" | 435 | 5 |

3850

Danallya
Shoemaker Pliers



Özel alaşımlı çelik, İndüksiyonda sertleştirilmiş,
Siyah Oksit kaplı
Special steel, Induction hardened, Black finish

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|------|--------|-----|--------|
| 3850 12 0200 | 200 | 8" | 360 | 5 |

5

1000V İzoleli Aletler 1000V Insulated Tools



VDE belgeli ürünler ilgili uluslararası standartlara göre kontrol edildikten sonra ek olarak 5 ayrı teste tabi tutulur.

- 1- Voltaj Testi : 3 dakika boyunca 10.000 V'a tabi tutulan izoleli el aletinde kaçak yada elektrik akımı atlama olmamalıdır.
- 2- Soğuk Şoklama Testi : -24 derece 2 saat bekletilmiş (şoklanmış) el aletine 60-80 cm yükseklikten 600gr ağırlık ile darbeler uygulanır. İzolede kırılma yada çatlama olmamalıdır.
- 3- Dayanıklılık Testi : +70 derece 1 hafta bekletilmiş el aletine 50kg yük ile sap sökme testi uygulanır. Sap yerinden çıkmamalıdır.
- 4- Geçirgenlik Testi : 5000V elektrik akımına karşı 3 dakika boyunca 2kg sivri uçlu ağırlıkta baskı yapılarak elektrik verilir. Kaçak yada elektrik atlama olmamalıdır.
- 5- Yanma Testi : Yüksek yoğunluktaki alev 20 saniye maruz bırakılarak teste tabi tutulur. Alevden uzaklaştırılan izole yanmaya devam etmemelidir.

After internationally recognised standard controls, VDE certified hand tools are passed through 5 additional tests.

- 1- Voltage test : For 3 minutes under 10.000V, no current leak should occur in the handle
- 2- Cold shock test : Tools are kept in -24 degrees Celcius for 2 hours. A mass with 600gr is dropped on the handle from 60-80cm. No crack or break on the handle should occur.
- 3- Durability test : Tools are kept in +70 degrees Celcius for 1 week. When a force of 50kg is applied, handle should not pull away from the tool.
- 4- Conductivity test : Under 5.000V, a mass of 2 kg with a point tip is pressed onto the handle for 3 minutes. No current leakage should occur.
- 5- Flame retardancy test: When applied to an open flame for 20 seconds, handle material should not catch flame.

0255

Süper İzole Çatal Bir Ağız Anahtar (mm)
Single Ended Open Jaw Wrench
Super Insulated (mm)



Krom vanadyum, Krom kaplı, Kalın PVC izoleli
Chrom vanadium, Chrom plated, Triple PVC insulated

5

| KOD CODE | mm | L mm | g | TL/Ad. |
|--------------|----|------|-----|--------|
| 0255 01 0010 | 10 | 110 | 40 | 10 |
| 0255 01 0011 | 11 | 120 | 45 | 10 |
| 0255 01 0012 | 12 | 130 | 50 | 10 |
| 0255 01 0013 | 13 | 140 | 60 | 10 |
| 0255 01 0014 | 14 | 155 | 75 | 10 |
| 0255 01 0017 | 17 | 170 | 100 | 10 |
| 0255 01 0019 | 19 | 185 | 150 | 10 |
| 0255 01 0022 | 22 | 200 | 200 | 10 |
| 0255 01 0024 | 24 | 220 | 280 | 10 |

0435

Süper İzoleli Bir Ağız Yıldız Anahtar (mm)
Single Ended Ring Wrench Super
Insulated (mm)



Krom vanadyum, Krom kaplı, Kalın PVC izoleli
Chrom vanadium, Chrom plated, Triple PVC insulated

| KOD CODE | mm | L mm | g | TL/Ad. |
|--------------|----|------|-----|--------|
| 0435 03 0010 | 10 | 170 | 100 | 10 |
| 0435 03 0011 | 11 | 180 | 110 | 10 |
| 0435 03 0012 | 12 | 190 | 130 | 10 |
| 0435 03 0013 | 13 | 200 | 150 | 10 |
| 0435 03 0014 | 14 | 215 | 180 | 10 |
| 0435 03 0017 | 17 | 230 | 220 | 10 |
| 0435 03 0019 | 19 | 245 | 270 | 10 |
| 0435 03 0022 | 22 | 260 | 310 | 10 |
| 0435 03 0024 | 24 | 280 | 420 | 10 |

2400

1000V İzoleli Üniöersal Fort Pense
Insulated Type Waterpump
Pliers Universal 1000V

TSE
TS 60
TS ISO 8976

YENİ
NEW



Krom vanadyum, Krom kaplı, çift komponent saplı
Chrom vanadium, Chrom plated, Two component handle

| KOD CODE | L mm | L inch | mm | g | TL/Ad. |
|--------------|------|--------|----|-----|--------|
| 2400 11 6240 | 240 | 9 1/2" | 35 | 370 | 5 |

3020

1000V İzoleli Elektrikçi Kombine Pense
Insulated Electrician Type
Combination Plier 1000V

TSE
TS ISO 5746
DIN ISO 5746
1000 V
IEC 60900

YENİ
NEW



Özel alaşımli çelik, Kesici ağızlar indüksiyonda sertleştirilmiş, Krom kaplı
Special steel, Cutters induction hardened, Chrom plated



| KOD CODE | L mm | L inch | MODEL | g | TL/Ad. |
|--------------|------|--------|-------|-----|--------|
| 3020 12 6160 | 160 | 6 1/4" | 1000V | 205 | 5 |
| 3020 12 6180 | 180 | 7 1/8" | 1000V | 260 | 5 |
| 3020 12 6200 | 200 | 8" | 1000V | 345 | 5 |

3220

1000V İzoleli Elektrikçi Kargaburun
Insulated Electrician Type
Nose Plier 1000V

YENİ
NEW



TS 60
TS ISO 5745
DIN ISO 5745
△ 1000 V
IEC 60900



Özel alaşımli çelik, Kesici ağızlar indüksiyonda sertleştirilmiş, Krom kaplı
Special steel, Cutters induction hardened, Chrom plated

| KOD CODE | L mm | L inch | MODEL | g | TL/Ad. |
|--------------|------|--------|-------|-----|--------|
| 3220 13 6140 | 140 | 5 1/2" | 1000V | 110 | 5 |
| 3220 13 6160 | 160 | 6 1/4" | 1000V | 140 | 5 |
| 3220 13 6180 | 180 | 7 1/8" | 1000V | 160 | 5 |
| 3220 13 6200 | 200 | 8" | 1000V | 170 | 5 |

3700

1000V İzoleli Elektrikçi Yan Keski
Insulated Electrician Type Side Cutter 1000V

YENİ
NEW



TS 60
TS ISO 5749
DIN ISO 5749
△ 1000 V
IEC 60900



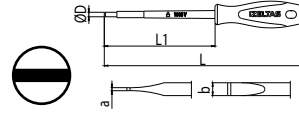
Özel alaşımli çelik, Kesici ağızlar indüksiyonda sertleştirilmiş, Krom kaplı
Special steel, Cutters induction hardened, Chrom plated

| KOD CODE | L mm | L inch | MODEL | g | TL/Ad. |
|--------------|------|--------|-------|-----|--------|
| 3700 16 6140 | 140 | 5 1/2" | 1000V | 165 | 5 |
| 3700 16 6160 | 160 | 6 1/4" | 1000V | 215 | 5 |
| 3700 16 6180 | 180 | 7 1/8" | 1000V | 225 | 5 |

4140

1000V İzoleli Elektrikçi Düz Uçlu Tornavida
Insulated Electrician Type Flat
Screwdriver 1000V

TS 59
TS ISO 2380-1
DIN ISO 2380-1
△ 1000 V
IEC 60900



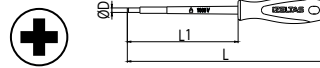
Krom vanadyum, Siyah oksit kaplı
Chrom vanadium, Black finish

| KOD CODE | øDxL1 mm | a | | L mm | g | TL/Ad. |
|--------------|----------|-----|-----|------|----|--------|
| | | mm | mm | | | |
| 4140 17 2575 | 2.5x75 | 0.4 | 2.5 | 150 | 25 | 10 |
| 4140 17 4100 | 4x100 | 0.8 | 4 | 185 | 40 | 10 |
| 4140 17 5512 | 5.5x125 | 1 | 5.5 | 220 | 70 | 10 |
| 4140 17 6515 | 6.5x150 | 1.2 | 6.5 | 245 | 90 | 10 |

4145

1000V İzoleli Elektrikçi Yıldız Uçlu Tornavida
Insulated Electrician Type Phillips
Screwdriver 1000V

TS 59 TS 59-5
ISO 8764 DIN ISO 8764
△ 1000 V
IEC 60900



Krom vanadyum, Siyah oksit kaplı
Chrom vanadium, Black finish

| KOD CODE | øDxL1 mm | + | L mm | g | TL/Ad. |
|--------------|----------|-----|------|----|--------|
| | | | | | |
| 4145 18 4580 | 4.5x80 | Ph1 | 165 | 45 | 10 |
| 4145 18 6100 | 6x100 | Ph2 | 195 | 70 | 10 |

4140

1000V İzoleli Elektrikçi Tornavida Seti (6 Parça)
Insulated Electrician Set (6 Pcs) Screwdriver 1000V

YENİ
NEW



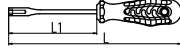
| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|--|-----|--------|
| 4140 00 9106 | 2.5x75 - 4x100 5.5x125 - 6.5x150 Düz uçlu / Flat | 340 | 6 |
| | 4.5x80 - 6x100 Yıldız uçlu / Phillips | | |

4773

1000V Süngüsü İzoleli Lokma Uçlu Tornavida
Nut Spinner, Electrician Blade Insulated
1000V

DIN 3125

YENİ
NEW



Krom vanadyum, iki komponent saplı
Chrome vanadium, Two component handle

5

| KOD CODE | mm | L mm | L1 mm | g | TL/Ad. |
|--------------|-----|------|-------|-----|--------|
| 4773 19 0040 | 4 | 220 | 125 | 90 | 10 |
| 4773 19 0050 | 5 | 220 | 125 | 90 | 10 |
| 4773 19 0055 | 5.5 | 220 | 125 | 90 | 10 |
| 4773 19 0060 | 6 | 220 | 125 | 90 | 10 |
| 4773 19 0070 | 7 | 230 | 125 | 110 | 10 |
| 4773 19 0080 | 8 | 230 | 125 | 120 | 10 |
| 4773 19 0090 | 9 | 230 | 125 | 125 | 10 |
| 4773 19 0100 | 10 | 230 | 125 | 125 | 10 |
| 4773 19 0110 | 11 | 230 | 125 | 140 | 10 |
| 4773 19 0120 | 12 | 230 | 125 | 145 | 10 |
| 4773 19 0130 | 13 | 230 | 125 | 150 | 10 |
| 4773 19 0140 | 14 | 230 | 125 | 150 | 10 |

4773

1000V Süngüsü İzoleli Lokma Uçlu Tornavida Seti (8 Parça)
Nut Spinner, Electrician Blade Insulated Set (8 Pcs)
1000V

YENİ
NEW



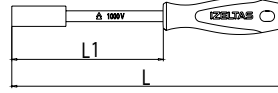
| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|-----------------------------------|------|--------|
| 4773 00 8108 | 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 | 2225 | 8 |

4783

1000V Süngüsü İzoleli Manyetik Bits Tutucu Tornavida
Screwdriver, Magnetic Bit Holder Insulated
1000V

1000 V
IEC 60900

YENİ
NEW



| KOD CODE | mm | L mm | L1 mm | g | TL/Ad. |
|--------------|-----|------|-------|-----|--------|
| 4783 19 6120 | 6.3 | 230 | 120 | 115 | 10 |

8795 00 6005

1000V İzoleli Elektrikçi Seti (5 Parça)
1000V Insulated Tool Set (5 Pcs)

YENİ
NEW



| KOD CODE | İÇERİK CONTENTS | TL/Ad. |
|--------------|--|--------|
| 3020 12 6180 | 180 mm 1000V İzoleli Elektrikçi Kombine Pense Insulated Electrician Type Combination Pliers 1000V | 1 |
| 3220 13 6200 | 200 mm 1000V İzoleli Elektrikçi Kargaburun Insulated Electrician Type Nose Pliers | 1 |
| 3700 16 6160 | 160 mm 1000V İzoleli Elektrikçi Yankeki Insulated Electrician Type Nose | 1 |
| 4140 17 5512 | 5.5x125 1000V Elektrikçi Düz Uçlu Tornavida Insulated Electrician Type Flat Screwdriver 1000V | 1 |
| 4145 18 6100 | 6x100 1000V İzoleli Elektrikçi Yıldız Uçlu Tornavida Insulated Electrician Type Phillips Screwdriver 1000V | 1 |

6

Tornavida ve Allen Anahtarlar

Screwdrivers and Hex Key Wrenches



Tornavidalar Screwdrivers

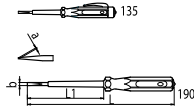
Kontrol Kalemleri Testers

Bits Uçlar ve Aparatları Bits

Allen Anahtarlar Hex Key Wrenches

4550

Elektrik Kontrol Kalemi (Düz Uçlu)
Voltage Tester (Flat)

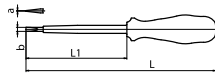


Krom vanadyum, Krom kaplı, Şeffaf selüloz asetat saplı
Chrom vanadium, Chrom plated, Transparent cellulose acetate handle

| KOD CODE | L mm | ⊖ | | L1 mm | g | TL/Ad. |
|--------------|------|------|------|-------|----|--------|
| | | a mm | b mm | | | |
| 4550 17 0135 | 135 | 0.5 | 3 | 60 | 20 | 10 |
| 4550 17 0190 | 190 | 0.8 | 4 | 100 | 40 | 10 |

4555

Master Kontrol Kalemi (Düz Uçlu)
Voltage Tester Master (Flat)

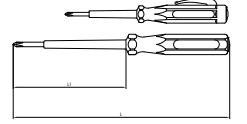


Krom vanadyum, Krom kaplı, Şeffaf selüloz asetat saplı
Chrom vanadium, Chrom plated, Transparent cellulose acetate handle

| KOD CODE | L mm | ⊖ | | L1 mm | g | TL/Ad. |
|--------------|------|------|------|-------|----|--------|
| | | a mm | b mm | | | |
| 4555 17 0165 | 165 | 0.5 | 3.5 | 88 | 40 | 10 |

4560

Elektrik Kontrol Kalemi (Yıldız Uçlu)
Voltage Tester Phillips

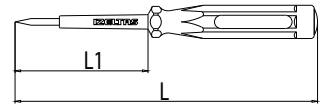


Krom vanadyum, Krom kaplı, Şeffaf selüloz asetat saplı
Chrom vanadium, Chrom plated, Transparent cellulose acetate handle

| KOD CODE | L mm | L1 mm | + | g | TL/Ad. |
|--------------|------|-------|-----|----|--------|
| 4560 18 0135 | 135 | 60 | Ph0 | 20 | 10 |
| 4560 18 0190 | 190 | 100 | Ph0 | 35 | 10 |

4565

Oto Kontrol Kalemi
Car Voltage Tester



Krom vanadyum, Krom kaplı, Şeffaf selüloz asetat saplı
Chrom vanadium, Chrom plated, Transparent cellulose acetate handle

Tüm otomobil ve ağır vasıta araçlarda 6-24V arası elektrik tesisatının kontrol edilmesinde kullanılır. Sivri uçlu olması sebebiyle kablo ve soketleri yerinden sökmeden kontrol kolaylığı sağlar.

Tool is used to control 6-24V electrical wiring in all cars and heavy duty vehicles. With its point tip, wires and sockets are not required to be disassembled.

| KOD CODE | L mm | L1 mm | ⊖ | Kablo L (m) | g | TL/Ad. |
|--------------|------|-------|---|-------------|----|--------|
| 4565 17 0135 | 135 | 60 | ⊖ | 1 | 30 | 10 |

4100

Kraft Seri Düz Uçlu Tornavida
Screwdriver, Kraft, Flat

TS ISO 2380 - 1
DIN ISO 2380-1



Krom vanadyum, Krom kaplı, Ucu siyah oksit, Selüloz asetat saplı
Chrom vanadium, Chrom plated and black tip,
Cellulose acetate handle

| KOD CODE | øDxL1 mm | ⊖ | | L mm | g | TL/Ad. |
|--------------|-------------|---------|---------|---------|-----|--------|
| | | a mm | b mm | | | |
| 4100 17 0340 | 3x40 | 0.5 | 3 | 110 | 20 | 10 |
| 4100 17 0380 | 3x80 | 0.5 | 3 | 155 | 35 | 10 |
| 4100 17 0480 | 4x80 | 0.8 | 4 | 165 | 50 | 10 |
| 4100 17 4100 | 4x100 | 0.8 | 4 | 185 | 50 | 10 |
| 4100 17 0580 | 5x80 | 1.0 | 5.5 | 175 | 70 | 10 |
| 4100 17 5100 | 5x100 | 1.0 | 5.5 | 195 | 75 | 10 |
| 4100 17 5125 | 5x125 | 1.0 | 5.5 | 220 | 80 | 10 |
| 4100 17 5150 | 5x150 | 1.0 | 5.5 | 245 | 80 | 10 |
| 4100 17 6100 | 6x100 | 1.2 | 6.5 | 195 | 85 | 10 |
| 4100 17 6125 | 6x125 | 1.2 | 6.5 | 220 | 90 | 10 |
| 4100 17 6150 | 6x150 | 1.2 | 6.5 | 245 | 95 | 10 |
| 4100 17 6175 | 6x175 | 1.2 | 6.5 | 270 | 100 | 10 |
| 4100 17 7125 | 7x125 | 1.2 | 8 | 230 | 120 | 10 |
| 4100 17 7150 | 7x150 | 1.2 | 8 | 255 | 130 | 10 |
| 4100 17 7175 | 7x175 | 1.2 | 8 | 280 | 135 | 10 |
| 4100 17 8150 | 8x150 | 1.6 | 10 | 255 | 145 | 10 |
| 4100 17 8175 | 8x175 | 1.6 | 10 | 280 | 150 | 10 |
| 4100 17 8200 | 8x200 | 1.6 | 10 | 305 | 160 | 10 |
| 4100 17 9200 | 9x200 | 2.0 | 12 | 305 | 190 | 10 |
| 4100 17 1125 | 11x250 | 2.5 | 14 | 365 | 305 | 10 |



4100

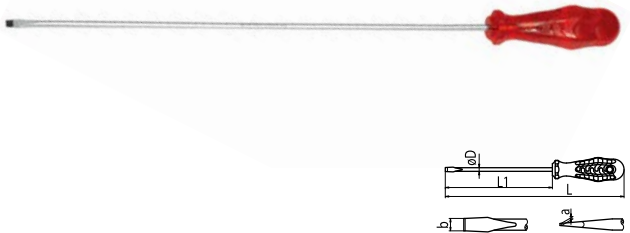
Kraft Seri Düz Uçlu Tornavida Seti (8 Parça)
Screwdriver, Flat, Kraft Set (8 Pcs)



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|--|-----|--------|
| 4100 00 8108 | 3x80 - 4x80 - 4x100 5x100 - 5x125 - 6x100 6x125 - 6x150 ⊖ Düz uçlu / Flat | 550 | 8 |

4100

Kraft Seri Süngüsü Uzun Düz Uçlu Tornavida
Screwdriver, Kraft, Flat, Long



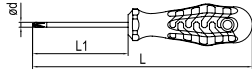
Krom vanadyum, Krom kaplı, Ucu siyah oksit, Selüloz asetat saplı
Chrom vanadium, Chrom plated and black tip,
Cellulose acetate handle

| KOD CODE | øDxL1 mm | ⊖ | | L mm | g | TL/Ad. |
|--------------|-------------|---------|---------|---------|-----|--------|
| | | a mm | b mm | | | |
| 4100 17 4300 | 4x300 | 0.8 | 4 | 385 | 70 | 10 |
| 4100 17 5250 | 5x250 | 1.0 | 5.5 | 345 | 95 | 10 |
| 4100 17 5350 | 5x350 | 1.0 | 5.5 | 445 | 115 | 10 |
| 4100 17 6350 | 6x350 | 1.2 | 6.5 | 445 | 125 | 10 |

4120

Kraft Seri Yıldız Uçlu Tornavida
Screwdriver, Kraft, Phillips

TS 59 - 5 ISO 8764-1
DIN ISO 8764-1

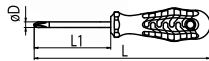


Krom vanadyum, Krom kaplı, Ucu siyah oksit, Selüloz asetat saplı
Chrom vanadium, Chrom plated and black tip,
Cellulose acetate handle.

| KOD CODE | Ød x L1 mm | + | L mm | g | TL/Ad. |
|--------------|------------|-----|------|-----|--------|
| 4120 18 0360 | 3x60 | Ph0 | 135 | 30 | 10 |
| 4120 18 4580 | 4.5x80 | Ph1 | 165 | 55 | 10 |
| 4120 18 5100 | 4.5x100 | Ph1 | 185 | 55 | 10 |
| 4120 18 5150 | 4.5x150 | Ph1 | 235 | 60 | 10 |
| 4120 18 6100 | 6x100 | Ph2 | 195 | 85 | 10 |
| 4120 18 6150 | 6x150 | Ph2 | 245 | 95 | 10 |
| 4120 18 6200 | 6x200 | Ph2 | 295 | 105 | 10 |
| 4120 18 8150 | 8x150 | Ph3 | 255 | 150 | 10 |
| 4120 18 1200 | 10x200 | Ph4 | 315 | 240 | 10 |

4120

Kraft Seri Süngüsü Uzun Yıldız Uçlu Tornavida
Screwdriver, Kraft, Phillips, Long



Krom vanadyum, Krom kaplı, Ucu siyah oksit, Selüloz asetat saplı
Chrom vanadium, Chrom plated and black tip,
Cellulose acetate handle

| KOD CODE | ØD x L1 mm | + | L mm | g | TL/Ad. |
|--------------|------------|-----|------|-----|--------|
| 4120 18 5300 | 4.5x300 | Ph1 | 385 | 80 | 10 |
| 4120 18 6300 | 6x300 | Ph2 | 395 | 125 | 10 |

4120

Kraft Seri Yıldız Uçlu Tornavida Seti (6 parça)
Screwdriver, Kraft, Phillips, Set (6 Pcs)



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|---|-----|--------|
| 4120 00 8106 | 3x60 - 4.5x80 4.5x100 - 4.5x150 6x100 - 6x150 Yıldız uçlu / Phillips | 380 | 6 |

4100

Kraft Seri Tornavida Seti (7 parça)
Screwdriver Set, Kraft (7 Pcs)

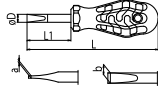


| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|---|-----|--------|
| 4100 00 8107 | 3x80 - 4x80 - 4x100 5x125 - 6x150 Düz uçlu / Flat 4.5x80 - 6x100 Yıldız uçlu / Phillips | 445 | 7 |

4110

Kraft Seri Düz Uçlu Topaç Tornavida
Screwdriver, Kraft, Stubby, Flat

TS 59



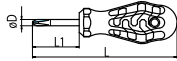
Krom vanadyum, Krom kaplı, Ucu siyah oksit, Selüloz asetat saplı
Chrom vanadium, Chrom plated and black tip, Cellulose acetate handle

| KOD CODE | øDxL1 mm | ⊖ | | L mm | g | TL/Ad. |
|--------------|----------|------|------|------|----|--------|
| | | a mm | b mm | | | |
| 4110 17 5525 | 5.5x25 | 1 | 5.5 | 70 | 30 | 5 |
| 4110 17 5540 | 5.5x40 | 1 | 5.5 | 105 | 45 | 5 |
| 4110 17 6525 | 6.5x25 | 1.2 | 6.5 | 70 | 35 | 5 |
| 4110 17 6540 | 6.5x40 | 1.2 | 6.5 | 105 | 50 | 5 |

4130

Kraft Seri Yıldız Uçlu Topaç Tornavida
Screwdriver, Kraft, Stubby, Phillips

TS 59-5



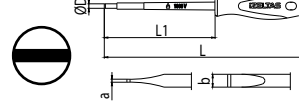
Krom vanadyum, Krom kaplı, Ucu siyah oksit, Selüloz asetat saplı
Chrom vanadium, Chrom plated and black tip, Cellulose acetate handle

| KOD CODE | øDxL1 mm | ⊕ | L mm | g | TL/Ad. |
|--------------|----------|-----|------|----|--------|
| | | | | | |
| 4130 18 4540 | 4.5x40 | Ph1 | 105 | 40 | 5 |
| 4130 18 0625 | 6x25 | Ph2 | 70 | 30 | 5 |
| 4130 18 0640 | 6x40 | Ph2 | 105 | 50 | 5 |

4140

1000V İzoleli Elektrikçi Düz Uçlu Tornavida
Insulated Electrician Type Flat Screwdriver 1000V

TS 59 TS ISO 2380-1
DIN ISO 2380-1
⚡ 1000 V
IEC 60900



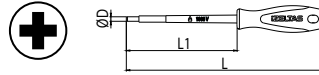
Krom vanadyum, Siyah oksit kaplı
Chrom vanadium, Black finish

| KOD CODE | øDxL1 mm | ⊖ | | L mm | g | TL/Ad. |
|--------------|----------|------|------|------|----|--------|
| | | a mm | b mm | | | |
| 4140 17 2575 | 2.5x75 | 0.4 | 2.5 | 150 | 25 | 10 |
| 4140 17 4100 | 4x100 | 0.8 | 4 | 185 | 40 | 10 |
| 4140 17 5512 | 5.5x125 | 1 | 5.5 | 220 | 70 | 10 |
| 4140 17 6515 | 6.5x150 | 1.2 | 6.5 | 245 | 90 | 10 |

4145

1000V İzoleli Elektrikçi Yıldız Uçlu Tornavida
Insulated Electrician Type Phillips Screwdriver 1000V

TS 59 TS 59-5
ISO 8764 DIN ISO 8764
⚡ 1000 V
IEC 60900



Krom vanadyum, Siyah oksit kaplı
Chrom vanadium, Black finish

| KOD CODE | øDxL1 mm | ⊕ | L mm | g | TL/Ad. |
|--------------|----------|-----|------|----|--------|
| | | | | | |
| 4145 18 4580 | 4.5x80 | Ph1 | 165 | 45 | 10 |
| 4145 18 6100 | 6x100 | Ph2 | 195 | 70 | 10 |

4140

1000V İzoleli Elektrikçi Tornavida Seti (6 Parça)
Insulated Electrician Set (6 Pcs) Screwdriver 1000V

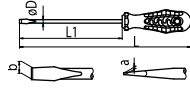


| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|----------|-----------------|---|--------|
| | | | |

4300

Opak Seri Düz Uçlu Tornavida
Screwdriver, Opak, Flat

TS ISO 2380-1
DIN ISO 2380-1



Krom vanadyum, Krom kaplı, Ucu siyah oksit, PP saplı
Chrome vanadium, Chrom plated and black tip, PP handle

| KOD CODE | øDxL1 mm | - | | L mm | g | TL/Ad. |
|--------------|-------------|---------|---------|---------|-----|--------|
| | | a mm | b mm | | | |
| 4300 17 0380 | 3x80 | 0.5 | 3 | 155 | 25 | 10 |
| 4300 17 0480 | 4x80 | 0.8 | 4 | 165 | 35 | 10 |
| 4300 17 4100 | 4x100 | 0.8 | 4 | 185 | 40 | 10 |
| 4300 17 5100 | 5x100 | 1.0 | 5.5 | 195 | 60 | 10 |
| 4300 17 5125 | 5x125 | 1.0 | 5.5 | 220 | 60 | 10 |
| 4300 17 6100 | 6x100 | 1.2 | 6.5 | 195 | 65 | 10 |
| 4300 17 6125 | 6x125 | 1.2 | 6.5 | 220 | 70 | 10 |
| 4300 17 6150 | 6x150 | 1.2 | 6.5 | 245 | 80 | 10 |
| 4300 17 7125 | 7x125 | 1.2 | 8 | 230 | 95 | 10 |
| 4300 17 7150 | 7x150 | 1.2 | 8 | 255 | 105 | 10 |
| 4300 17 8175 | 8x175 | 1.6 | 10 | 280 | 130 | 10 |
| 4300 17 9200 | 9x200 | 2.0 | 12 | 305 | 165 | 10 |

6

4300

Opak Seri Tornavida Seti (7 Parça)
Screwdriver Set, Opak (7 Pcs)

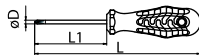


| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|-------------------------------|-----|--------|
| 4300 00 8107 | 3x80 - 4x80 - 4x100 | 520 | 7 |
| | 5x125 - 6x150 | | |
| | Düz uçlu / Flat | | |
| | 4.5x80 - 6x100 | | |
| | Yıldız uçlu / Phillips | | |

4320

Opak Seri Yıldız Uçlu Tornavida
Screwdriver, Opak, Phillips

TS 59 - 5 ISO 8764
DIN ISO 8764



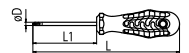
Krom vanadyum, Krom kaplı, Ucu siyah oksit, PP saplı
Chrome vanadium, Chrom plated and black tip, PP handle

| KOD CODE | øDxL1 mm | + | L mm | g | TL/Ad. |
|--------------|-------------|-----|---------|-----|--------|
| 4320 18 0360 | 3x60 | Ph0 | 135 | 25 | 10 |
| 4320 18 4580 | 4.5x80 | Ph1 | 165 | 40 | 10 |
| 4320 18 6100 | 6x100 | Ph2 | 195 | 70 | 10 |
| 4320 18 8150 | 8x150 | Ph3 | 255 | 140 | 10 |

4325

Opak Seri Pozidriv Yıldız Uçlu Tornavida
Screwdriver, Opak, Pozidriv

DIN ISO 8764



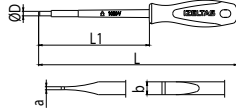
Krom vanadyum, Krom kaplı, Ucu siyah oksit, PP saplı
Chrome vanadium, Chrom plated and black tip, PP handle

| KOD CODE | øDxL1 mm | + | L mm | g | TL/Ad. |
|--------------|-------------|-----|---------|-----|--------|
| 4325 18 0360 | 3x60 | Pz0 | 135 | 25 | 10 |
| 4325 18 4580 | 4.5x80 | Pz1 | 165 | 40 | 10 |
| 4325 18 6100 | 6x100 | Pz2 | 195 | 70 | 10 |
| 4325 18 8150 | 8x150 | Pz3 | 255 | 140 | 10 |

4350

Ergonomik Seri Düz Uçlu Tornavida
Screwdriver, Ergonomic, Flat

TS ISO 2380 - 1
DIN ISO 2380-1



Krom vanadyum, Krom kaplı, Ucu siyah oksit, İki komponent saplı
Chrome vanadium, Chrom plated and black tip,
Two component handle.

| KOD CODE | ØDxL1 mm | - | | L mm | g | TL/Ad. |
|--------------|----------|------|------|------|-----|--------|
| | | a mm | b mm | | | |
| 4350 17 0380 | 3x80 | 0.5 | 3 | 155 | 25 | 10 |
| 4350 17 0480 | 4x80 | 0.8 | 4 | 165 | 40 | 10 |
| 4350 17 4100 | 4x100 | 0.8 | 4 | 185 | 40 | 10 |
| 4350 17 5100 | 5x100 | 1.0 | 5.5 | 195 | 60 | 10 |
| 4350 17 5125 | 5x125 | 1.0 | 5.5 | 220 | 65 | 10 |
| 4350 17 6100 | 6x100 | 1.2 | 6.5 | 195 | 70 | 10 |
| 4350 17 6125 | 6x125 | 1.2 | 6.5 | 220 | 75 | 10 |
| 4350 17 6150 | 6x150 | 1.2 | 6.5 | 245 | 80 | 10 |
| 4350 17 7125 | 7x125 | 1.2 | 8 | 230 | 100 | 10 |
| 4350 17 7150 | 7x150 | 1.2 | 8 | 255 | 110 | 10 |
| 4350 17 8175 | 8x175 | 1.6 | 10 | 280 | 140 | 10 |
| 4350 17 9200 | 9x200 | 2 | 12 | 305 | 180 | 10 |

4350

Ergonomik Seri Tornavida Seti (7 Parça)
Screwdriver Set, Ergonomic (7 Pcs.)



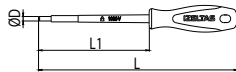
| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|---|-----|--------|
| 4350 00 8107 | 3x80 - 4x80 - 4x100 5x125 - 6x150 Düz uçlu / Flat 4.5x80 - 6x100 Yıldız uçlu / Phillips | 370 | 7 |

6

4370

Ergonomik Seri Yıldız Uçlu Tornavida
Screwdriver, Ergonomic, Phillips

TS 59 - 5
ISO 8764-1
DIN ISO 8764-1



Krom vanadyum, Krom kaplı, Ucu siyah oksit, İki komponent saplı
Chrome vanadium, Chrom plated and black tip,
Two component handle

| KOD CODE | ØDxL1 mm | + | L mm | g | TL/Ad. |
|--------------|----------|-----|------|-----|--------|
| 4370 18 0360 | 3x60 | Ph0 | 135 | 25 | 10 |
| 4370 18 4580 | 4.5x80 | Ph1 | 165 | 45 | 10 |
| 4370 18 6100 | 6x100 | Ph2 | 195 | 70 | 10 |
| 4370 18 8150 | 8x150 | Ph3 | 255 | 130 | 10 |



4240

Değişken Uçlu Tornavida
Screwdriver - Reversible

TSEK

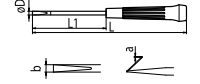


Krom vanadyum, Krom kaplı, Selüloz asetat saplı
Chrom vanadium, Chrom plated, Cellulose acetate handle

| KOD CODE | øDxL1 mm | - | | L mm | g | TL/Ad. |
|--------------|-------------|---------|---------|---------|----|--------|
| | | a mm | b mm | | | |
| 4240 17 0680 | 6x80 | 1.2x6 | Ph2 | 175 | 80 | 10 |

4500

Elektronikçi Tip (Klemens) Düz Uçlu Tornavida
Electronic Screwdriver, Flat



Krom vanadyum, Krom kaplı, Ucu siyah oksit, PP saplı
Chrome vanadium, Chrom plated and black tip, PP handle

| KOD CODE | øDxL1 mm | - | | L mm | g | TL/Ad. |
|--------------|-------------|---------|---------|---------|----|--------|
| | | a mm | b mm | | | |
| 4500 17 2560 | 2.5x60 | 0.4 | 2.5 | 140 | 15 | 10 |
| 4500 17 2580 | 2.5x80 | 0.4 | 2.5 | 160 | 15 | 10 |
| 4500 17 0380 | 3x80 | 0.5 | 3 | 160 | 15 | 10 |
| 4500 17 3100 | 3x100 | 0.5 | 3 | 180 | 20 | 10 |
| 4500 17 3125 | 3x125 | 0.5 | 3 | 205 | 20 | 10 |
| 4500 17 3510 | 3.5x100 | 0.6 | 3.5 | 180 | 20 | 10 |
| 4500 17 0480 | 4x80 | 0.8 | 4 | 160 | 20 | 10 |
| 4500 17 4100 | 4x100 | 0.8 | 4 | 180 | 20 | 10 |
| 4500 17 4125 | 4x125 | 0.8 | 4 | 205 | 25 | 10 |
| 4500 17 4150 | 4x150 | 0.8 | 4 | 230 | 25 | 10 |

6

Değişken Uçlu Tornavida Takımı
Screwdriver Set - Reversible

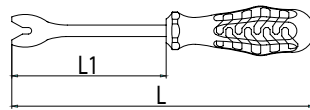
TSEK



| KOD CODE | øDxL1 mm | - | | L mm | g | TL/Ad. |
|--------------|-------------|---------|---------|---------|-----|--------|
| | | a mm | b mm | | | |
| 4240 00 7102 | 6x80 | 1.2x6 | Ph2 | 175 | 105 | 1 |
| | 4x80 | 0.8x4.5 | Ph1 | | | |

4540

Klips Sökme Tornavidası
Hupcap and Clip Remover

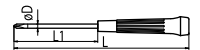


Krom vanadyum, Krom kaplı, PP Saplı
Chrom vanadium, Chrom plated, PP insulated

| KOD CODE | L mm | L1 | g | TL/Ad. |
|--------------|---------|-----|-----|--------|
| 4540 19 0190 | 290 | 180 | 160 | 10 |

4520

Elektronikçi Tip (Klemens) Yıldız Uçlu Tornavida
Electronic Screwdriver, Phillips



Krom vanadyum, Krom kaplı, Ucu siyah oksit, PP saplı
Chrome vanadium, Chrom plated and black tip, PP handle

| KOD CODE | øDxL1 mm | + | L mm | g | TL/Ad. |
|--------------|-------------|-----|---------|----|--------|
| 4520 18 0360 | 3x60 | Ph0 | 140 | 15 | 10 |
| 4520 18 0480 | 4x80 | Ph0 | 160 | 20 | 10 |
| 4520 18 4150 | 4x150 | Ph0 | 230 | 25 | 10 |

4500

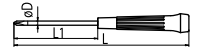
Elektronikçi Tip (Klemens) Tornavida Seti (6 Parça)
Electronic Screwdriver Set (6 Pcs)



| KOD CODE | İÇERİK CONTENTS | g | | TL/Ad. |
|--------------|---|-----|---|--------|
| 4500 00 8106 | 3x80 - 3x100 3x125 - 4x150 Düz uçlu / Flat 3x60 - 4x80 Yıldız uçlu / Phillips | 115 | 6 | |

4530

Elektronikçi Tip (Klemens) Torx® Uçlu Tornavida
Electronic Screwdriver, Torx®



Krom vanadyum, Krom kaplı, Ucu siyah oksit, PP saplı
Chrome vanadium, Chrom plated and black tip, PP handle

| KOD CODE | ØDxL1 mm | * | L mm | g | | TL/Ad. |
|--------------|----------|-----|------|----|----|--------|
| 4530 17 0560 | 2.5x60 | T5 | 145 | 15 | 10 | |
| 4530 17 0660 | 2.5x60 | T6 | 145 | 15 | 10 | |
| 4530 17 0760 | 3x60 | T7 | 145 | 15 | 10 | |
| 4530 17 0860 | 3x60 | T8 | 145 | 20 | 10 | |
| 4530 17 0960 | 3x60 | T9 | 145 | 20 | 10 | |
| 4530 17 1060 | 3.5x60 | T10 | 145 | 20 | 10 | |

4530

Elektronikçi Tip (Klemens) Torx® Uçlu Tornavida Seti (6 Parça)
Electronic Screwdriver Set Torx (6 Pcs)

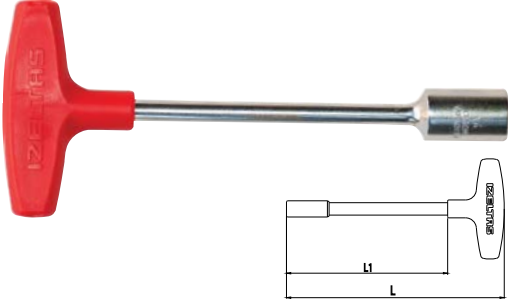


| KOD CODE | İÇERİK CONTENTS | g | | TL/Ad. |
|--------------|------------------------------|-----|---|--------|
| 4530 00 1006 | T5 - T6 - T7 - T8 - T9 - T10 | 115 | 6 | |

4765

T Kol Lokma Uçlu Tornavida (mm)
Nut Spinner With T-Handle (mm)

YENİ
NEW



Krom vanadyum, Krom kaplı, PP Saplı
Chrom vanadium, Chrom plated, PP insulated

| KOD CODE | mm | L mm | L1 mm | g | TL/Ad. |
|--------------|-----|------|-------|-----|--------|
| 4765 19 0040 | 4 | 185 | 135 | 75 | 10 |
| 4765 19 0050 | 5 | 185 | 135 | 75 | 10 |
| 4765 19 0055 | 5.5 | 185 | 135 | 75 | 10 |
| 4765 19 0060 | 6 | 185 | 135 | 75 | 10 |
| 4765 19 0070 | 7 | 185 | 135 | 90 | 10 |
| 4765 19 0080 | 8 | 185 | 135 | 95 | 10 |
| 4765 19 0090 | 9 | 185 | 135 | 100 | 10 |
| 4765 19 0100 | 10 | 185 | 135 | 100 | 10 |
| 4765 19 0110 | 11 | 185 | 135 | 110 | 10 |
| 4765 19 0120 | 12 | 185 | 135 | 110 | 10 |
| 4765 19 0130 | 13 | 185 | 135 | 115 | 10 |
| 4765 19 0140 | 14 | 185 | 135 | 115 | 10 |

4770

Lokma Uçlu Tornavida (mm)
Nut Spinner (mm)

DIN 3125



Krom vanadyum, Krom kaplı, PP Saplı
Chrom vanadium, Chrom plated, PP insulated

| KOD CODE | mm | L mm | L1 mm | g | TL/Ad. |
|--------------|-----|------|-------|-----|--------|
| 4770 19 0040 | 4 | 220 | 125 | 80 | 10 |
| 4770 19 0050 | 5 | 220 | 125 | 80 | 10 |
| 4770 19 0055 | 5.5 | 220 | 125 | 80 | 10 |
| 4770 19 0060 | 6 | 220 | 125 | 80 | 10 |
| 4770 19 0070 | 7 | 230 | 125 | 100 | 10 |
| 4770 19 0080 | 8 | 230 | 125 | 110 | 10 |
| 4770 19 0090 | 9 | 230 | 125 | 115 | 10 |
| 4770 19 0100 | 10 | 230 | 125 | 115 | 10 |
| 4770 19 0110 | 11 | 230 | 125 | 130 | 10 |
| 4770 19 0120 | 12 | 230 | 125 | 135 | 10 |
| 4770 19 0130 | 13 | 230 | 125 | 140 | 10 |
| 4770 19 0140 | 14 | 230 | 125 | 140 | 10 |

6



4770

Lokma Uçlu Tornavida Seti (8 Parça, mm)
Nut Spinner Set (8 Pcs, mm)



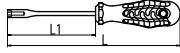
| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|------------------------------------|------|--------|
| 4770 00 8108 | 6 - 7 - 8 - 9 - 10 11 - 12 - 13 | 2145 | 8 |

4773

1000V Süngüsü İzoleli Lokma Uçlu Tornavida
Nut Spinner, Electrician Blade Insulated 1000V

DIN 3125

YENİ
NEW



Krom vanadyum, PP saplı
Chrome vanadium, PP handle

| KOD CODE | mm | L mm | L1 mm | g | | TL/Ad. |
|--------------|-----|------|-------|-----|----|--------|
| 4773 19 0040 | 4 | 220 | 125 | 90 | 10 | |
| 4773 19 0050 | 5 | 220 | 125 | 90 | 10 | |
| 4773 19 0055 | 5.5 | 220 | 125 | 90 | 10 | |
| 4773 19 0060 | 6 | 220 | 125 | 90 | 10 | |
| 4773 19 0070 | 7 | 230 | 125 | 110 | 10 | |
| 4773 19 0080 | 8 | 230 | 125 | 120 | 10 | |
| 4773 19 0090 | 9 | 230 | 125 | 125 | 10 | |
| 4773 19 0100 | 10 | 230 | 125 | 125 | 10 | |
| 4773 19 0110 | 11 | 230 | 125 | 140 | 10 | |
| 4773 19 0120 | 12 | 230 | 125 | 145 | 10 | |
| 4773 19 0130 | 13 | 230 | 125 | 150 | 10 | |
| 4773 19 0140 | 14 | 230 | 125 | 150 | 10 | |

4773

1000V Süngüsü İzoleli Lokma Uçlu Tornavida Seti (8 Parça)
Nut Spinner, Electrician Blade Insulated Set (8 Pcs)
1000V

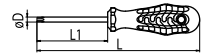
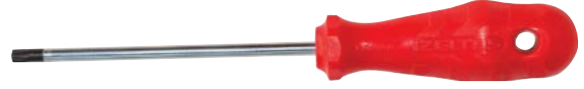
YENİ
NEW



| KOD CODE | İÇERİK CONTENTS | g | | TL/Ad. |
|--------------|-----------------------------------|------|---|--------|
| 4773 00 8108 | 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 | 2225 | 8 | |

4775

Torx® Uçlu Tornavida
Torx® Screwdriver



Krom vanadyum, Krom kaplı, Ucu siyah oksit, PP saplı
Chrome vanadium, Chrom plated and blackened, PP handle

| KOD CODE | ØDxL1 mm | ☆ | L mm | g | | TL/Ad. |
|--------------|----------|-----|------|-----|----|--------|
| 4775 18 0010 | 4x80 | T10 | 165 | 35 | 10 | |
| 4775 18 0015 | 4x80 | T15 | 165 | 35 | 10 | |
| 4775 18 0020 | 4x100 | T20 | 185 | 40 | 10 | |
| 4775 18 0025 | 4.5x100 | T25 | 185 | 40 | 10 | |
| 4775 18 0027 | 5x125 | T27 | 220 | 60 | 10 | |
| 4775 18 0030 | 6x125 | T30 | 220 | 70 | 10 | |
| 4775 18 0040 | 7x125 | T40 | 230 | 100 | 10 | |
| 4775 18 0045 | 8x125 | T45 | 230 | 120 | 10 | |

4775

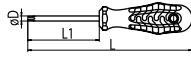
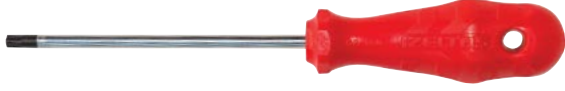
Torx® Uçlu Tornavida Seti (7 Parça)
Torx® Screwdriver Set (7 Pcs)



| KOD CODE | İÇERİK CONTENTS | g | | TL/Ad. |
|--------------|---|-----|---|--------|
| 4775 00 8107 | T10 - T15 - T20 - T25 - T27 - T30 - T40 | 380 | 7 | |

4776

Delikli Torx® Uçlu Tornavida
Torx® Screwdriver / Tamper Resistance



Krom vanadyum, Krom kaplı, Ucu siyah oksit, PP saplı
Chrome vanadium, Chrom plated and blackened, PP handle

6

| KOD CODE | ØDxL1 mm | | L mm | g | | TL/Ad. |
|--------------|----------|------|------|-----|----|--------|
| 4776 18 0009 | 4x60 | TR9 | 145 | 35 | 10 | |
| 4776 18 0010 | 4x80 | TR10 | 165 | 35 | 10 | |
| 4776 18 0015 | 4x80 | TR15 | 165 | 40 | 10 | |
| 4776 18 0020 | 4x100 | TR20 | 185 | 40 | 10 | |
| 4776 18 0025 | 4.5x100 | TR25 | 185 | 45 | 10 | |
| 4776 18 0027 | 5x125 | TR27 | 220 | 60 | 10 | |
| 4776 18 0030 | 6x125 | TR30 | 220 | 70 | 10 | |
| 4776 18 0040 | 7x125 | TR40 | 230 | 100 | 10 | |

4776

Delikli Torx® Uçlu Tornavida Seti (7 Parça)
Torx® Screwdriver / Tamper Resistance Set (7 Pcs)



| KOD CODE | İÇERİK CONTENTS | g | | TL/Ad. |
|--------------|---|-----|---|--------|
| 4776 00 8107 | TR10 - TR15 - TR20 - TR25 - TR27 TR30 - TR40 | 380 | 7 | |

4780

Manyetik Bits Tutucu Tornavida (Uzun)
Screwdriver, Magnetic Bit Holder (Long)

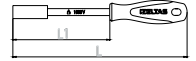


| KOD CODE | mm | L mm | L1 mm | g | | TL/Ad. |
|--------------|-----|------|-------|-----|----|--------|
| 4780 19 6120 | 6.3 | 230 | 120 | 105 | 10 | |

4783

1000V Süngüsü İzoleli Manyetik Bits Tutucu Tornavida
Screwdriver, Magnetic Bit Holder Insulated
1000V

1000 V
IEC 60900



| KOD CODE | mm | L mm | L1 mm | g | | TL/Ad. |
|--------------|-----|------|-------|-----|----|--------|
| 4783 19 6120 | 6.3 | 230 | 120 | 115 | 10 | |

4785

Manyetik Bits Tutucu Tornavida (Kısa)
Screwdriver, Magnetic Bit Holder, (Short)



| KOD CODE | mm | L mm | L1 mm | g | | TL/Ad. |
|--------------|-----|------|-------|----|----|--------|
| 4785 19 6330 | 6.3 | 130 | 30 | 60 | 10 | |

4790

Üniversal Bits Adaptörü (Manyetik)
Screwdriver Universal Bit Holder (Magnetic)



| KOD CODE | mm | mm | L mm | g | | TL/Ad. |
|--------------|-----|-----|------|----|----|--------|
| 4790 26 6360 | 6.3 | 6.3 | 60 | 25 | 10 | |

4795

T Tipi Manyetik Bits Tutucu Tornavida
Magnetic Bit Holder With T-Handle



| KOD CODE | mm | L mm | L1 mm | g | TL/Ad. |
|--------------|-----|------|-------|----|--------|
| 4795 19 0010 | 6.3 | 185 | 130 | 60 | 10 |

4788

Manyetik Bits Tutucu Tornavida, Flexible
Screwdriver, Magnetic Bit Holder, Flexible



| KOD CODE | mm | L mm | L1 mm | g | TL/Ad. |
|--------------|-----|------|-------|-----|--------|
| 4788 19 6160 | 6.3 | 275 | 170 | 130 | 10 |

4815

Değişken Bits Uçlu Tornavida Set (7 parça)
Screwdriver - Interchangeable Bits Set (7 pcs)



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|---|-----|--------|
| 4815 00 6107 | 100mm Sap Ph1x4.5 Ph2x5.5 Ph3x7 Pz1x4.5 Pz2x5.5 Pz3x7 | 140 | 1 |

4800

6'lı Bits Set
Bit Set (6 Pcs)



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|-------------------|----|--------|
| 4800 00 8106 | 0.6x4.5 - 0.8x5.5 | 50 | 6 |
| | Ph1 - Ph2 - Ph3 | | |
| | T27 | | |

4800

10'lu Bits Set
Bit Set (10 Pcs)



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|------------------------------|----|--------|
| 4800 00 8110 | 0.6x4.5 - 0.8x5.5 1.2x6.5 | 55 | 10 |
| | Ph1 - Ph2 - Ph3 | | |
| | T25 - T27 - T30 - T40 | | |

4800

31'li Bits Takım (Plastik Kutulu)
Bit Set In Plastic Case (31 Pcs)

YENİ NEW



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|-------------------|-----|--------|
| 4800 00 8131 | 0.6x4.5 - 0.8x5.5 | 385 | 3 - 3 |
| | 1.2x6.5 | | 4 |
| | Ph1 | | 3 |
| | Ph2 - Ph3 | | 6 - 6 |
| | T27 | | 2 |
| | T25 - T30 - T40 | | 1-1-1 |
| | 6.3 x 60 Adaptör | | 1 |

4810-4860

Düz Bits Uçlar

Bits Flat

25mm-50mm-75mm-100mm-150mm



YENİ
NEW



Krom vanadyum
Chrom vanadium

4820-4870

Yıldız Bits Uçlar

Bits Phillips

25mm-50mm-75mm-100mm-150mm



YENİ
NEW



Krom vanadyum
Chrom vanadium

6

| KOD CODE | ⊖ | L mm | g | □ | TL/Ad. |
|--------------|---------|------|----|----|--------|
| 4810 20 0645 | 0.6x4.5 | 25 | 5 | 10 | |
| 4810 20 0855 | 0.8x5.5 | 25 | 5 | 10 | |
| 4810 20 1265 | 1.2x6.5 | 25 | 5 | 10 | |
| 4810 20 5645 | 0.6x4.5 | 50 | 10 | 10 | |
| 4810 20 5855 | 0.8x5.5 | 50 | 10 | 10 | |
| 4810 20 5265 | 1.2x6.5 | 50 | 10 | 10 | |
| 4860 20 0745 | 4.5 | 75 | 11 | 10 | |
| 4860 20 0755 | 5.5 | 75 | 13 | 10 | |
| 4860 20 0765 | 6.5 | 75 | 15 | 10 | |
| 4860 20 1045 | 4.5 | 100 | 14 | 10 | |
| 4860 20 1055 | 5.5 | 100 | 17 | 10 | |
| 4860 20 1065 | 6.5 | 100 | 18 | 10 | |
| 4860 20 1545 | 4.5 | 150 | 21 | 10 | |
| 4860 20 1555 | 5.5 | 150 | 26 | 10 | |
| 4860 20 1565 | 6.5 | 150 | 28 | 10 | |

| KOD CODE | ⊕ | L mm | g | □ | TL/Ad. |
|--------------|-----|------|----|----|--------|
| 4820 21 0001 | Ph1 | 25 | 5 | 10 | |
| 4820 21 0002 | Ph2 | 25 | 5 | 10 | |
| 4820 21 0003 | Ph3 | 25 | 5 | 10 | |
| 4820 21 0011 | Ph1 | 50 | 10 | 10 | |
| 4820 21 0012 | Ph2 | 50 | 10 | 10 | |
| 4820 21 0013 | Ph3 | 50 | 10 | 10 | |
| 4870 21 0701 | Ph1 | 75 | 17 | 10 | |
| 4870 21 0702 | Ph2 | 75 | 18 | 10 | |
| 4870 21 0703 | Ph3 | 75 | 18 | 10 | |
| 4870 21 1001 | Ph1 | 100 | 20 | 10 | |
| 4870 21 1002 | Ph2 | 100 | 24 | 10 | |
| 4870 21 1003 | Ph3 | 100 | 24 | 10 | |
| 4870 21 1501 | Ph1 | 150 | 23 | 10 | |
| 4870 21 1502 | Ph2 | 150 | 33 | 10 | |
| 4870 21 1503 | Ph3 | 150 | 33 | 10 | |

4810

Düz Bits Set (25 mm)

Flat Bit Set (25 mm)



| KOD CODE | ⊖ | g | □ | TL/Ad. |
|--------------|---------|----|----|--------|
| 4810 00 0645 | 0.6x4.5 | 45 | 10 | |
| 4810 00 0855 | 0.8x5.5 | 50 | 10 | |
| 4810 00 1265 | 1.2x6.5 | 55 | 10 | |

4820

Yıldız Bits Set (25 mm)

Phillips Bit Set (25 mm)



| KOD CODE | ⊕ | g | □ | TL/Ad. |
|--------------|-----|----|----|--------|
| 4820 00 0001 | Ph1 | 50 | 10 | |
| 4820 00 0002 | Ph2 | 50 | 10 | |
| 4820 00 0003 | Ph3 | 55 | 10 | |

4825-4880

Pozidriv Bits Uçlar

Bits Pozidriv

25mm-50mm-75mm-100mm-150mm



Krom vanadyum
Chrom vanadium

| KOD CODE | + | L mm | g | TL/Ad. |
|--------------|-----|------|----|--------|
| 4825 21 0001 | Pz1 | 25 | 5 | 10 |
| 4825 21 0002 | Pz2 | 25 | 5 | 10 |
| 4825 21 0003 | Pz3 | 25 | 5 | 10 |
| 4825 21 0011 | Pz1 | 50 | 10 | 10 |
| 4825 21 0012 | Pz2 | 50 | 10 | 10 |
| 4825 21 0013 | Pz3 | 50 | 10 | 10 |
| 4880 21 0701 | Pz1 | 75 | 17 | 10 |
| 4880 21 0702 | Pz2 | 75 | 18 | 10 |
| 4880 21 0703 | Pz3 | 75 | 18 | 10 |
| 4880 21 1001 | Pz1 | 100 | 20 | 10 |
| 4880 21 1002 | Pz2 | 100 | 24 | 10 |
| 4880 21 1003 | Pz3 | 100 | 24 | 10 |
| 4880 21 1501 | Pz1 | 150 | 23 | 10 |
| 4880 21 1502 | Pz2 | 150 | 33 | 10 |
| 4880 21 1503 | Pz3 | 150 | 33 | 10 |

4830-4885

Torx® Bits Uçlar

Bits Torx®

25mm-50mm-75mm-100mm-150mm



Krom vanadyum
Chrom vanadium

| KOD CODE | + | L mm | g | TL/Ad. |
|--------------|-----|------|----|--------|
| 4830 21 0025 | T25 | 25 | 5 | 10 |
| 4830 21 0027 | T27 | 25 | 5 | 10 |
| 4830 21 0030 | T30 | 25 | 5 | 10 |
| 4830 21 0040 | T40 | 25 | 5 | 10 |
| 4830 21 0125 | T25 | 50 | 10 | 10 |
| 4830 21 0127 | T27 | 50 | 10 | 10 |
| 4830 21 0130 | T30 | 50 | 10 | 10 |
| 4830 21 0140 | T40 | 50 | 10 | 10 |
| 4885 21 0725 | T25 | 75 | 12 | 10 |
| 4885 21 0727 | T27 | 75 | 15 | 10 |
| 4885 21 0730 | T30 | 75 | 15 | 10 |
| 4885 21 0740 | T40 | 75 | 17 | 10 |
| 4885 21 1025 | T25 | 100 | 15 | 10 |
| 4885 21 1027 | T27 | 100 | 20 | 10 |
| 4885 21 1030 | T30 | 100 | 20 | 10 |
| 4885 21 1040 | T40 | 100 | 23 | 10 |
| 4885 21 1525 | T25 | 150 | 20 | 10 |
| 4885 21 1527 | T27 | 150 | 25 | 10 |
| 4885 21 1530 | T30 | 150 | 25 | 10 |
| 4885 21 1540 | T40 | 150 | 33 | 10 |

6

4825

Pozidriv Bits Set (25 mm)

Pozidriv Bit Set (25 mm)



| KOD CODE | + | g | TL/Ad. |
|--------------|-----|----|--------|
| 4825 00 0001 | Pz1 | 50 | 10 |
| 4825 00 0002 | Pz2 | 55 | 10 |
| 4825 00 0003 | Pz3 | 55 | 10 |

4830

Torx® Bits Set (25 mm)

Torx® Bit Set (25 mm)



| KOD CODE | + | g | TL/Ad. |
|--------------|-----|----|--------|
| 4830 00 0025 | T25 | 50 | 10 |
| 4830 00 0027 | T27 | 50 | 10 |
| 4830 00 0030 | T30 | 55 | 10 |
| 4830 00 0040 | T40 | 60 | 10 |

4850

75mm Uzun Bits Uç Takımı (13 Parça)
Bit Set, Long Type 75 mm (13 Pcs)

75mm

YENİ
NEW



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|--|-----|--------|
| 4850 00 0713 | Düz Uçlar Flat Bits 4.5 - 5.5 - 6.5 | 204 | 13 |
| | Yıldız Uçlar Phillips Bits Ph1 - Ph2 - Ph3 | | |
| | Pozidriv Uçlar Pozidriv Bits Pz1 - Pz2 - Pz3 | | |
| | Torx® Uçlar Torx® Bits T25 - T27 T30 - T40 | | |

4850

100mm Uzun Bits Uç Takımı (13 Parça)
Bit Set, Long Type 100 mm (13 Pcs)

100mm

YENİ
NEW



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|---|-----|--------|
| 4850 00 1013 | Düz Uçlar Flat Bits 4.5 - 5.5 - 6.5 | 263 | 13 |
| | Yıldız Uçlar Phillips Bits Ph1 - Ph2 - Ph3 | | |
| | Pozidriv Uçlar Pozidriv Bits Pz1 - Pz2 - Pz3 | | |
| | Torx® Uçlar Torx® Bits T25 - T27 - T30 - T40 | | |

4850

150mm Uzun Bits Uç Takımı (13 Parça)
Bit Set, Long Type 150 mm (13 Pcs)

150mm

YENİ
NEW



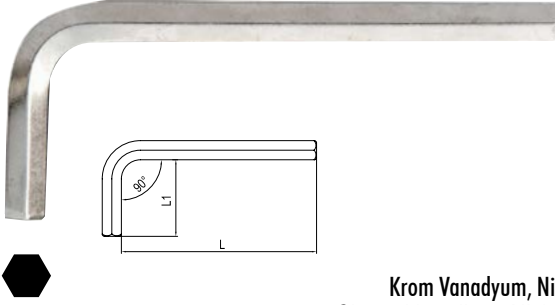
| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|---|-----|--------|
| 4850 00 1513 | Düz Uçlar Flat Bits 4.5 - 5.5 - 6.5 | 356 | 13 |
| | Yıldız Uçlar Phillips Bits Ph1 - Ph2 - Ph3 | | |
| | Pozidriv Uçlar Pozidriv Bits Pz1 - Pz2 - Pz3 | | |
| | Torx® Uçlar Torx® Bits T25 - T27 - T30 - T40 | | |



4900

Allen Anahtar Altı Köşe (mm) Hex Key Wrench (mm)

TS ISO 2936
DIN ISO 2936

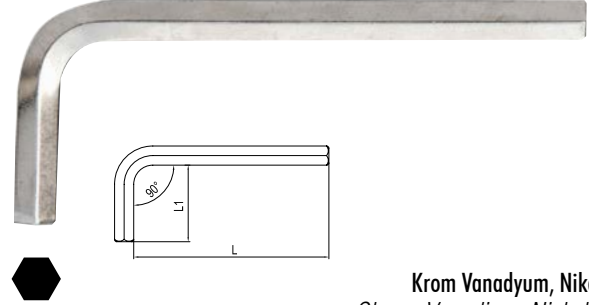


Krom Vanadyum, Nikel Kaplı
Chrom Vanadium, Nickel Plated

| KOD CODE | mm | L mm | L1 mm | g | TL/Ad. |
|--------------|-----|------|-------|------|--------|
| 4900 22 0015 | 1.5 | 45 | 14 | 1.5 | 10 |
| 4900 22 0020 | 2 | 50 | 16 | 2 | 10 |
| 4900 22 0025 | 2.5 | 56 | 18 | 4 | 10 |
| 4900 22 0030 | 3 | 63 | 20 | 6 | 10 |
| 4900 22 0035 | 3.5 | 66 | 22 | 8 | 10 |
| 4900 22 0040 | 4 | 70 | 25 | 10 | 10 |
| 4900 22 0050 | 5 | 80 | 28 | 20 | 10 |
| 4900 22 0060 | 6 | 90 | 32 | 30 | 10 |
| 4900 22 0070 | 7 | 95 | 34 | 40 | 10 |
| 4900 22 0080 | 8 | 100 | 36 | 55 | 10 |
| 4900 22 0090 | 9 | 105 | 38 | 75 | 10 |
| 4900 22 0100 | 10 | 112 | 40 | 100 | 10 |
| 4900 22 0120 | 12 | 125 | 45 | 160 | 10 |
| 4900 22 0140 | 14 | 140 | 56 | 250 | 5 |
| 4900 22 0160 | 16 | 152 | 60 | 375 | 5 |
| 4900 22 0170 | 17 | 160 | 63 | 425 | 5 |
| 4900 22 0190 | 19 | 180 | 70 | 610 | 5 |
| 4900 22 0220 | 22 | 200 | 80 | 940 | 5 |
| 4900 22 0240 | 24 | 224 | 90 | 1250 | 5 |

4901

Allen Anahtar Altı Köşe (SAE) Hex Key Wrench (SAE)



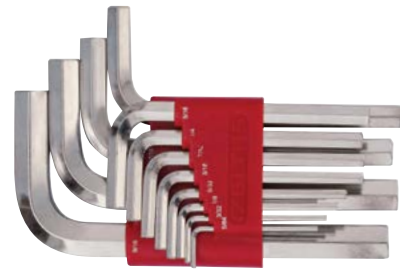
Krom Vanadyum, Nikel Kaplı
Chrom Vanadium, Nickel Plated

| KOD CODE | inch | L mm | L1 mm | g | TL/Ad. |
|--------------|-------|------|-------|-----|--------|
| 4901 22 1984 | 5/64" | 50 | 16 | 2 | 10 |
| 4901 22 2381 | 3/32" | 54 | 18 | 4 | 10 |
| 4901 22 3125 | 1/8" | 58 | 20 | 5 | 10 |
| 4901 22 3968 | 5/32" | 62 | 22 | 10 | 10 |
| 4901 22 4762 | 3/16" | 68 | 24 | 15 | 10 |
| 4901 22 5556 | 7/32" | 74 | 26 | 25 | 10 |
| 4901 22 6350 | 1/4" | 82 | 28 | 35 | 10 |
| 4901 22 7937 | 5/16" | 94 | 32 | 55 | 10 |
| 4901 22 9825 | 3/8" | 106 | 38 | 90 | 10 |
| 4901 22 1111 | 7/16" | 118 | 42 | 130 | 10 |
| 4901 22 1270 | 1/2" | 132 | 46 | 190 | 10 |
| 4901 22 1428 | 9/16" | 144 | 52 | 265 | 10 |
| 4901 22 1587 | 5/8" | 156 | 58 | 365 | 10 |
| 4901 22 1905 | 3/4" | 176 | 66 | 600 | 5 |

6

4901

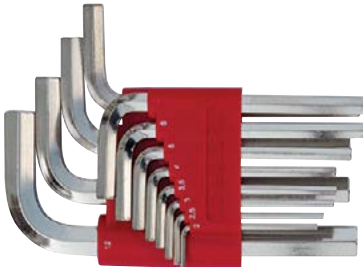
Allen Anahtar Takım Altı Köşe (SAE) Hex Key Wrench Set (SAE)



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|---|-----|--------|
| 4901 00 3110 | 5/64" - 3/32" - 1/8" - 5/32" 3/16" - 7/32" - 1/4" - 5/16" 3/8" - 7/16" | 405 | 10 |
| 4901 00 3112 | 5/64" - 3/32" - 1/8" - 5/32" 3/16" - 7/32" - 1/4" - 5/16" 3/8" - 7/16" - 1/2" - 9/16" | 855 | 12 |

4900

Allen Anahtar Takım Altı Köşe (mm) Hex Key Wrench Set (mm)

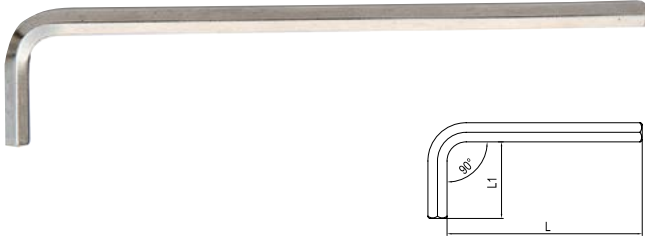


| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|--|-----|--------|
| 4900 00 3110 | 2 - 2.5 - 3 - 4 - 5 - 6 7 - 8 - 9 - 10 | 400 | 10 |
| 4900 00 3112 | 2 - 2.5 - 3 - 3.5 - 4 - 5 6 - 7 - 8 - 9 - 10 - 12 | 565 | 12 |

4903

Allen Anahtar Altı Köşe Uzun Boy (mm)
Hex Key Wrench Long Pattern (mm)

TS ISO 2936
DIN ISO 2936



Krom Vanadyum, Nikel Kaplı
Chrom Vanadium, Nickel Plated

| KOD CODE | mm | L mm | L1 mm | g | TL/Ad. |
|--------------|-----|-------|-------|------|--------|
| 4903 22 0020 | 2 | 100 | 16 | 3 | 10 |
| 4903 22 0025 | 2.5 | 112 | 18 | 5 | 10 |
| 4903 22 0030 | 3 | 126 | 20 | 10 | 10 |
| 4903 22 0035 | 3.5 | 136.5 | 22 | 15 | 10 |
| 4903 22 0040 | 4 | 140 | 25 | 20 | 10 |
| 4903 22 0050 | 5 | 160 | 28 | 30 | 10 |
| 4903 22 0060 | 6 | 180 | 32 | 50 | 10 |
| 4903 22 0070 | 7 | 190 | 34 | 80 | 10 |
| 4903 22 0080 | 8 | 200 | 36 | 100 | 10 |
| 4903 22 0090 | 9 | 210 | 38 | 145 | 10 |
| 4903 22 0100 | 10 | 224 | 40 | 180 | 10 |
| 4903 22 0120 | 12 | 250 | 45 | 285 | 10 |
| 4903 22 0140 | 14 | 280 | 56 | 460 | 5 |
| 4903 22 0160 | 16 | 300 | 60 | 625 | 5 |
| 4903 22 0170 | 17 | 320 | 63 | 750 | 5 |
| 4903 22 0190 | 19 | 360 | 70 | 1100 | 5 |

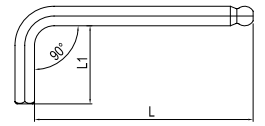
6

4905

Yuvarlak Başlı Allen Anahtar (mm)
Hex Key Wrench Ballpoint (mm)



Krom Vanadyum, Nikel Kaplı
Chrom Vanadium, Nickel Plated



| KOD CODE | mm | L mm | L1 mm | g | TL/Ad. |
|--------------|-----|------|-------|-----|--------|
| 4905 22 0020 | 2 | 50 | 16 | 3 | 10 |
| 4905 22 0025 | 2.5 | 56 | 18 | 4 | 10 |
| 4905 22 0030 | 3 | 63 | 20 | 5 | 10 |
| 4905 22 0040 | 4 | 70 | 25 | 10 | 10 |
| 4905 22 0050 | 5 | 80 | 28 | 20 | 10 |
| 4905 22 0060 | 6 | 90 | 32 | 30 | 10 |
| 4905 22 0080 | 8 | 100 | 36 | 55 | 10 |
| 4905 22 0100 | 10 | 112 | 40 | 100 | 10 |

4903

Allen Anahtar Takım Altı Köşe Uzun Boy (mm)
Hex Key Wrench Set Long Pattern (mm)



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|--|-----|--------|
| 4903 00 3110 | 2 - 2.5 - 3 - 4 - 5 - 6 7 - 8 - 9 - 10 | 660 | 10 |
| 4903 00 3112 | 2 - 2.5 - 3 - 3.5 - 4 - 5 6 - 7 - 8 - 9 - 10 - 12 | 940 | 12 |

4905

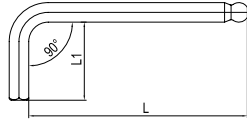
Yuvarlak Başlı Allen Anahtar Takımı (8 Parça, mm)
Hex Key Wrench Ballpoint Set (8 Pcs, mm)



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|-----------------------------------|-----|--------|
| 4905 00 7108 | 2 - 2.5 - 3 - 4 5 - 6 - 8 - 10 | 275 | 8 |

4906

Yuvarlak Başlı Allen Anahtar Uzun Boy (mm)
Hex Key Wrench Ballpoint Long Pattern (mm)

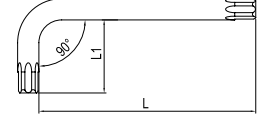
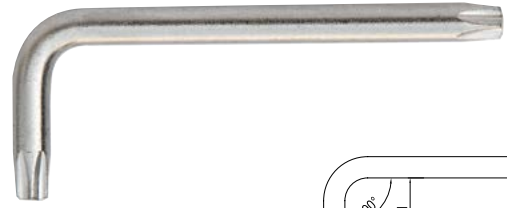


Krom Vanadyum, Nikel Kaplı
Chrom Vanadium, Nickel Plated

| KOD CODE | mm | L mm | L1 mm | g | TL/Ad. |
|--------------|-----|------|-------|-----|--------|
| 4906 22 0015 | 1.5 | 79 | 12 | 1.5 | 10 |
| 4906 22 0020 | 2 | 84 | 16 | 3 | 10 |
| 4906 22 0025 | 2.5 | 89 | 16 | 5 | 10 |
| 4906 22 0030 | 3 | 99 | 18 | 7 | 10 |
| 4906 22 0040 | 4 | 109 | 23 | 13 | 10 |
| 4906 22 0050 | 5 | 125 | 26 | 25 | 10 |
| 4906 22 0060 | 6 | 150 | 28 | 42 | 10 |
| 4906 22 0080 | 8 | 167 | 33 | 85 | 10 |
| 4906 22 0100 | 10 | 190 | 37 | 150 | 10 |

4910

Torx® Allen Anahtar
Torx® Key Wrench



Krom Vanadyum, Nikel Kaplı
Chrom Vanadium, Nickel Plated

| KOD CODE | ☆ | L mm | L1 mm | g | TL/Ad. |
|--------------|-----|------|-------|-----|--------|
| 4910 22 0006 | T6 | 42 | 16 | 2 | 10 |
| 4910 22 0007 | T7 | 48 | 16 | 2 | 10 |
| 4910 22 0008 | T8 | 48 | 16 | 3 | 10 |
| 4910 22 0009 | T9 | 48 | 16 | 3 | 10 |
| 4910 22 0010 | T10 | 51 | 17 | 4 | 10 |
| 4910 22 0015 | T15 | 54 | 18 | 5 | 10 |
| 4910 22 0020 | T20 | 57 | 19 | 5 | 10 |
| 4910 22 0025 | T25 | 60 | 20 | 10 | 10 |
| 4910 22 0027 | T27 | 64 | 21 | 15 | 10 |
| 4910 22 0030 | T30 | 70 | 24 | 20 | 10 |
| 4910 22 0040 | T40 | 76 | 26 | 30 | 10 |
| 4910 22 0045 | T45 | 83 | 29 | 40 | 10 |
| 4910 22 0050 | T50 | 95 | 32 | 60 | 10 |
| 4910 22 0055 | T55 | 108 | 35 | 125 | 10 |
| 4910 22 0060 | T60 | 120 | 38 | 185 | 10 |

6

4906

Yuvarlak Başlı Allen Anahtar Takım Altı Köşe Uzun Boy (9 parça, mm)
Hex Key Wrench Ballpoint Long Pattern Set (9 Pcs, mm)



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|---|-----|--------|
| 4906 00 3109 | 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 8 - 10 | 355 | 9 |

4910

Torx® Allen Anahtar Takımı (8 Parça)
Torx® Key Wrench Set (8 Pcs)



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|--|-----|--------|
| 4910 00 7108 | T9 - T10 - T15 T20 - T25 - T27 T30 - T40 | 155 | 8 |

4912

Kaset Allen Anahtar Takımı (7 Parça, mm)
Hex Key Wrench Folding Set (7 Pcs, mm)



Krom vanadyumu
Chrom vanadium

| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|-------------------------------|-----|--------|
| 4912 00 3107 | 2.5 - 3 - 4 - 5 - 6 - 8 - 10 | 355 | 1 |
| 4912 00 0007 | 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 | 130 | 1 |

4909

T Tipi Torx Allen Anahtar
T Handle Torx Key Wrench



Krom vanadyum, Nikel kaplı, PP saplı
Chrom vanadium, Nickel plated, PP handle

| KOD CODE | ☆ | L1 mm | L2 mm | g | TL/Ad. |
|--------------|-----|-------|-------|-----|--------|
| 4909 22 0009 | T9 | 125 | 15 | 22 | 5 |
| 4909 22 0010 | T10 | 125 | 15 | 22 | 5 |
| 4909 22 0015 | T15 | 125 | 15 | 26 | 5 |
| 4909 22 0020 | T20 | 125 | 15 | 44 | 5 |
| 4909 22 0025 | T25 | 150 | 20 | 49 | 5 |
| 4909 22 0027 | T27 | 150 | 20 | 62 | 5 |
| 4909 22 0030 | T30 | 150 | 20 | 82 | 5 |
| 4909 22 0040 | T40 | 175 | 25 | 100 | 5 |

4909

T Tipi Torx Allen Anahtar Takımı (8 Parça)
T Handle Torx Key Wrench Set (8 Pcs)

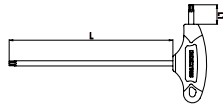


| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|---|-----|--------|
| 4909 00 8108 | T9 - T10 - T15 - T20 T25 - T27 - T30 - T40 | 407 | 8 |



4920

T Tipi Allen Anahtar (mm)
Hex Key Wrench T - Handle (mm)



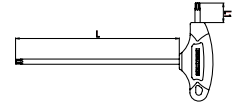
Krom Vanadyum
Chrom Vanadium



| KOD CODE | mm | L mm | L1 mm | g | TL/Ad. |
|--------------|-----|------|-------|-----|--------|
| 4920 22 0025 | 2.5 | 110 | 14 | 20 | 5 |
| 4920 22 0030 | 3 | 125 | 17 | 23 | 5 |
| 4920 22 0040 | 4 | 140 | 20 | 45 | 5 |
| 4920 22 0050 | 5 | 155 | 23 | 58 | 5 |
| 4920 22 0060 | 6 | 170 | 26 | 100 | 5 |
| 4920 22 0070 | 7 | 185 | 30 | 125 | 5 |
| 4920 22 0080 | 8 | 200 | 34 | 150 | 5 |
| 4920 22 0100 | 10 | 220 | 40 | 240 | 5 |

4921

Yuvarlak Başlı T Tipi Allen Anahtar (mm)
Hex Key Wrench T - Handle Ballpoint (mm)



Krom Vanadyum
Chrom Vanadium

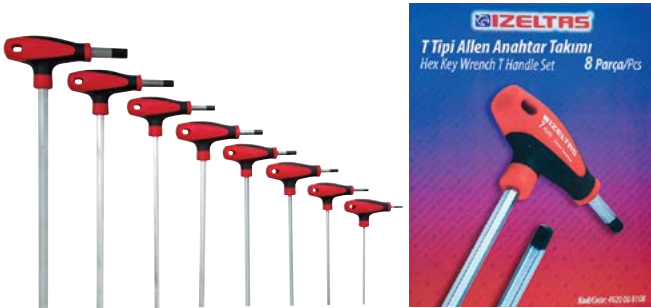


| KOD CODE | mm | L mm | L1 mm | g | TL/Ad. |
|--------------|-----|------|-------|-----|--------|
| 4921 22 0025 | 2.5 | 110 | 14 | 20 | 5 |
| 4921 22 0030 | 3 | 125 | 17 | 23 | 5 |
| 4921 22 0040 | 4 | 140 | 20 | 45 | 5 |
| 4921 22 0050 | 5 | 155 | 23 | 58 | 5 |
| 4921 22 0060 | 6 | 170 | 26 | 100 | 5 |
| 4921 22 0070 | 7 | 185 | 30 | 125 | 5 |
| 4921 22 0080 | 8 | 200 | 34 | 150 | 5 |
| 4921 22 0100 | 10 | 220 | 40 | 235 | 5 |

6

4920

T Tipi Allen Anahtar Takımı (8 Parça, mm)
Hex Key Wrench T - Handle Set (8 Pcs, mm)



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|-----------------------------------|-----|--------|
| 4920 00 8108 | 2.5 - 3 - 4 - 5 6 - 7 - 8 - 10 | 760 | 8 |

4921

Yuvarlak Başlı T Tipi Allen Anahtar Takımı (8 Parça, mm)
Hex Key Wrench T - Handle Ballpoint Set (8 Pcs, mm)



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|-----------------------------------|-----|--------|
| 4921 00 8108 | 2.5 - 3 - 4 5 - 6 - 7 - 8 - 10 | 755 | 8 |



7

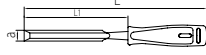
Keskiler ve Çekiçler Chisels and Hammers



Keskiler Chisels
Zimbalar Punches
Çekiçler Hammers
Keserler Adzes

5010

Iskarpela (Düz)
Wood Chisel



Özel alaşımli çelik, Uç indüksiyonda sertleştirilmiş, PP Saplı
Special steel, Induction hardened tips, PP Handle

| KOD CODE | a mm | L mm | L1 mm | g | TL/Ad. |
|--------------|------|------|-------|-----|--------|
| 5010 23 0006 | 6 | 273 | 153 | 115 | 5 |
| 5010 23 0008 | 8 | 273 | 153 | 125 | 5 |
| 5010 23 0010 | 10 | 273 | 153 | 135 | 5 |
| 5010 23 0012 | 12 | 273 | 153 | 135 | 5 |
| 5010 23 0014 | 14 | 273 | 153 | 145 | 5 |
| 5010 23 0016 | 16 | 273 | 153 | 150 | 5 |
| 5010 23 0018 | 18 | 273 | 153 | 160 | 5 |
| 5010 23 0020 | 20 | 273 | 153 | 170 | 5 |
| 5010 23 0022 | 22 | 273 | 153 | 190 | 5 |
| 5010 23 0024 | 24 | 273 | 153 | 195 | 5 |
| 5010 23 0026 | 26 | 273 | 153 | 200 | 5 |
| 5010 23 0028 | 28 | 273 | 153 | 200 | 5 |
| 5010 23 0030 | 30 | 275 | 155 | 205 | 5 |

5500

Düz Keski
Flat Cold Chisel

TS 492
DIN 6453



Özel alaşımli çelik, Krom kaplı
Special steel, Chrom plated

| KOD CODE | L mm | a mm | g | TL/Ad. |
|--------------|------|------|-----|--------|
| 5500 23 0100 | 100 | 17 | 75 | 5 |
| 5500 23 0125 | 125 | 19 | 110 | 5 |
| 5500 23 0150 | 150 | 21 | 180 | 5 |
| 5500 23 0175 | 175 | 24 | 245 | 5 |
| 5500 23 0200 | 200 | 27 | 340 | 5 |
| 5500 23 0250 | 250 | 30 | 525 | 5 |
| 5500 23 0300 | 300 | 30 | 635 | 5 |

7

5010

Iskarpela Takım (6 parça)
Wood Chisel Set (6 Pcs)

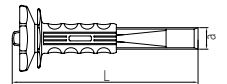


| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|------------------------------|-----|--------|
| 5010 00 8106 | 10 - 12 - 14 16 - 18 - 20 | 985 | 6 |

5500

Düz Keski (Kalkan İzoleli)
Flat Cold Chisel (With Safety Handle)

TS 492
DIN 6453



Özel alaşımli çelik, Krom kaplı
Special steel, Chrom plated

| KOD CODE | L mm | a mm | g | TL/Ad. |
|--------------|------|------|-----|--------|
| 5500 23 1250 | 250 | 30 | 700 | 1 |
| 5500 23 1300 | 300 | 30 | 790 | 1 |

5510

Tesviyeci Düz Keski
Flat Cold Chisel Octagonal

TS 492
DIN 6453

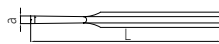


Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | a mm | g | TL/Ad. |
|--------------|------|------|-----|--------|
| 5510 23 0125 | 125 | 10 | 75 | 10 |
| 5510 23 0150 | 150 | 14 | 125 | 10 |

5520

Tırnak Keski
Cross Cut Chisel



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | a mm | g | TL/Ad. |
|--------------|------|------|-----|--------|
| 5520 23 0125 | 130 | 5 | 70 | 10 |
| 5520 23 0150 | 150 | 6 | 110 | 10 |

5540

Nokta Zimba
Center Punch

DIN 7250



Krom vanadyum, Elektrostatik boyanmış
Chrom vanadium, Electrostatically painted

| KOD CODE | L mm | L inch | øD mm | g | TL/Ad. |
|--------------|------|--------|-------|-----|--------|
| 5540 24 4120 | 120 | 4 3/4" | 4 | 65 | 10 |
| 5540 24 5120 | 120 | 4 3/4" | 5 | 95 | 10 |
| 5540 24 5150 | 150 | 6" | 5 | 115 | 10 |
| 5540 24 0412 | 120 | 4 3/4" | 4 | 65 | 10 |

5545

Konik Pim Zimba
Drift Punch

DIN 6458



Krom vanadyum, Elektrostatik boyanmış
Chrom vanadium, Electrostatically painted

| KOD CODE | L mm | L inch | øD mm | g | TL/Ad. |
|--------------|------|--------|-------|-----|--------|
| 5545 24 0002 | 120 | 4 3/4" | 2 | 90 | 10 |
| 5545 24 0003 | 120 | 4 3/4" | 3 | 90 | 10 |
| 5545 24 0004 | 120 | 4 3/4" | 4 | 90 | 10 |
| 5545 24 0005 | 120 | 4 3/4" | 5 | 95 | 10 |
| 5545 24 0006 | 120 | 4 3/4" | 6 | 95 | 10 |
| 5545 24 0007 | 120 | 6" | 7 | 100 | 10 |
| 5545 24 0008 | 150 | 6" | 8 | 125 | 10 |
| 5545 24 0009 | 150 | 6" | 9 | 130 | 10 |
| 5545 24 0010 | 150 | 6" | 10 | 130 | 10 |
| 5545 24 0012 | 150 | 6" | 12 | 180 | 10 |
| 5545 24 0103 | 120 | 4 3/4" | 3 | 90 | 10 |

5550

Düz Pim Zimba
Split Pin Punch

DIN 6450



Krom vanadyum, Elektrostatik boyanmış
Chrom vanadium, Electrostatically painted

| KOD CODE | L mm | L inch | øD mm | g | TL/Ad. |
|--------------|------|--------|-------|-----|--------|
| 5550 24 0002 | 150 | 6" | 2 | 70 | 5 |
| 5550 24 0003 | 150 | 6" | 3 | 65 | 5 |
| 5550 24 0004 | 150 | 6" | 4 | 65 | 5 |
| 5550 24 0005 | 150 | 6" | 5 | 65 | 5 |
| 5550 24 0006 | 150 | 6" | 6 | 70 | 5 |
| 5550 24 0007 | 150 | 6" | 7 | 100 | 5 |
| 5550 24 0008 | 150 | 6" | 8 | 105 | 5 |
| 5550 24 0009 | 150 | 6" | 9 | 110 | 5 |
| 5550 24 0010 | 150 | 6" | 10 | 120 | 5 |
| 5550 24 0105 | 150 | 6" | 5 | 65 | 5 |

5550

Düz Pim Zımba Takımı (6 Parça)
Split Pin Punch (6 Pcs)



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|-----------------------|-----|--------|
| 5550 00 1006 | 3 - 4 - 5 - 6 - 7 - 8 | 865 | 6 |

5600

Keski Zımba Takımı
Chisel And Punch Set



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|--|-----|--------|
| 5600 00 6106 | 125 tevsiyeci düz keski 125 Flat Cold Chisel Octagonal | 865 | 6 |
| | 150 tevsiyeci düz keski 150 Flat Cold Chisel Octagonal | | |
| | 125 tırnak keski 125 Cross Cut Chisel | | |
| | 4x120 nokta zımba 4x120 Center Punch | | |
| | 5x150 düz pim zımba 5x150 Split PinPunch | | |
| | 3x120 konik pim zımba 3x120 Drift Punch | | |

5700

Kayış Zımba
Belt Punch

DIN 7200

TSEK



Krom vanadyum, Elektrostatik boyanmış
Chrom vanadium, Electrostatically painted

| KOD CODE | ØD mm | L mm | g | TL/Ad. |
|--------------|-------|------|-----|--------|
| 5700 24 0003 | 3 | 105 | 35 | 10 |
| 5700 24 0004 | 4 | 105 | 40 | 10 |
| 5700 24 0005 | 5 | 110 | 50 | 10 |
| 5700 24 0006 | 6 | 110 | 60 | 10 |
| 5700 24 0007 | 7 | 115 | 75 | 10 |
| 5700 24 0008 | 8 | 115 | 90 | 10 |
| 5700 24 0009 | 9 | 120 | 100 | 10 |
| 5700 24 0010 | 10 | 120 | 110 | 10 |
| 5700 24 0011 | 11 | 125 | 130 | 5 |
| 5700 24 0012 | 12 | 125 | 165 | 5 |
| 5700 24 0013 | 13 | 130 | 165 | 5 |
| 5700 24 0014 | 14 | 130 | 180 | 5 |
| 5700 24 0015 | 15 | 135 | 245 | 5 |
| 5700 24 0016 | 16 | 135 | 300 | 5 |
| 5700 24 0017 | 17 | 140 | 365 | 5 |
| 5700 24 0018 | 18 | 140 | 380 | 5 |
| 5700 24 0019 | 19 | 145 | 405 | 5 |
| 5700 24 0020 | 20 | 145 | 450 | 5 |

5700

Kayış Zımba Takımı
Belt Punch Set



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|---|------|--------|
| 5700 00 2110 | 3 - 4 - 5 - 6 - 7 8 - 9 - 10 - 11 - 12 | 845 | 10 |
| 5700 00 2112 | 3 - 4 - 5 - 6 - 7 - 8 - 9 10 - 11 - 12 - 13 - 14 | 1180 | 12 |

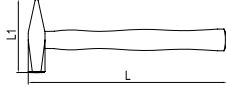
5800

Tesviyeci Çekiç Machinist Hammer

TS 5
DIN 1041
TSE



Yedek parça sayfa 165
Spare parts page 165



Özel alaşımlı çelik, İndüksiyonda sertleştirilmiş, Elektrostatik boyanmış
Special steel, Induction hardened, Electrostatically painted

| KOD CODE | L mm | L1 mm | g | g | TL/Ad. |
|--------------|------|-------|------|------|--------|
| 5800 25 0100 | 260 | 82 | 100 | 160 | 10 |
| 5800 25 0200 | 280 | 95 | 200 | 260 | 10 |
| 5800 25 0300 | 300 | 105 | 300 | 395 | 10 |
| 5800 25 0500 | 320 | 118 | 500 | 600 | 5 |
| 5800 25 1000 | 360 | 135 | 1000 | 1095 | 5 |
| 5800 25 1500 | 380 | 145 | 1500 | 1630 | 5 |
| 5800 25 2000 | 400 | 155 | 2000 | 2100 | 5 |

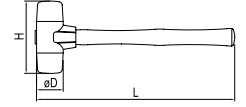
5850

Plastik Çekiç Plastic Hammer

TS 5
TSE



Yedek parça sayfa 164
Spare parts page 164



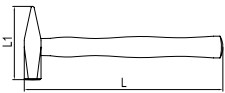
Darbeye dayanıklı, Kolay değiştirilebilir başlık
Durable and easily changeable heads

| KOD CODE | L mm | øD mm | H mm | g | TL/Ad. |
|--------------|------|-------|------|------|--------|
| 5850 25 0030 | 300 | 30 | 100 | 345 | 5 |
| 5850 25 0040 | 320 | 40 | 110 | 645 | 5 |
| 5850 25 0050 | 350 | 50 | 120 | 1015 | 5 |

5810

Emniyet Çekici Safety Hammer

TS 5

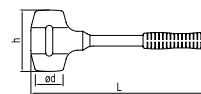


Özel alaşımlı çelik, İndüksiyonda sertleştirilmiş, Elektrostatik boyanmış
Special steel, Induction hardened, Electrostatically painted

| KOD CODE | L mm | L1 mm | g | g | TL/Ad. |
|--------------|------|-------|------|------|--------|
| 5810 25 1000 | 260 | 135 | 1000 | 1095 | 5 |
| 5810 25 1500 | 280 | 145 | 1500 | 1630 | 5 |
| 5810 25 2000 | 400 | 155 | 2000 | 2100 | 5 |

5870

Lastik Çekiç Rubber Hammer



Emniyet çekici

Çekiç kafası ile sapın birleşiminde yuvarlak kama ve yapışkan malzeme kullanılarak sağlamlığı artırılmış ayrıca birleşimi çelik sac malzeme ile desteklenerek güvenli kullanım sağlanmıştır.

Safety Hammer

Connection between the hammer head and the handle is ensured by circular wedge and epoxy glue, while it is also reinforced by sheet metal for safe use.

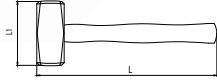
| KOD CODE | L mm | ød mm | h mm | g | g | TL/Ad. |
|--------------|------|-------|------|-----|-----|--------|
| 5870 25 0400 | 300 | 47 | 104 | 400 | 610 | 5 |

5865

Madırğa
Mallet

TS 5

YENİ
NEW



Yedek parça sayfa 165
Spare parts page 165

Özel alaşımli çelik
Special steel

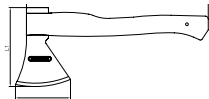
| KOD CODE | L mm | L1 mm | | | | TL/Ad. |
|--------------|---------|----------|------|------|---|--------|
| 5865 25 1000 | 260 | 95 | 1000 | 1210 | 1 | |
| 5865 25 1500 | 280 | 110 | 1500 | 1770 | 1 | |

7

6410

Nacak
Hatchet

YENİ
NEW



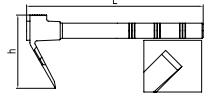
Yedek parça sayfa 165
Spare parts page 165

Özel alaşımli çelik, İndüksiyonda sertleştirilmiş, Elektrostatik boyanmış
Special steel, Induction hardened, Electrostatically painted

| KOD CODE | L mm | L1 mm | L2 mm | | | | TL/Ad. |
|--------------|---------|----------|----------|-----|------|---|--------|
| 6410 25 0800 | 380 | 165 | 115 | 800 | 1065 | 1 | |

6400

Keser
Adze



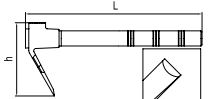
Yedek parça sayfa 164
Spare parts page 164

Özel alaşımli çelik, İndüksiyonda sertleştirilmiş,
Elektrostatik boyanmış, PVC ağız koruyucu
Special steel, Induction hardened, Electrostatically painted,
PVC cutting edge protector

| KOD CODE | L mm | h mm | | | | TL/Ad. |
|--------------|---------|---------|-----|-----|---|--------|
| 6400 25 0600 | 400 | 125 | 400 | 550 | 5 | |

6401

Usta Keseri
Master Adze



Yedek parça sayfa 164
Spare parts page 164

Özel alaşımli çelik, İndüksiyonda sertleştirilmiş,
Elektrostatik boyanmış, PVC ağız koruyucu
Special steel, Induction hardened, Electrostatically painted,
PVC cutting edge protector

| KOD CODE | L mm | h mm | | | | TL/Ad. |
|--------------|---------|---------|-----|-----|---|--------|
| 6401 25 0600 | 400 | 125 | 400 | 540 | 5 | |

8

Servis Alet ve Ekipmanları *Maintenance Tools and Equipment*



| | |
|---------------------------|-------------------------------|
| <i>Servis Aletleri</i> | <i>Service Equipment</i> |
| <i>Perçin Tabancası</i> | <i>Riveting Pliers</i> |
| <i>İşkenceler</i> | <i>Clamps</i> |
| <i>İnşaat Ekipmanları</i> | <i>Construction Equipment</i> |
| <i>Metreler</i> | <i>Measuring Tapes</i> |
| <i>Mengene</i> | <i>Forged Steel Vice</i> |
| <i>Su Terazisi</i> | <i>Straight Level</i> |
| <i>Gres Pompası</i> | <i>Grease Gun</i> |

03750

Kablo Sıyrıcı
Wire Stripper



Yedek parça sayfa 165
Spare parts page 165

| KOD CODE | ÖLÇÜ SIZE | g | | TL/Ad. |
|--------------|-----------|----|---|--------|
| 03750 50 020 | Ø8-28 | 79 | 5 | |

03752

Kablo Sıyrıcı
Cable Stripper



8

Yedek parça sayfa 165
Spare parts page 165

| KOD CODE | ÖLÇÜ SIZE | g | | TL/Ad. |
|--------------|-------------------------|----|---|--------|
| 03752 50 625 | Tek 6/300 Çok 1.5/25 | 70 | 5 | |

03751

Koaksiyel Kablo Sıyrıcı
Coaxial Cable Stripper



| KOD CODE | ÖLÇÜ SIZE | g | | TL/Ad. |
|--------------|-------------------|----|---|--------|
| 03751 50 012 | Dış (1) İç (2) | 20 | 5 | |

03753

Mekanik Kablo Sıyrıcı
Mechanical Cable Stripper



| KOD CODE | ÖLÇÜ SIZE | g | | TL/Ad. |
|--------------|-----------|-----|---|--------|
| 03753 50 054 | 0.5/4 | 100 | 5 | |

05881

Plastik, Krom Şerit Metre
Plastic, Chrom Steel Case, Measuring tapes



| KOD CODE | ÖLÇÜ SIZE M | g | MODEL | | TL/Ad. |
|--------------|-------------|-----|-----------------|---|--------|
| 05881 50 003 | 3 | 145 | Plastik/Plastic | 5 | |
| 05881 50 005 | 5 | 200 | Plastik/Plastic | 5 | |
| 05881 50 013 | 3 | 160 | Krom/Chrom | 5 | |
| 05881 50 015 | 5 | 220 | Krom/Chrom | 5 | |

05886

Arazi Tipi Fibreglas Şerit Metre (Saplı)
Fiberglass Measuring Tape Field Type (With Holder)



| KOD CODE | ÖLÇÜ SIZE M | g | | TL/Ad. |
|--------------|-------------|-----|---|--------|
| 05886 50 020 | 20 | 520 | 1 | |
| 05886 50 030 | 30 | 585 | 1 | |
| 05886 50 050 | 50 | 820 | 1 | |

05880

Su terazisi
Straight Level



Alüminyum gövde
Aluminum body

| KOD CODE | L mm | g | | TL/Ad. |
|--------------|------|-----|---|--------|
| 05880 50 040 | 400 | 250 | 5 | |
| 05880 50 050 | 500 | 300 | 5 | |
| 05880 50 060 | 600 | 350 | 5 | |
| 05880 50 070 | 700 | 400 | 5 | |
| 05880 50 080 | 800 | 450 | 5 | |
| 05880 50 100 | 1000 | 500 | 5 | |
| 05880 50 120 | 1200 | 550 | 5 | |
| 05880 50 150 | 1500 | 600 | 5 | |
| 05880 50 200 | 2000 | 800 | 5 | |

05887

Kumpas
Vernier

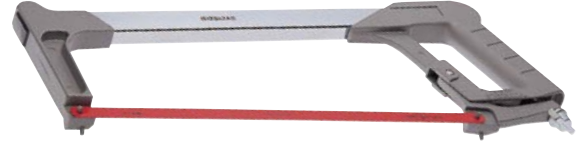


Sürgülü, Stoplu
Sliding and with stop

| KOD CODE | L mm | g | | TL/Ad. |
|--------------|------|-----|---|--------|
| 05887 50 150 | 150 | 155 | 5 | |

05890

Testere Kolu
Hacksaw Frame



Yedek parça sayfa 165
Spare parts page 165

| KOD CODE | L mm | g | | TL/Ad. |
|--------------|------|-----|---|--------|
| 05890 50 830 | 300 | 540 | 5 | |

05895

Kıl Testere Kolu (Ağaç saplı)
Hacksaw Frame (Wooden Handle)



| KOD CODE | L mm | g | | TL/Ad. |
|--------------|------|----|----|--------|
| 05895 50 150 | 150 | 95 | 10 | |

6735

Dal Budama Testeresi
Pruning Saw



Yedek parça sayfa 165
Spare parts page 165

| KOD CODE | L mm | g | | TL/Ad. |
|--------------|------|-----|---|--------|
| 6735 27 0300 | 300 | 400 | 5 | |

8

05901

Sentil (20 Parça, mm)
Feeler Gauges (20 Pcs, mm)



| KOD CODE | ÖLÇÜ SIZE mm | g | | TL/Ad. |
|--------------|--------------|----|----|--------|
| 05901 50 020 | 0.05 - 1 | 90 | 10 | |

05902

Sentil (20 Parça, SAE)
Feeler Gauges (20 Pcs, SAE)



| KOD CODE | ÖLÇÜ SIZE inch | g | | TL/Ad. |
|--------------|----------------|----|----|--------|
| 05902 50 020 | 2 - 35/1000" | 65 | 10 | |

6195

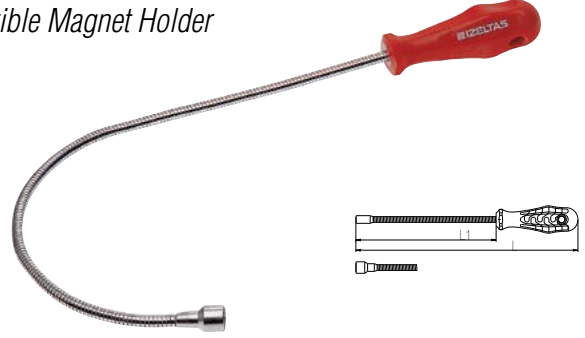
Perçin Tabancası
Riveting Pliers



| KOD CODE | ÖLÇÜ SIZE | CAPACITY mm | g | | TL/Ad. |
|--------------|-----------|---------------------|-----|---|--------|
| 6195 26 0260 | 260 | 2.5 - 3.2 - 4 - 4.8 | 625 | 1 | |

6220

Spiralli Mıknatıs
Flexible Magnet Holder



| KOD CODE | ÖLÇÜ | L mm | L1 mm | g | | TL/Ad. |
|--------------|------|------|-------|-----|----|--------|
| 6220 26 0500 | 500 | 465 | 375 | 100 | 10 | |
| 6220 26 1000 | 1000 | 465 | 375 | 105 | 10 | |

6225

Madeni Yağdanlık (Flexible Uçlu)
Oiler With Flexible Spout



| KOD CODE | ÖLÇÜ SIZE cc | g | | TL/Ad. |
|--------------|--------------|-----|---|--------|
| 6225 26 0200 | 200 | 170 | 5 | |
| 6225 26 0300 | 300 | 200 | 5 | |
| 6225 26 0500 | 500 | 225 | 5 | |

6230

Gres Pompası
Grease Gun



 Yedek parça sayfa 165
Spare parts page 165

| KOD CODE | ÖLÇÜ SIZE cc | g | | TL/Ad. |
|--------------|--------------|------|---|--------|
| 6230 26 0300 | 300 | 1200 | 1 | |
| 6230 26 0500 | 500 | 1320 | 1 | |

6240

Tapa Anahtarı (İki ağız)
Offset Wrench For Carter Case



| KOD CODE | ÖLÇÜ mm | g | TL/Ad. |
|--------------|---------|-----|--------|
| 6240 26 0810 | 8x10 | 250 | 10 |

6370

Yağ Filtresi Sökeceği
Band Type Oil Filter Wrench



| KOD CODE | Ø mm | g | TL/Ad. |
|--------------|----------|-----|--------|
| 6370 26 0100 | 75 - 100 | 335 | 5 |

6350

Levye Oluklu
Tyre Lever, Straight

TSEK



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|------|--------|-----|--------|
| 6350 26 0300 | 300 | 12" | 265 | 5 |
| 6350 26 0400 | 400 | 16" | 440 | 5 |
| 6350 26 0500 | 500 | 20" | 675 | 5 |
| 6350 26 0600 | 600 | 24" | 900 | 5 |

6360

Levye Oluklu Kıvrık Uçlu
Tyre Lever, Bent

TSEK



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|------|--------|-----|--------|
| 6360 26 0600 | 600 | 24" | 910 | 5 |

6375

Çift Yönlü Üç Ayak Yağ Filtre Sökeceği
Left and Right Hand Operation, Triple Leg Oil Filter Wrench

YENİ
NEW



3/8" - 1/2"

| KOD CODE | L mm | g | TL/Ad. |
|--------------|--------|-----|--------|
| 6375 26 6512 | 65-120 | 375 | 5 |

6380

Çift Zincirli Yağ Filtresi Sökeceği
Oil Filter Wrench With Double Chain

YENİ
NEW



| KOD CODE | L mm | g | TL/Ad. |
|--------------|--------|-----|--------|
| 6380 26 6016 | 60-160 | 380 | 5 |

06373

Kayırlı Yağ Filtresi Sökeceği
Strap Wrench



| KOD CODE | Ø mm | g | TL/Ad. |
|--------------|---------|-----|--------|
| 06373 50 140 | 60x140 | 245 | 5 |

06374

Zincirli Yağ Filtresi Sökeceği
Chain Wrench



| KOD CODE | Ø mm | g | TL/Ad. |
|--------------|---------|-----|--------|
| 06374 50 140 | 60x140 | 390 | 5 |

06375

Ayarlı Yağ Filtresi Sökeceği
Adjustable Slot Type Oil Filter Wrench



 Yedek parça sayfa 165
Spare parts page 165

| KOD CODE | Ø mm | g | TL/Ad. |
|--------------|---------|-----|--------|
| 06375 50 100 | 100 | 215 | 5 |

06390

Segman Çemberi
Piston Ring Compressor



| KOD CODE | Ø mm | g | TL/Ad. |
|--------------|---------|-----|--------|
| 06390 50 125 | 125 | 235 | 5 |
| 06390 50 175 | 175 | 505 | 5 |

07415

Sıralı Tel Fırça (Ağaç Saplı)
Hand Brush (Wooden Handle)



| KOD CODE | ÖLÇÜ SIZE | g | TL/Ad. |
|--------------|---------------|-----|--------|
| 07415 50 003 | 3 SIRA 3 RAWS | 125 | 5 |
| 07415 50 004 | 4 SIRA 4 RAWS | 135 | 5 |
| 07415 50 005 | 5 SIRA 5 RAWS | 145 | 5 |
| 07415 50 006 | 6 SIRA 6 RAWS | 170 | 5 |

07416

Kıvrık Uçlu Fırça (Plastik Saplı)
Hand Brush (PP Handle)



| KOD CODE | ÖLÇÜ SIZE | g | TL/Ad. |
|--------------|--------------|-----|--------|
| 07416 50 001 | 270 | 110 | 5 |

07410

Makaralı Uzatma Kablosu Extension Cord Reel



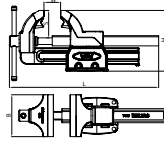
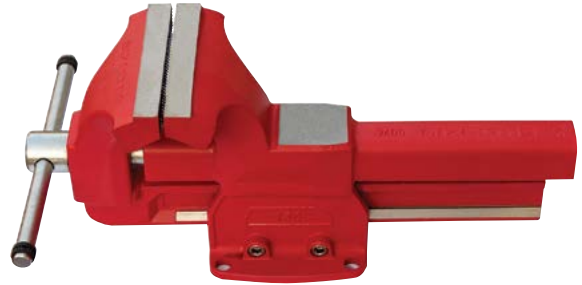
el tipi / with handle

ayaklı / with stand

| KOD CODE | MODEL | ÖLÇÜ SIZE | g | TL/Ad. |
|--------------|-----------------------|-----------|------|--------|
| 07410 50 010 | el tipi / with handle | 10 | 1400 | 1 |
| 07410 50 025 | ayaklı / with stand | 25 | 4130 | 1 |
| 07410 50 050 | ayaklı / with stand | 50 | 6745 | 1 |

7400

Dövme Çelik Mengene Forged Steel Vice

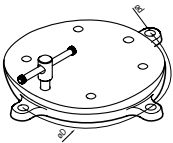


Özel alaşım çelik, Fırın boya
Special steel, Electrostatic Paint

| KOD CODE | B mm | W mm | H mm | L mm | g | TL/Ad. |
|--------------|------|------|------|------|-------|--------|
| 7400 30 0100 | 100 | 125 | 148 | 440 | 5000 | 1 |
| 7400 30 0125 | 125 | 155 | 183 | 550 | 11000 | 1 |
| 7400 30 0150 | 150 | 180 | 220 | 675 | 20000 | 1 |
| 7400 30 0175 | 175 | 205 | 245 | 760 | 29000 | 1 |

7401

Mengene Döner Tablası Swivel Base of Vice

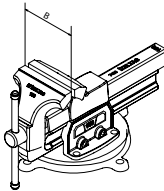
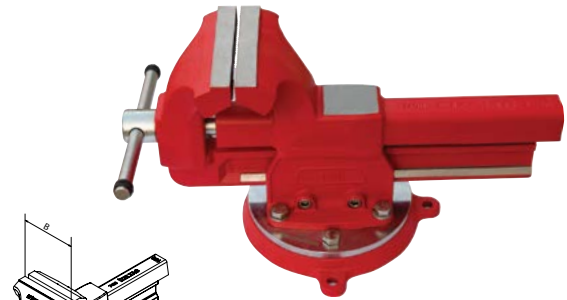


Özel alaşım çelik, Krom kaplı
Special steel, Chrom plated

| KOD CODE | ÖLÇÜ SIZE | ød mm | øD mm | g | TL/Ad. |
|--------------|-----------|-------|-------|------|--------|
| 7401 30 0100 | 100 | 10.5 | 170 | 1550 | 1 |
| 7401 30 0125 | 125 | 12.5 | 200 | 2700 | 1 |
| 7401 30 0150 | 150 | 12.5 | 240 | 3800 | 1 |
| 7401 30 0175 | 175 | 12.5 | 280 | 6650 | 1 |

7400

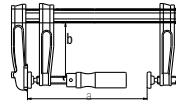
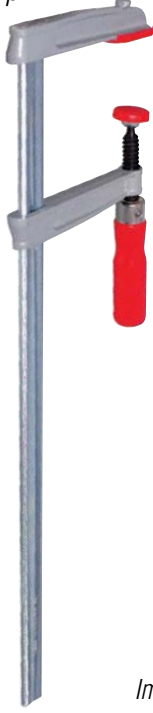
Dövme Çelik Mengene (Döner Tabla dahil) Forged Steel Vice with Swivel Base



Özel alaşım çelik, Fırın boya
Special steel, Electrostatic Paint

| KOD CODE | B mm | g | TL/Ad. |
|--------------|------|-------|--------|
| 7400 00 0100 | 100 | 6550 | 1 |
| 7400 00 0125 | 125 | 13700 | 1 |
| 7400 00 0150 | 150 | 23800 | 1 |
| 7400 00 0175 | 175 | 35650 | 1 |

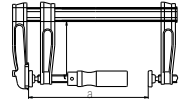
İşkence (Marangoz Mengenesi Plastik Ağızlı)
Carpenter Screw Clamp



Darbeye dayanıklı çeneler
Impact resistant cast iron jaws

| KOD CODE | | a mm | b mm | g | | TL/Ad. |
|--------------|--------|------|------|------|---|--------|
| 7300 30 3012 | 30x12 | 300 | 120 | 1605 | 5 | |
| 7300 30 4012 | 40x12 | 400 | 120 | 1780 | 5 | |
| 7300 30 5012 | 50x12 | 500 | 120 | 1935 | 5 | |
| 7300 30 6012 | 60x12 | 600 | 120 | 2080 | 5 | |
| 7300 30 8012 | 80x12 | 800 | 120 | 2470 | 5 | |
| 7300 30 1012 | 100x12 | 1000 | 120 | 2790 | 5 | |

Mini İşkence
Mini Clamp



Alaşımlı alüminyum çeneler
Alloyed aluminum jaws

| KOD CODE | | a mm | b mm | g | | TL/Ad. |
|--------------|------|------|------|-----|---|--------|
| 7310 30 1005 | 10x5 | 100 | 50 | 250 | 5 | |
| 7310 30 1505 | 15x5 | 150 | 50 | 280 | 5 | |
| 7310 30 2005 | 20x5 | 200 | 50 | 310 | 5 | |
| 7310 30 2505 | 25x5 | 250 | 50 | 330 | 5 | |
| 7310 30 3005 | 30x5 | 300 | 50 | 360 | 5 | |



9

Makaslar Shears



- Demir Kesme Makası* Bolt Cutters
Saç Makasları Sheet Metal Cutters
Plastik Boru Kesme Makası Plastic Pipe Cutters
Bağ Makasları Prunig Shears

2350

Demir Kesme Makası
Bolt Cutters



Yedek parça sayfa 164
Spare parts page 164

Özel alaşımli çelik, Kesici ağızlar indüksiyonda sertleştirilmiş,
Elektrostatik boyanmış çeneler ve bağlantı parçaları dövme
Special steel, Cutters induction hardened,
Electrostatically painted jaws and connection parts drop forged

| KOD CODE | L mm | L inch | KAPASİTE CAPACITY Ø mm | g | TL/Ad. |
|--------------|------|--------|------------------------|------|--------|
| 2350 27 0018 | 450 | 18" | 6 - 8 | 1510 | 1 |
| 2350 27 0024 | 600 | 24" | 8 - 10 | 2350 | 1 |
| 2350 27 0030 | 750 | 30" | 9 - 13 | 3750 | 1 |
| 2350 27 0036 | 900 | 36" | 11 - 16 | 5500 | 1 |

2350

Demir Kesme Makası Sehpaı
Bolt Cutters Frame



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|--|--------|--------|
| 2350 00 6104 | 18"(450) - 24"(600) 30"(750) - 36"(900) | 21.110 | 4 |

6205

Alüminyum Ve Sac Kesme Makası Sağ
Snip For Aluminum and Metal Sheet (Right)



Özel alaşımli çelik, Kesici ağızlar indüksiyonda sertleştirilmiş,
Special steel, Cutters induction hardened,

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|------|--------|-----|--------|
| 6205 27 0240 | 240 | 10" | 380 | 5 |

6206

Alüminyum Ve Sac Kesme Makası Sol
Snip For Aluminum and Metal Sheet (Left)



Özel alaşımli çelik, Kesici ağızlar indüksiyonda sertleştirilmiş
Special steel, Cutters induction hardened

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|------|--------|-----|--------|
| 6206 27 0240 | 240 | 10" | 380 | 5 |

6207

Alüminyum Ve Sac Kesme Makası Düz
Snip For Aluminum and Metal Sheet (Flat)



Özel alaşımli çelik, Kesici ağızlar indüksiyonda sertleştirilmiş
Special steel, Cutters induction hardened

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|------|--------|-----|--------|
| 6207 27 0240 | 240 | 10" | 380 | 5 |

6210

Kaportacı Makası (Sağ)
Punch Snip (Right)

DIN 6438



Özel alaşımlı çelik, Kesici ağızlar induksiyonda sertleştirilmiş, PVC izoleli
Special steel, Cutters induction hardened, PVC insulated

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|------|--------|-----|--------|
| 6210 27 0250 | 250 | 10" | 555 | 5 |
| 6210 27 0275 | 275 | 11" | 600 | 5 |
| 6210 27 0300 | 300 | 12" | 640 | 5 |

6820

Tenekeci Makası
Tinman's Snip

TSEK



Özel alaşımlı çelik, Kesici ağızlar induksiyonda sertleştirilmiş, PVC izoleli
Special steel, Cutters induction hardened, PVC insulated

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|------|--------|-----|--------|
| 6820 27 0200 | 200 | 8" | 320 | 5 |
| 6820 27 0250 | 250 | 10" | 575 | 5 |
| 6820 27 0300 | 300 | 12" | 870 | 5 |

6211

Kaportacı Makası (Sol)
Punch Snip (Left)

DIN 6438



Özel alaşımlı çelik, Kesici ağızlar induksiyonda sertleştirilmiş, PVC izoleli
Special steel, Cutters induction hardened, PVC insulated

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|------|--------|-----|--------|
| 6211 27 0250 | 250 | 10" | 535 | 5 |
| 6211 27 0275 | 275 | 11" | 605 | 5 |
| 6211 27 0300 | 300 | 12" | 665 | 5 |

6821

Tenekeci Makası (Yaylı)
Tinman's Snip (With Spring)

TSEK



Özel alaşımlı çelik, Kesici ağızlar induksiyonda sertleştirilmiş, PVC izoleli
Special steel, Cutters induction hardened, PVC insulated

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|------|--------|-----|--------|
| 6821 27 0250 | 250 | 10" | 575 | 5 |
| 6821 27 0300 | 300 | 12" | 895 | 5 |

6800

Kuyumcu Makası (Düz)
Jeweller's Snip (Straight)



| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|---------|-----------|-----|--------|
| 6800 27 0180 | 180 | 7 1/8" | 140 | 5 |

6815

Tel Kesme Makası
Bolt Cutters



| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|---------|-----------|-----|--------|
| 6815 27 0200 | 200 | 8" | 295 | 5 |

6801

Kuyumcu Makası (Eğri)
Jeweller's Snip (Curved)



| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|---------|-----------|-----|--------|
| 6801 27 0180 | 180 | 7 1/8" | 140 | 5 |

6740

Kombine Makas
Multi Purpose Scissors



| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|---------|-----------|-----|--------|
| 6740 27 0140 | 140 | 5 1/2" | 60 | 5 |
| 6740 27 0190 | 190 | 7 1/2" | 120 | 5 |

6710

Bağ Makası (Lüks)
Pruning Shears (Lux)



Özel alaşımli çelik, Kesici ağızlar indüksiyonda sertleştirilmiş, PVC izoleli
Special steel, Cutters induction hardened, PVC insulated

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|---------|-----------|-----|--------|
| 6710 27 0230 | 230 | 9" | 390 | 5 |

6720

Bağ Makası (Hafif Tip)
Pruning Shears (Light)



Alüminyum gövde, PVC izoleli
Aluminum forged body, PVC insulated

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|---------|-----------|-----|--------|
| 6720 27 0220 | 220 | 8 5/8" | 265 | 5 |

6715

Bağ Makası (Comfort)
Pruning Shears (Comfort)



Özel alaşımli çelik, PVC izoleli
Special steel, PVC insulated

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|---------|-----------|-----|--------|
| 6715 27 0225 | 225 | 9" | 340 | 5 |

6712

Elma Makası
Pruning Shears (Fruit)



Özel alaşımli çelik, Kesici ağızlar indüksiyonda sertleştirilmiş, PVC izoleli
Special steel, Cutters induction hardened, PVC insulated

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|---------|-----------|-----|--------|
| 6712 27 0210 | 210 | 8 1/4" | 365 | 5 |

06760

Plastik Boru Kesme Makası
Plastic Pipe Cutter



Yedek parça sayfa 165
Spare parts page 165

| KOD CODE | Ø mm | g | | TL/Ad. |
|--------------|---------|-----|---|--------|
| 06760 50 042 | 42 | 400 | 5 | |
| 06760 50 063 | 63 | 610 | 5 | |

6860

Teleskopik Boru Kesici (Bakır ve Alüminyum İçin)
Telescopic Tube Cutter (For Copper and Aluminum)



Yedek parça sayfa 166
Spare parts page 166

| KOD CODE | ÖLÇÜ SIZE | g | | TL/Ad. |
|--------------|---------------|-----|---|--------|
| 6860 28 0635 | 1/4" - 1 3/8" | 470 | 1 | |

6850

Mini Boru Kesici (Bakır ve Alüminyum İçin)
Mini Tube Cutter (For Copper and Aluminum)



Yedek parça sayfa 166
Spare parts page 166

| KOD CODE | ÖLÇÜ SIZE | g | | TL/Ad. |
|--------------|--------------|-----|---|--------|
| 6850 28 0322 | 1/8" - 5/8" | 120 | 1 | |

6865

Profesyonel Boru Kesici (Çelik İçin)
Professional Tube Cutter (For Steel)



Yedek parça sayfa 166
Spare parts page 166

| KOD CODE | ÖLÇÜ SIZE | g | | TL/Ad. |
|--------------|--------------|------|---|--------|
| 6865 28 1050 | 1/8" - 2" | 2380 | 1 | |

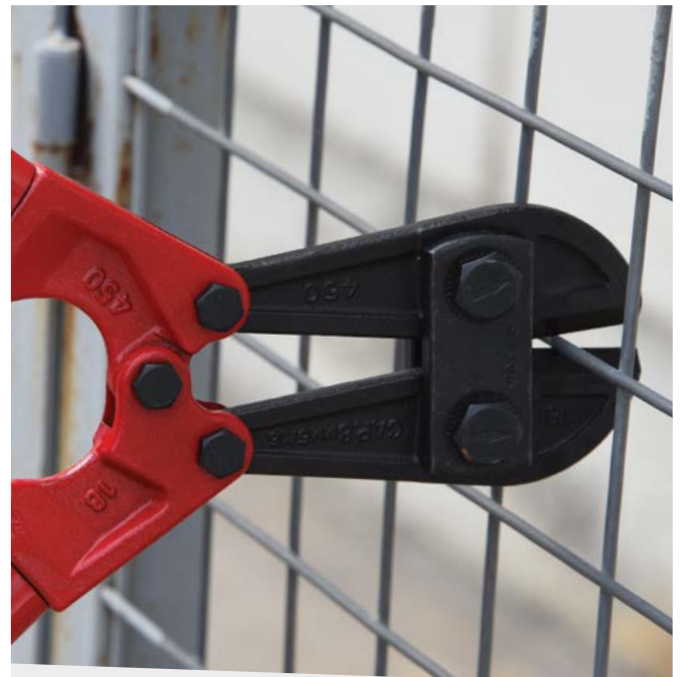
6855

Standart Boru Kesici (Bakır ve Alüminyum İçin)
Standard Tube Cutter (For Copper and Aluminum)



Yedek parça sayfa 166
Spare parts page 166

| KOD CODE | ÖLÇÜ SIZE | g | | TL/Ad. |
|--------------|---------------|-----|---|--------|
| 6855 28 0330 | 1/8" - 1 1/8" | 305 | 1 | |



10

Çektirmeler Pullers

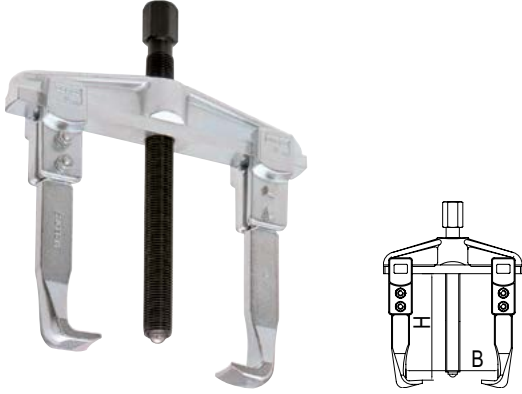


Çektirmeler Pullers
İç Rulman Çektirmeler Inside Pullers
Rotil Çektirmeler Balljoint Pullers
Saplama Sökmeler Stud Inserters and Removers

7010

Standart Çektirme (İki Kollu)
Standard Puller (Two Arms)

TSEK



Yedek parça sayfa 166
Spare parts page 166

Krom vanadyum, Çinko kaplı, Kollar sertleştirilmiş,
Mil indüksiyonda sertleştirilmiş
Chrom vanadium, Zinc plated,
Arms hardened, Spindle induction hardened

| KOD CODE | | B mm | H mm | g | | TL/Ad. |
|--------------|-------|---------|---------|-------|---|--------|
| 7010 29 0810 | 8x10 | 80 | 100 | 1080 | 1 | |
| 7010 29 1210 | 12x10 | 120 | 100 | 1235 | 1 | |
| 7010 29 1615 | 16x15 | 160 | 150 | 2850 | 1 | |
| 7010 29 2015 | 20x15 | 200 | 150 | 3060 | 1 | |
| 7010 29 2520 | 25x20 | 250 | 200 | 4400 | 1 | |
| 7010 29 3520 | 35x20 | 350 | 200 | 9900 | 1 | |
| 7010 29 5220 | 52x20 | 520 | 200 | 13500 | 1 | |

7010

Çektirme Sehpası
Display Frame For Pullers

10



| KOD CODE | İÇERİK CONTENTS | g | | TL/Ad. |
|--------------|---------------------------------------|-------|---|--------|
| 7010 00 6105 | 8x10 - 12x10 - 16x15 20x15 - 25x20 | 17840 | 5 | |

7020

Standart Çektirme (Üç Kollu)
Standart Puller (Three Arms)

TSEK



Yedek parça sayfa 166
Spare parts page 166

Krom vanadyum, Çinko kaplı, Kollar sertleştirilmiş,
Mil indüksiyonda sertleştirilmiş
Chrom vanadium, Zinc plated,
Arms hardened, Spindle induction hardened

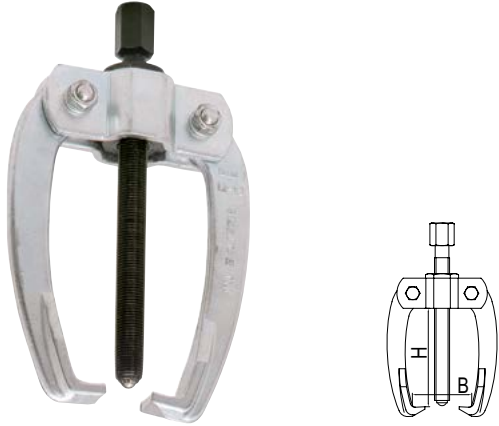
| KOD CODE | | B mm | H mm | g | | TL/Ad. |
|--------------|-------|---------|---------|-------|---|--------|
| 7020 29 3720 | 37x20 | 370 | 200 | 13700 | 1 | |
| 7020 29 5220 | 52x20 | 520 | 200 | 17815 | 1 | |



7030

Master Çektirme (İki Kollu) Master Puller (Two Arms)

TSEK



Yedek parça sayfa 166
Spare parts page 166

Krom vanadyum, Çinko kaplı, Kollar sertleştirilmiş,
Mil indüksiyonda sertleştirilmiş
Chrom vanadium, Zinc plated,
Arms hardened, Spindle induction hardened

| KOD CODE | | B mm | H mm | g | | TL/Ad. |
|--------------|-------|------|------|------|---|--------|
| 7030 29 0808 | 8x8 | 80 | 80 | 545 | 1 | |
| 7030 29 1212 | 12x12 | 120 | 120 | 1075 | 1 | |
| 7030 29 1616 | 16x16 | 160 | 160 | 1885 | 1 | |
| 7030 29 2320 | 23x20 | 230 | 200 | 3240 | 1 | |

7040

Master Çektirme (Üç Kollu) Master Puller (Three Arms)

TSEK



Yedek parça sayfa 166
Spare parts page 166

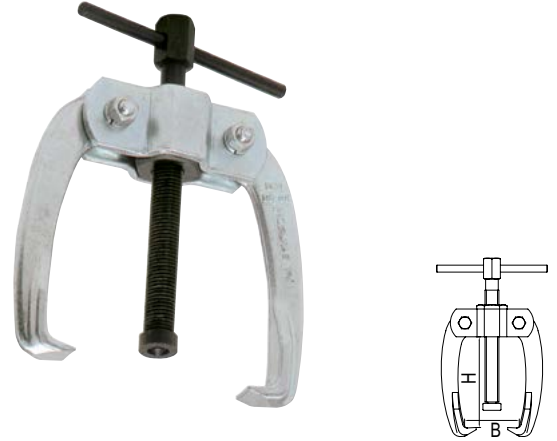
Krom vanadyum, Çinko kaplı, Kollar sertleştirilmiş,
Mil indüksiyonda sertleştirilmiş
Chrom vanadium, Zinc plated,
Arms hardened, Spindle induction hardened

| KOD CODE | | B mm | H mm | g | | TL/Ad. |
|--------------|-------|------|------|------|---|--------|
| 7040 29 0808 | 8x8 | 80 | 80 | 680 | 1 | |
| 7040 29 1212 | 12x12 | 120 | 120 | 1355 | 1 | |
| 7040 29 1616 | 16x16 | 160 | 160 | 2320 | 1 | |
| 7040 29 2320 | 23x20 | 230 | 200 | 4025 | 1 | |

7050

Batarya Çektirme (İki Kollu) Battery Puller (Two Arms)

TSEK



Yedek parça sayfa 166
Spare parts page 166

Krom vanadyum, Çinko kaplı, Kollar sertleştirilmiş,
Mil indüksiyonda sertleştirilmiş
Chrom vanadium, Zinc plated,
Arms hardened, Spindle induction hardened

| KOD CODE | | B mm | H mm | g | | TL/Ad. |
|--------------|-----|------|------|-----|---|--------|
| 7050 29 0604 | 6x4 | 60 | 40 | 245 | 1 | |
| 7050 29 0606 | 6x6 | 60 | 60 | 275 | 1 | |
| 7050 29 0808 | 8x8 | 80 | 80 | 555 | 1 | |

7060

Batarya Çektirme (Üç Kollu) Battery Puller (Three Arms)

TSEK



Yedek parça sayfa 166
Spare parts page 166

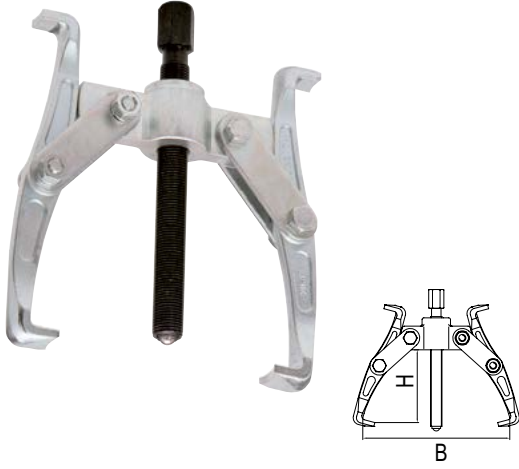
Krom vanadyum, Çinko kaplı, Kollar sertleştirilmiş,
Mil indüksiyonda sertleştirilmiş
Chrom vanadium, Zinc plated,
Arms hardened, Spindle induction hardened

| KOD CODE | | B mm | H mm | g | | TL/Ad. |
|--------------|-----|------|------|-----|---|--------|
| 7060 29 0604 | 6x4 | 60 | 40 | 300 | 1 | |
| 7060 29 0606 | 6x6 | 60 | 60 | 345 | 1 | |
| 7060 29 0808 | 8x8 | 80 | 80 | 715 | 1 | |

7070

S Tipi Çektirme (İki Kollu)
S Type Puller (Two Arms)

TSEK



Yedek parça sayfa 166
Spare parts page 166

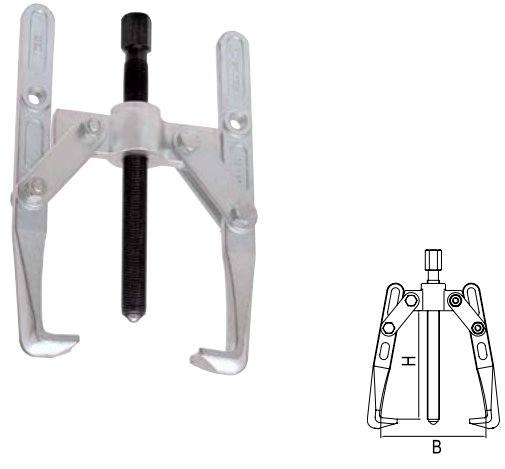
Krom vanadyum, Çinko kaplı, Kollar sertleştirilmiş,
Mil indüksiyonda sertleştirilmiş
Chrom vanadium, Zinc plated,
Arms hardened, Spindle induction hardened

| KOD CODE | | B mm | H mm | | | |
|--------------|-------|---------|---------|------|---|--------|
| 7070 29 2013 | 20x13 | 200 | 130 | 2420 | 1 | TL/Ad. |

7090

Üniversal Çektirme (İki Kollu)
Universal Puller (Two Arms)

TSEK



Yedek parça sayfa 166
Spare parts page 166

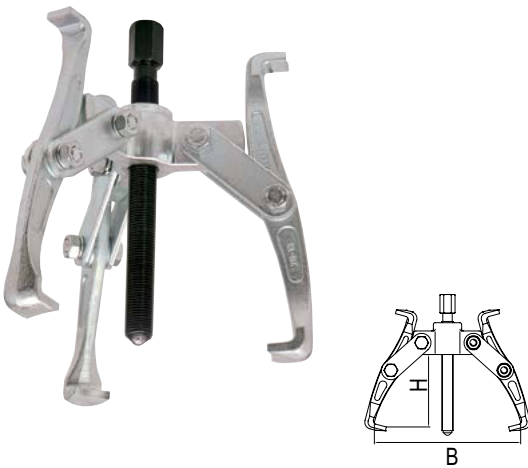
Krom vanadyum, Çinko kaplı, Kollar sertleştirilmiş,
Mil indüksiyonda sertleştirilmiş
Chrom vanadium, Zinc plated,
Arms hardened, Spindle induction hardened

| KOD CODE | | B mm | H mm | | | |
|--------------|-------|---------|---------|------|---|--------|
| 7090 29 2222 | 22x22 | 220 | 220 | 3085 | 1 | TL/Ad. |

7080

S Tipi Çektirme (Üç Kollu)
S Type Puller (Three Arms)

TSEK



Yedek parça sayfa 166
Spare parts page 166

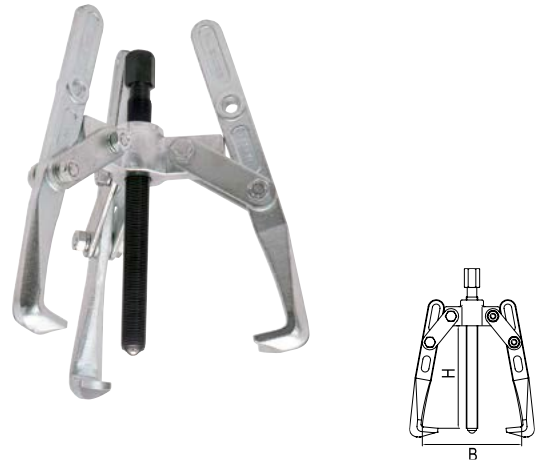
Krom vanadyum, Çinko kaplı, Kollar sertleştirilmiş,
Mil indüksiyonda sertleştirilmiş
Chrom vanadium, Zinc plated,
Arms hardened, Spindle induction hardened

| KOD CODE | | B mm | H mm | | | |
|--------------|-------|---------|---------|------|---|--------|
| 7080 29 2013 | 20x13 | 200 | 130 | 3250 | 1 | TL/Ad. |

7100

Üniversal Çektirme (Üç Kollu)
Universal Puller (Three Arms)

TSEK



Yedek parça sayfa 166
Spare parts page 166

Krom vanadyum, Çinko kaplı, Kollar sertleştirilmiş,
Mil indüksiyonda sertleştirilmiş
Chrom vanadium, Zinc plated,
Arms hardened, Spindle induction hardened

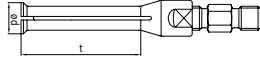
| KOD CODE | | B mm | H mm | | | |
|--------------|-------|---------|---------|------|---|--------|
| 7100 29 2222 | 22x22 | 220 | 220 | 4125 | 1 | TL/Ad. |

10

7120

İç Rulman Çektirme Pensleri - Model A

Internal Expansion Puller - Model A

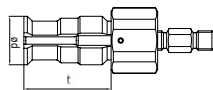


| KOD CODE | φD mm | Kullanılan Kol / For | t mm | Adaptör vidası | g | TL/Ad. |
|--------------|---------|----------------------|------|----------------|-----|--------|
| 7120 29 0507 | 5 - 7 | 35 - 75 | 30 | M10 | 40 | 1 |
| 7120 29 0709 | 7 - 9 | 35 - 75 | 30 | M10 | 40 | 1 |
| 7120 29 0912 | 9 - 12 | 35 - 75 | 30 | M10 | 40 | 1 |
| 7120 29 1013 | 10 - 13 | 35 - 75 | 30 | M10 | 40 | 1 |
| 7120 29 1317 | 13 - 17 | 35 - 75 | 50 | M10 | 60 | 1 |
| 7120 29 1419 | 14 - 19 | 35 - 75 | 60 | M10 | 75 | 1 |
| 7120 29 1621 | 16 - 21 | 35 - 75 | 60 | M10 | 75 | 1 |
| 7120 29 1823 | 18 - 23 | 35 - 75 | 60 | M10 | 100 | 1 |
| 7120 29 2025 | 20 - 25 | 35 - 75 | 60 | M10 | 100 | 1 |
| 7120 29 2530 | 25 - 30 | 35 - 75 | 60 | M10 | 110 | 1 |
| 7120 29 3037 | 30 - 37 | 35 - 75 60 - 130 | 70 | M10 | 250 | 1 |
| 7120 29 3542 | 35 - 42 | 35 - 75 60 - 130 | 70 | M10 | 250 | 1 |
| 7120 29 3845 | 38 - 45 | 35 - 75 60 - 130 | 70 | M10 | 250 | 1 |
| 7120 29 4350 | 43 - 50 | 35 - 75 60 - 130 | 70 | M10 | 400 | 1 |

7120

İç Rulman Çektirme Pensleri - Model B

Internal Expansion Puller - Model B



| KOD CODE | φD mm | Kullanılan Kol / For | t mm | Adaptör vidası | g | TL/Ad. |
|--------------|---------|----------------------|------|----------------|-----|--------|
| 7120 29 2540 | 25 - 40 | 35 - 75 60 - 130 | 45 | M10 | 235 | 1 |

7120

İç Rulman Çektirme Kolları

Arms For Internal Expansion Puller

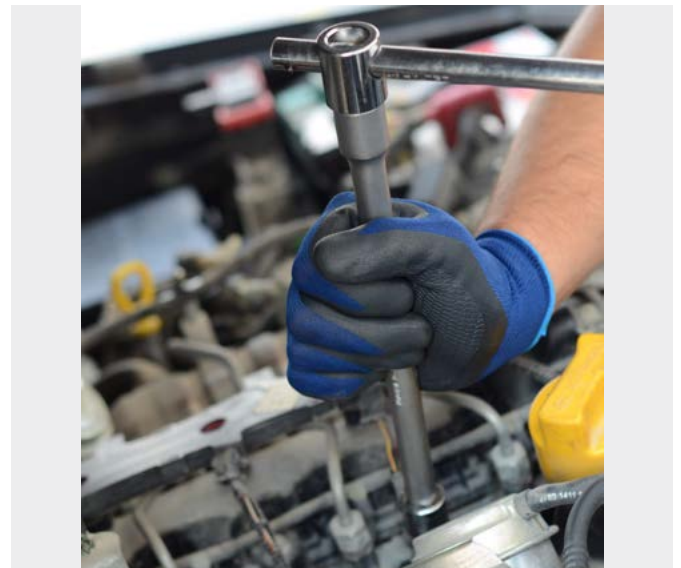


Krom vanadyum, Çinko kaplı, Kollar sertleştirilmiş,
Mil indüksiyonda sertleştirilmiş
Chrom vanadium, Zinc plated,
Arms hardened, Spindle induction hardened

| KOD CODE | Kapasite Capacity mm | Kullanılan pensler / For | Adaptör vidası Screw Adapter | g | TL/Ad. |
|----------|----------------------|--------------------------|------------------------------|---|--------|
|----------|----------------------|--------------------------|------------------------------|---|--------|

| | | | | | |
|--------------|---------|--|-----|-----|---|
| 7120 29 3575 | 35 - 75 | Model A 5 - 7'den 43 - 50'ye Model B 25 - 40 | M10 | 625 | 1 |
|--------------|---------|--|-----|-----|---|

| | | | | | |
|--------------|----------|--|-----|------|---|
| 7120 29 6013 | 60 - 130 | Model A 30 - 37'den 43 - 50'ye Model B 25 - 40 | M10 | 1000 | 1 |
|--------------|----------|--|-----|------|---|

10


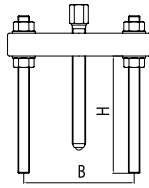
Dış Rulman Çektirme Çeneleri
Seperator



Krom vanadyum, Çinko kaplı, Kollar sertleştirilmiş,
Mil indüksiyonda sertleştirilmiş
Chrom vanadium, Zinc plated,
Arms hardened, Spindle induction hardened

| KOD CODE | Ø mm | Kullanılan Kollar / For | Adaptör vidası | g | TL/Ad. |
|--------------|----------|-------------------------|----------------|-------|--------|
| 7122 29 0560 | 5 - 60 | 40 - 115 | M12 | 370 | 1 |
| 7122 29 1275 | 12 - 75 | 40 - 115 | M12 | 635 | 1 |
| 7122 29 2211 | 22 - 115 | 55 - 205 | M16x1.5 | 1780 | 1 |
| 7122 29 2515 | 25 - 155 | 90 - 260 | M20x1.5 | 3940 | 1 |
| 7122 29 3022 | 30 - 220 | 100 - 360 | M20x1.5 | 11000 | 1 |
| 7122 29 4028 | 40 - 280 | 140 - 435 | M24x1.5 | 15000 | 1 |

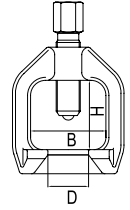
Dış Rulman Çektirme Kolları
Puller Arms For Separator



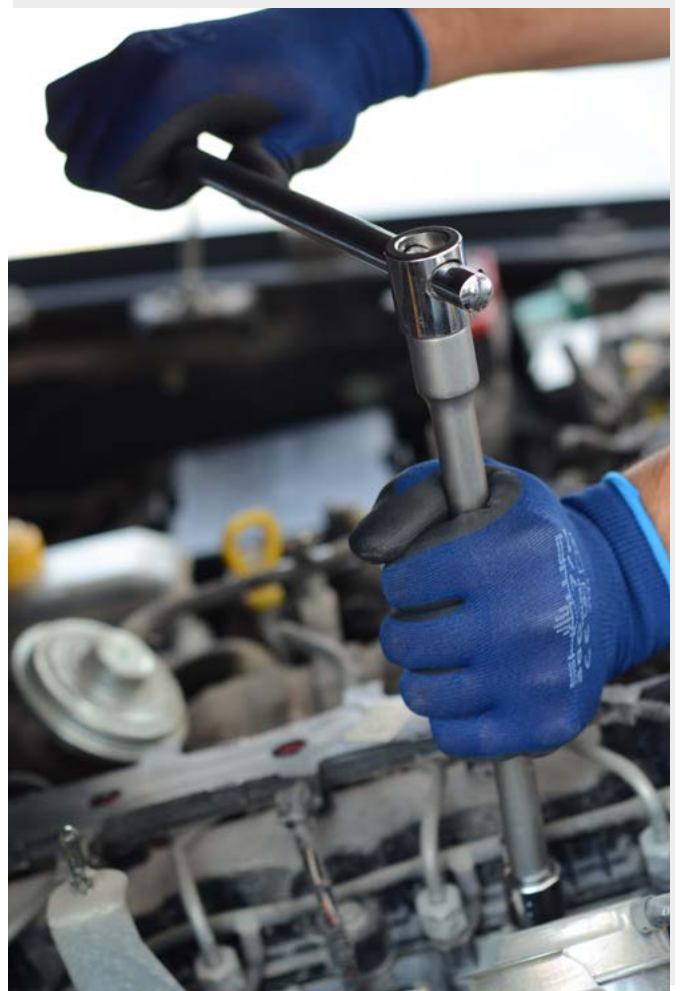
Krom vanadyum, Çinko kaplı, Kollar sertleştirilmiş,
Mil indüksiyonda sertleştirilmiş
Chrom vanadium, Zinc plated,
Arms hardened, Spindle induction hardened

| KOD CODE | B mm | Kullanılan Çene / For | H mm | Adaptör vidası | g | TL/Ad. |
|--------------|---------|-----------------------|------|----------------|-------|--------|
| 7122 29 4011 | 40-115 | 5 - 60 12 - 75 | 150 | M12 | 990 | 1 |
| 7122 29 5520 | 55-205 | 22 - 115 | 210 | M16x1.5 | 2700 | 1 |
| 7122 29 9026 | 90-260 | 25 - 155 | 315 | M20x1.5 | 4965 | 1 |
| 7122 29 1036 | 100-360 | 30 - 220 | 305 | M20x1.5 | 7000 | 1 |
| 7122 29 1443 | 140-435 | 40 - 280 | 320 | M24x1.5 | 11000 | 1 |

Rotil Çektirme
Extractor For Ball Joint



| KOD CODE | ØD mm | B mm | H mm | g | TL/Ad. |
|--------------|-------|------|------|------|--------|
| 7126 29 0018 | 18 | 40 | 40 | 315 | 1 |
| 7126 29 0025 | 25 | 50 | 50 | 540 | 1 |
| 7126 29 0029 | 29 | 60 | 60 | 915 | 1 |
| 7126 29 0040 | 40 | 80 | 80 | 1965 | 1 |
| 7126 29 0045 | 45 | 90 | 100 | 2670 | 1 |



11

Elta



Anahtarlar
Wrenches

Tornavida ve Allen Anahtarlar
Screwdrivers and Hex Key Wrenches

Lokma Anahtarları
Sockets Wrenches

Keskiler
Chisels

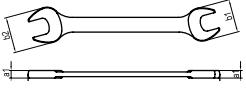
Boru Anahtarları ve Penseler
Pipe Wrenches and Pliers

Makaslar
Shears

İki Ağız Anahtar (mm)
Double Ended Open Jaw Wrench (mm)



TS 81 • DIN 895



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | L mm | a1 mm | b1 mm | b2 mm | g | TL/Ad. |
|--------------|-------|------|-------|-------|-------|-----|--------|
| 0150 01 0607 | 6x7 | 98 | 3.3 | 13.5 | 15.5 | 10 | 10 |
| 0150 01 0809 | 8x9 | 108 | 3.6 | 17.5 | 19.5 | 20 | 10 |
| 0150 01 1011 | 10x11 | 120 | 4 | 21.5 | 23.5 | 30 | 10 |
| 0150 01 1213 | 12x13 | 134 | 4.5 | 25.6 | 27.6 | 40 | 10 |
| 0150 01 1415 | 14x15 | 150 | 5 | 29.6 | 31.5 | 60 | 10 |
| 0150 01 1617 | 16x17 | 163 | 5.5 | 33.5 | 35.5 | 85 | 10 |
| 0150 01 1819 | 18x19 | 178 | 6 | 37.4 | 39.4 | 110 | 10 |
| 0150 01 2022 | 20x22 | 198 | 6.5 | 41.4 | 45.5 | 145 | 10 |
| 0150 01 2123 | 21x23 | 218 | 6.9 | 43.5 | 47.5 | 175 | 10 |
| 0150 01 2426 | 24x26 | 236 | 7.4 | 49.4 | 53.5 | 235 | 10 |
| 0150 01 2528 | 25x28 | 250 | 7.8 | 51.5 | 57.5 | 275 | 10 |
| 0150 01 2732 | 27x32 | 265 | 8.3 | 55.5 | 65.6 | 345 | 10 |

0150

İki Ağız Anahtar Takımı (mm)
Double Ended Open Jaw Wrench Set (mm)



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|--|------|--------|
| 0150 00 2108 | 6x7 - 8x9 - 10x11 12x13 - 14x15 - 16x17 18x19 - 20x22 | 560 | 8 |
| 0150 00 2112 | 6x7 - 8x9 - 10x11 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 24x26 - 25x28 - 27x32 | 1590 | 12 |

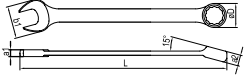


0350

Kombine Anahtar (mm)
Combination Wrench (mm)



TS 3794
DIN 6453
TS ISO 7738 Form A

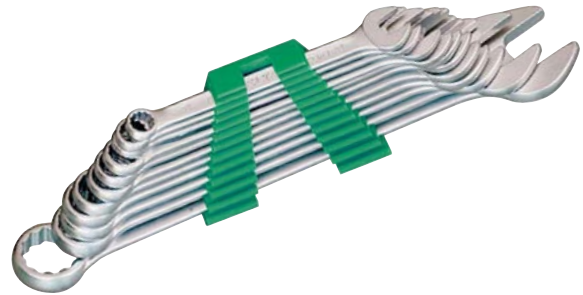


Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | L mm | a1 mm | a2 mm | b1 mm | øD mm | g | TL/Ad. |
|--------------|----|------|-------|-------|-------|-------|-----|--------|
| 0350 02 0006 | 6 | 95 | 3.1 | 5.1 | 13.5 | 15.1 | 15 | 10 |
| 0350 02 0007 | 7 | 104 | 3.3 | 5.5 | 15.5 | 11.5 | 15 | 10 |
| 0350 02 0008 | 8 | 112 | 3.7 | 5.9 | 17.5 | 12.8 | 20 | 10 |
| 0350 02 0009 | 9 | 121 | 3.9 | 6.3 | 19.5 | 14.1 | 25 | 10 |
| 0350 02 0010 | 10 | 130 | 4.3 | 6.9 | 21.5 | 15.3 | 30 | 10 |
| 0350 02 0011 | 11 | 138 | 4.5 | 7.3 | 23.4 | 16.3 | 35 | 10 |
| 0350 02 0012 | 12 | 146 | 4.9 | 7.7 | 25.6 | 17.8 | 45 | 10 |
| 0350 02 0013 | 13 | 154 | 5.1 | 8.1 | 27.6 | 19 | 50 | 10 |
| 0350 02 0014 | 14 | 163 | 5.5 | 8.7 | 29.6 | 20.4 | 60 | 10 |
| 0350 02 0015 | 15 | 171 | 5.7 | 9.1 | 31.5 | 21.9 | 70 | 10 |
| 0350 02 0016 | 16 | 180 | 6.1 | 9.5 | 33.5 | 23.2 | 85 | 10 |
| 0350 02 0017 | 17 | 189 | 6.3 | 9.9 | 35.5 | 24.8 | 95 | 10 |
| 0350 02 0018 | 18 | 200 | 6.7 | 10.4 | 37.4 | 26.5 | 110 | 10 |
| 0350 02 0019 | 19 | 211 | 6.9 | 11 | 39.4 | 27.9 | 130 | 10 |
| 0350 02 0020 | 20 | 222 | 7.3 | 11.4 | 41.4 | 29.3 | 145 | 10 |
| 0350 02 0021 | 21 | 235 | 7.3 | 11.4 | 43.5 | 31 | 160 | 10 |
| 0350 02 0022 | 22 | 250 | 8.1 | 12.6 | 45.5 | 32.5 | 200 | 10 |
| 0350 02 0024 | 24 | 270 | 8.7 | 13.6 | 49.4 | 35.7 | 250 | 5 |
| 0350 02 0027 | 27 | 300 | 9.6 | 14.8 | 55.5 | 40.1 | 350 | 5 |
| 0350 02 0030 | 30 | 330 | 10.2 | 15.8 | 61.7 | 44.7 | 445 | 5 |
| 0350 02 0032 | 32 | 350 | 10.4 | 16.2 | 65.6 | 46.8 | 500 | 5 |

0350

Kombine Anahtar Takımı (mm)
Combination Wrench Set (mm)



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|--|------|--------|
| 0350 00 2108 | 6 - 7 - 8 - 9 - 10 - 13 17 - 19 | 395 | 8 |
| 0350 00 2112 | 8 - 9 - 10 - 11 - 12 13 - 14 - 15 - 16 17 - 19 - 22 | 855 | 12 |
| 0350 00 2117 | 6 - 7 - 8 - 9 - 10 11 - 12 - 13 - 14 15 - 16 - 17 - 18 19 - 20 - 21 - 22 | 1300 | 17 |
| 0350 00 2121 | 6 - 7 - 8 - 9 - 10 11 - 12 - 13 - 14 15 - 16 - 17 - 18 19 - 20 - 21 - 22 24 - 27 - 30 - 32 | 2810 | 21 |

Yıldız İki Ağız Anahtar (mm)
Double Ended Ring Wrench (mm)



TS 3794
DIN 838

TS ISO 10104 Form B

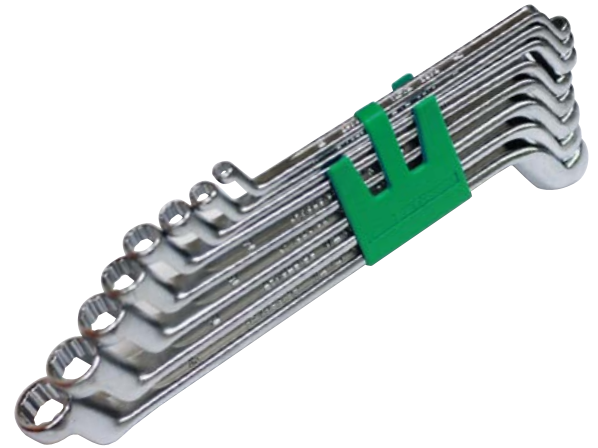


Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | L mm | a1 mm | a2 mm | b1 mm | b2 mm | g | TL/Ad. |
|--------------|-------|------|-------|-------|-------|-------|-----|--------|
| 0450 03 0607 | 6x7 | 176 | 5.5 | 6 | 10.5 | 11.7 | 45 | 10 |
| 0450 03 0809 | 8x9 | 190 | 6.5 | 7 | 13.8 | 15.1 | 60 | 10 |
| 0450 03 1011 | 10x11 | 206 | 7.5 | 8 | 16.1 | 17.3 | 90 | 10 |
| 0450 03 1213 | 12x13 | 220 | 8.5 | 9 | 19 | 20.5 | 100 | 10 |
| 0450 03 1415 | 14x15 | 236 | 9.5 | 10 | 22.2 | 23.8 | 140 | 10 |
| 0450 03 1617 | 16x17 | 250 | 10.7 | 11.2 | 25.2 | 26.7 | 190 | 10 |
| 0450 03 1819 | 18x19 | 271 | 11.7 | 12 | 28 | 29.5 | 240 | 10 |
| 0450 03 2022 | 20x22 | 291 | 12.5 | 13.2 | 31 | 34 | 255 | 5 |
| 0450 03 2123 | 21x23 | 310 | 12.8 | 13.4 | 32.7 | 35.6 | 300 | 5 |
| 0450 03 2426 | 24x26 | 331 | 13.6 | 14.3 | 37 | 40 | 335 | 5 |
| 0450 03 2528 | 25x28 | 350 | 13.8 | 15 | 38.6 | 43.1 | 430 | 5 |
| 0450 03 2732 | 27x32 | 371 | 14.8 | 16.4 | 41.5 | 48.5 | 525 | 5 |

0450

Yıldız İki Ağız Anahtar Takımı (mm)
Double Ended Ring Wrench Set (mm)



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|--|------|--------|
| 0450 00 2108 | 6x7 - 8x9 - 10x11 12x13 - 14x15 - 16x17 18x19 - 20x22 | 1120 | 8 |
| 0450 00 2112 | 6x7 - 8x9 - 10x11 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 24x26 - 25x28 - 27x32 | 2710 | 12 |



0601

Kurbağacak Anahtar
Adjustable Wrench

TS 3796
DIN 3117



Krom vanadyum, Krom kaplı, PVC izoleli
Chrom vanadium, Chrom plated, PVC Insulated

| KOD CODE | L mm | L inch | a mm | g | TL/Ad. |
|--------------|------|--------|------|-----|--------|
| 0601 01 0008 | 206 | 8" | 23 | 240 | 5 |
| 0601 01 0010 | 256 | 10" | 28 | 400 | 5 |
| 0601 01 0012 | 306 | 12" | 34 | 650 | 5 |

1514

1/2" T Kol
Sliding T - Handle

TS ISO 3315
DIN 3122



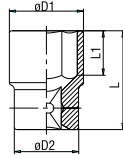
Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|-----|--------|
| 1514 06 4025 | 250 | 370 | 5 |

1115

1/2" Altı Köşe Lokma Anahtar (mm)
Socket Wrench 6 Points (mm)

TS ISO 2725
DIN 3124



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | D1 mm | D2 mm | L mm | L1 mm | g | TL/Ad. |
|--------------|----|-------|-------|------|-------|-----|--------|
| 1115 06 0010 | 10 | 15 | 23.3 | 38 | 8 | 60 | 10 |
| 1115 06 0011 | 11 | 16.4 | 23.3 | 38 | 8 | 60 | 10 |
| 1115 06 0012 | 12 | 17.8 | 23.3 | 38 | 9 | 60 | 10 |
| 1115 06 0013 | 13 | 19 | 23.3 | 38 | 10 | 60 | 10 |
| 1115 06 0014 | 14 | 20.4 | 23.3 | 38 | 11 | 60 | 10 |
| 1115 06 0015 | 15 | 21.6 | 23.3 | 38 | 11 | 65 | 10 |
| 1115 06 0016 | 16 | 22.9 | 24 | 38 | 11 | 70 | 10 |
| 1115 06 0017 | 17 | 24 | 22.5 | 38 | 12 | 70 | 10 |
| 1115 06 0018 | 18 | 25.2 | 23 | 38 | 13 | 75 | 10 |
| 1115 06 0019 | 19 | 26.8 | 23 | 38 | 13 | 75 | 10 |
| 1115 06 0020 | 20 | 28 | 23 | 38 | 13 | 80 | 10 |
| 1115 06 0021 | 21 | 29.2 | 23 | 38 | 13 | 80 | 5 |
| 1115 06 0022 | 22 | 30.2 | 24 | 40 | 15 | 95 | 5 |
| 1115 06 0023 | 23 | 31.4 | 25 | 40 | 15 | 100 | 5 |
| 1115 06 0024 | 24 | 32.6 | 26 | 42 | 17 | 115 | 5 |
| 1115 06 0026 | 26 | 35.3 | 28 | 42 | 17 | 130 | 5 |
| 1115 06 0027 | 27 | 36.6 | 28 | 42 | 19 | 140 | 5 |
| 1115 06 0028 | 28 | 37.8 | 30 | 42 | 20 | 160 | 5 |
| 1115 06 0030 | 30 | 40 | 29.5 | 44 | 21 | 175 | 5 |
| 1115 06 0032 | 32 | 42.5 | 30 | 44 | 23 | 180 | 5 |

1514

1/2" T Kol Adaptörü
Adapter



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|----|--------|
| 1514 06 6250 | 40 | 90 | 5 |

1514

1/2" Ara Kol
Extension Bar

TS ISO 1174
DIN 3123



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|-----|--------|
| 1514 06 4125 | 125 | 220 | 5 |
| 1514 06 4250 | 250 | 425 | 5 |

1514

1/2" Mafsal
Universal Joint

TS ISO 1174
DIN 3123



1/2"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|-----|--------|
| 1514 06 4065 | 65 | 140 | 5 |

1514

1/2" Cırcır Kolu
Ratchet Handle

TS ISO 3315
DIN 3122



1/2"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|-----|--------|
| 1514 06 5250 | 250 | 585 | 5 |

1115

1/2" Altı Köşe Lokma Anahtar Takımı (17 Parça, mm)
Socket Wrench Set 6 Points (17 pcs, mm)



1/2"

| KOD CODE | LOK MALAR Sockets | AVADANLIKLAR Accessories | g | TL/Ad. |
|--------------|--|--|------|--------|
| 1115 00 2017 | 10 - 11 - 12 13 - 14 - 15 17 - 19 - 22 24 - 27 - 30 32 | 1/2" Cırcır Kolu Ratchet Handle 1/2" T Kol Adaptör Sliding T Handle Adapter 1/2" Mafsal Universal Joint 1/2" Ara Kol Extension Bar 250 mm | 2650 | 17 |

1115

1/2" Altı Köşe Lokma Anahtar Takımı (24 Parça, mm)
Socket Wrench Set 6 Points (24 pcs, mm)



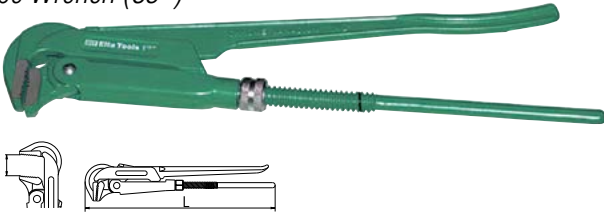
1/2"

| KOD CODE | LOK MALAR Sockets | AVADANLIKLAR Accessories | g | TL/Ad. |
|--------------|---|--|------|--------|
| 1115 00 2024 | 10 - 11 - 12 13 - 14 - 15 16 - 17 - 18 19 - 21 - 22 23 - 24 - 26 27 - 28 - 30 - 32 | 1/2" Cırcır Kolu Ratchet Handle 1/2" Mafsal Universal Joint 1/2" T Kol Adaptör Sliding T Handle Adapter 1/2" Ara Kol Extension Bar 125 mm 1/2" Ara Kol Extension Bar 250 mm | 3485 | 24 |

2203

Maşalı Boru Anahtarı (85°) Pipe Wrench (85°)

DIN 5234



Krom vanadyum, Dişler induksiyonda sertleştirilmiş, Elektrostatik boyanmış
Chrom vanadium, Teeth induction hardened, Electrostatically painted

| KOD CODE | L mm | mm | inch | g | TL/Ad. |
|--------------|------|-----|--------|------|--------|
| 2203 10 0010 | 310 | 45 | 1" | 760 | 1 |
| 2203 10 0015 | 425 | 60 | 1 1/2" | 1360 | 1 |
| 2203 10 0020 | 560 | 75 | 2" | 2350 | 1 |
| 2203 10 0030 | 760 | 105 | 3" | 3200 | 1 |

2401

Fort Pense Waterpump Pliers

TS 60
DIN 8976



Krom vanadyum, Nikel kaplı, PVC izoleli
Chrom vanadium, Nickel plated, PVC Insulated

| KOD CODE | L mm | L inch | mm | g | TL/Ad. |
|--------------|------|--------|----|-----|--------|
| 2401 11 0240 | 240 | 9 1/2" | 35 | 375 | 5 |

2509

Ayarlı Pense Grip



Çeneler krom vanadyum çeliğinden dövülmüştür, Nikel kaplama,
Kullanım sahası: Yuvarlak ve düz malzemeler
Jaws Chrom vanadium forged, Nickel plated
Applicatation field : Flat and round materials

| KOD CODE | L mm | L inch | mm | g | TL/Ad. |
|--------------|------|--------|----|-----|--------|
| 2509 11 0225 | 225 | 9" | 30 | 470 | 5 |

3021

Kombine Pense Opak Combination Pliers

TS 60
DIN ISO 5746



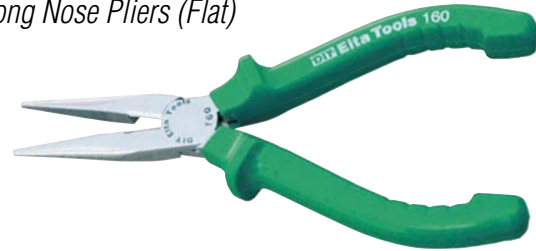
Özel alaşımli çelik, Kesici ağızlar induksiyonda sertleştirilmiş, Krom kaplı, PVC saplı
Special steel, Cutters induction hardened, Chrom plated, PVC handle

| KOD CODE | L mm | L inch | MODEL | g | TL/Ad. |
|--------------|------|--------|-------|-----|--------|
| 3021 12 1160 | 160 | 6 1/4" | OPAK | 200 | 5 |
| 3021 12 1180 | 180 | 7 1/8" | OPAK | 250 | 5 |
| 3021 12 1200 | 200 | 8" | OPAK | 310 | 5 |

3221

Kargaburun Düz Uçlu Opak Long Nose Pliers (Flat)

TS 60
TS ISO 5745



Özel alaşımli çelik, Kesici ağızlar induksiyonda sertleştirilmiş, Krom kaplı, PVC saplı
Special steel, Cutters induction hardened, Chrom plated, PVC handle

| KOD CODE | L mm | L inch | MODEL | g | TL/Ad. |
|--------------|------|--------|-------|-----|--------|
| 3221 13 1160 | 160 | 6 1/4" | OPAK | 145 | 5 |
| 3221 13 1200 | 200 | 8" | OPAK | 190 | 5 |

3701

Yan Keski Opak Side Cutting Pliers

TS 60
TS ISO 5749
DIN 5749



Özel alaşımli çelik, Kesici ağızlar induksiyonda sertleştirilmiş, Krom kaplı, PVC saplı
Special steel, Cutters induction hardened, Chrom plated, PVC handle

| KOD CODE | L mm | L inch | MODEL | g | TL/Ad. |
|--------------|------|--------|-------|-----|--------|
| 3701 16 1140 | 140 | 5 1/2" | OPAK | 160 | 5 |
| 3701 16 1160 | 160 | 6 1/4" | OPAK | 220 | 5 |

3801

Kerpeten
Carpenter Pincers

TS 60
TS ISO 9243
DIN ISO 9243



Özel alaşımlı çelik, Kesici ağızlar indüksiyonda sertleştirilmiş,
Vernikli, PVC izoleli
Special steel, Cutters induction hardened, Lacquered, PVC Insulated

| KOD CODE | L mm | L inch | g | | TL/Ad. |
|--------------|------|--------|-----|---|--------|
| 3801 15 0160 | 160 | 6 1/4" | 235 | 5 | |
| 3801 15 0180 | 180 | 7 1/8" | 245 | 5 | |
| 3801 15 0200 | 200 | 8" | 390 | 5 | |

3832

Betoncu Kerpeteni
Tower Pincers

TS 60
TS ISO 9242
DIN ISO 9242



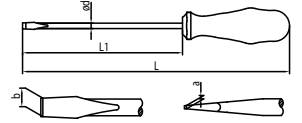
Özel alaşımlı çelik, Kesici ağızlar indüksiyonda sertleştirilmiş,
Vernikli, PVC izoleli
Special steel, Cutters induction hardened, Lacquered, PVC insulated

| KOD CODE | L mm | L inch | g | | TL/Ad. |
|--------------|------|--------|-----|---|--------|
| 3832 15 0225 | 225 | 9" | 335 | 5 | |
| 3832 15 0250 | 250 | 10" | 415 | 5 | |
| 3832 15 0280 | 280 | 11" | 475 | 5 | |

4150

Opak Seri Düz Uçlu Tornavida
Screwdriver, Opak, Flat

TS ISO 2380 - 1
DIN ISO 2380-1



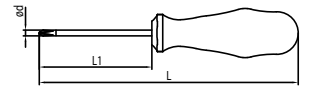
Krom vanadyum, Krom kaplı, PP saplı
Chrom vanadium, Chrom plated, PP handle

| KOD CODE | σDxL1 mm | ⊖ | | L mm | g | | TL/Ad. |
|--------------|----------|------|------|------|-----|----|--------|
| | | a mm | b mm | | | | |
| 4150 17 0380 | 3x80 | 0.5 | 3 | 150 | 20 | 10 | |
| 4150 17 0480 | 4x80 | 0.8 | 4 | 170 | 30 | 10 | |
| 4150 17 4100 | 4x100 | 0.8 | 4 | 190 | 40 | 10 | |
| 4150 17 5100 | 5x100 | 1.0 | 5.5 | 200 | 55 | 10 | |
| 4150 17 5125 | 5x125 | 1.0 | 5.5 | 225 | 60 | 10 | |
| 4150 17 6100 | 6x100 | 1.2 | 6.5 | 200 | 70 | 10 | |
| 4150 17 6125 | 6x125 | 1.2 | 6.5 | 225 | 75 | 10 | |
| 4150 17 6150 | 6x150 | 1.2 | 6.5 | 250 | 80 | 10 | |
| 4150 17 7150 | 7x150 | 1.2 | 8 | 260 | 110 | 10 | |
| 4150 17 8150 | 8x150 | 1.6 | 10 | 260 | 130 | 10 | |
| 4150 17 8175 | 8x175 | 1.6 | 10 | 285 | 135 | 10 | |

4170

Opak Seri Yıldız Uçlu Tornavida
Screwdriver, Opak Phillips

TS 59 - 5 ISO 8764
DIN ISO 8764



Krom vanadyum, Krom kaplı, PP saplı
Chrom vanadium, Chrom plated, PP handle

| KOD CODE | σDxL1 mm | ⊕ | L mm | g | | TL/Ad. |
|--------------|----------|-----|------|-----|----|--------|
| | | | | | | |
| 4170 18 4580 | 4.5x80 | Ph1 | 170 | 45 | 10 | |
| 4170 18 6100 | 6x100 | Ph2 | 200 | 70 | 10 | |
| 4170 18 8150 | 8x150 | Ph3 | 260 | 130 | 10 | |

4150

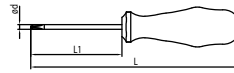
Opak Seri Tornavida Seti (6 parça)
Screwdriver Set, Opak (6 Pcs)



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|--|-----|--------|
| 4150 00 8106 | 4x80 - 5x100 - 6x125 7x150 Düz uçlu / Flat 4.5x80 - 6x100 Yıldız uçlu / Phillips | 545 | 6 |

4170

Değişken Uçlu Tornavida
Screwdriver - Reversible



Krom vanadyum, Krom kaplı, PP saplı
Chrom vanadium, Chrom plated, PP handle

| KOD CODE | σDxL1 mm | axb mm | + | L mm | g | TL/Ad. |
|--------------|----------|--------|-----|------|----|--------|
| 4170 17 0680 | 6x80 | 6x1.2 | Ph2 | 170 | 60 | 10 |

4150

Opak Seri Tornavida Seti (7 parça)
Screwdriver Set, Opak (7 Pcs)



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|--|-----|--------|
| 4150 00 8107 | 3x80 - 4x100 - 5x125 6x150 - 8x175 Düz uçlu / Flat 4.5x80 - 6x100 Yıldız uçlu / Phillips | 605 | 7 |

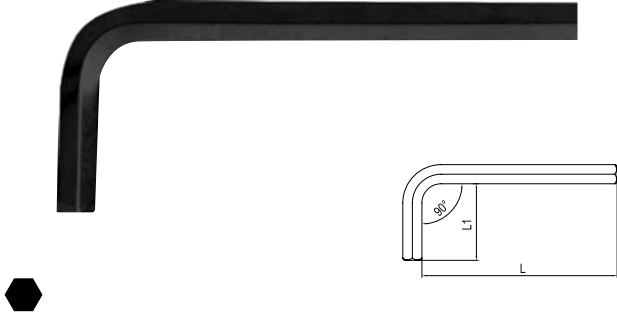


11

4908

Allen Anahtar Altı Köşe (mm)
Hex Key Wrench (mm)

TS ISO 2936
DIN ISO 2936



Krom vanadyum, Siyah Oksit Kaplı
Chrom vanadium, Black finish

| KOD CODE | mm | L mm | L1 mm | g | TL/Ad. |
|--------------|-----|------|-------|-----|--------|
| 4908 22 0015 | 1.5 | 45 | 14 | 1.5 | 10 |
| 4908 22 0020 | 2 | 50 | 16 | 2 | 10 |
| 4908 22 0025 | 2.5 | 55 | 18 | 4 | 10 |
| 4908 22 0030 | 3 | 60 | 20 | 6 | 10 |
| 4908 22 0035 | 3.5 | 66 | 22 | 8 | 10 |
| 4908 22 0040 | 4 | 73 | 24 | 10 | 10 |
| 4908 22 0050 | 5 | 80 | 28 | 20 | 10 |
| 4908 22 0060 | 6 | 86 | 30 | 30 | 10 |
| 4908 22 0070 | 7 | 92 | 32 | 40 | 10 |
| 4908 22 0080 | 8 | 98 | 34 | 55 | 10 |
| 4908 22 0090 | 9 | 104 | 36 | 75 | 10 |
| 4908 22 0100 | 10 | 112 | 40 | 100 | 10 |
| 4908 22 0120 | 12 | 120 | 45 | 160 | 10 |

4908

Allen Anahtar Takım Altı Köşe (mm)
Hex Key Wrench Set (mm)



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|--|-----|--------|
| 4908 00 3107 | 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 | 80 | 7 |
| 4908 00 3109 | 1.5 - 2 - 2.5 - 3 - 4 5 - 6 - 8 - 10 | 235 | 9 |
| 4908 00 3110 | 1.5 - 2 - 2.5 - 3 - 4 - 5 6 - 8 - 10 - 12 | 395 | 10 |

4922

T Tipi Allen Anahtar (mm)
Hex Key Wrench T - Handle (mm)



Krom vanadyum, Siyah Oksit Kaplı, PP saplı
Chrom vanadium, Black finish, PP handle

| KOD CODE | mm | L mm | L1 mm | g | TL/Ad. |
|--------------|-----|------|-------|-----|--------|
| 4922 22 0025 | 2.5 | 110 | 14 | 15 | 5 |
| 4922 22 0030 | 3 | 125 | 18 | 20 | 5 |
| 4922 22 0040 | 4 | 140 | 22 | 30 | 5 |
| 4922 22 0050 | 5 | 155 | 26 | 55 | 5 |
| 4922 22 0060 | 6 | 170 | 30 | 75 | 5 |
| 4922 22 0070 | 7 | 185 | 34 | 115 | 5 |
| 4922 22 0080 | 8 | 200 | 38 | 150 | 5 |
| 4922 22 0100 | 10 | 220 | 48 | 270 | 5 |

4922

T Tipi Allen Anahtar Takımı (8 Parça, mm)
Hex Key Wrench T - Handle Set (8 Pcs, mm)



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|-----------------------------------|-----|--------|
| 4922 00 8108 | 2.5 - 3 - 4 - 5 6 - 7 - 8 - 10 | 730 | 8 |

4915

Kaset Allen Anahtar Takımı (6 Parça, mm)
Hex Key Wrench Folding Set (6 Pcs, mm)



Krom vanadyum, Siyah oksid kaplı
Chrom vanadium, Black finish

| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|-------------------------|-----|--------|
| 4915 00 6106 | 2.5 - 3 - 4 - 5 - 6 - 8 | 175 | 1 |

5884

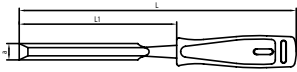
Plastik Şerit Metre
Plastic Measuring tapes



| KOD CODE | ÖLÇÜ SIZE | g | TL/Ad. |
|--------------|-----------|-----|--------|
| 5884 26 0003 | 3 | 95 | 5 |
| 5884 26 0005 | 5 | 195 | 5 |

5011

Iskarpela (Düz)
Wood Chisel



Özel alaşımlı çelik, Uç indüksiyonda sertleştirilmiş, PP Saplı
Special steel, induction hardened tips, PP Handle

| KOD CODE | a mm | L mm | L1 mm | g | TL/Ad. |
|--------------|------|------|-------|-----|--------|
| 5011 23 0006 | 6 | 275 | 155 | 105 | 5 |
| 5011 23 0008 | 8 | 275 | 155 | 125 | 5 |
| 5011 23 0010 | 10 | 275 | 155 | 140 | 5 |
| 5011 23 0012 | 12 | 275 | 155 | 140 | 5 |
| 5011 23 0014 | 14 | 275 | 155 | 145 | 5 |
| 5011 23 0016 | 16 | 275 | 155 | 165 | 5 |
| 5011 23 0018 | 18 | 275 | 155 | 165 | 5 |
| 5011 23 0020 | 20 | 275 | 155 | 165 | 5 |
| 5011 23 0022 | 22 | 275 | 155 | 180 | 5 |
| 5011 23 0024 | 24 | 275 | 155 | 205 | 5 |
| 5011 23 0026 | 26 | 275 | 155 | 205 | 5 |
| 5011 23 0028 | 28 | 275 | 155 | 205 | 5 |
| 5011 23 0030 | 30 | 275 | 155 | 205 | 5 |

5891

Testere Kolu
Hacksaw Frame

DIN 6473



| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|-----|--------|
| 5891 26 0830 | 300 | 345 | 5 |

6351

Levye Oluklu
Tyre Lever, Straight

TSEK



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|------|--------|-----|--------|
| 6351 26 0400 | 400 | 16" | 435 | 5 |
| 6351 26 0500 | 500 | 20" | 680 | 5 |
| 6351 26 0600 | 600 | 24" | 970 | 5 |

6721

Bağ Makası (Lüks)
Pruning Shears (Lux)



Özel alaşımlı çelik, Kesici ağızlar indüksiyonda sertleştirilmiş, Daldırma PVC izoleli
Special steel, Cutters induction hardened, PVC dipped

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|---------|-----------|-----|--------|
| 6721 27 0205 | 205 | 8" | 290 | 5 |

6731

Çim Kesme Makası (Eğri Ağız)
Grass Shears (Wave Edges)



| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|---------|-----------|------|--------|
| 6731 27 0650 | 650 | 25 5/8" | 1195 | 5 |

6722

Bağ Makası (Hafif Tip)
Pruning Shears (Light)



Alüminyum gövde, Daldırma PVC izoleli
Aluminum forged body, PVC dipped

| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|---------|-----------|-----|--------|
| 6722 27 0220 | 220 | 8 5/8" | 240 | 5 |

8011

Teşhir Panosu
Display



Sacdan imal edilmiş, Fırın boya
Made from metal sheet, Electrostatic paint

| KOD CODE | SIZE mm | Cinsi | g | TL/Ad. |
|--------------|---------------|-------|-------|--------|
| 8011 31 6001 | 500x1000x2250 | Boş | 14000 | 1 |

11

6730

Çim Kesme Makası (Düz Ağız)
Grass Shears (Straight)



| KOD CODE | L mm | L inch | g | TL/Ad. |
|--------------|---------|-----------|-----|--------|
| 6730 27 0550 | 550 | 21 5/8" | 915 | 5 |

0600

Kurbağacak Anahtar ve Ayarlı Montaj Anahtarları Yedek Parçalar Adjustable Wrench, Spare Parts

| | KOD CODE | L mm | L inch | g | TL/Ad. |
|---------------|--------------|--------------|--------|----|--------|
| Somun Nut | 0600 01 0206 | 160 | 6" | 5 | 10 |
| | 0600 01 0208 | 208 | 8" | 10 | 10 |
| | 0600 01 0210 | 260 | 10" | 10 | 10 |
| | 0600 01 0212 | 308 | 12" | 20 | 10 |
| | 0600 01 0215 | 388 | 15" | 65 | 10 |
| | Vida Bolt | 0600 01 0306 | 160 | 6" | 3 |
| 0600 01 0308 | | 208 | 8" | 5 | 10 |
| 0600 01 0310 | | 260 | 10" | 5 | 10 |
| 0600 01 0312 | | 308 | 12" | 10 | 10 |
| 0600 01 0315 | | 388 | 15" | 20 | 10 |
| Yay Spring | | 0600 01 0406 | 160 | 6" | 1 |
| | 0600 01 0408 | 208 | 8" | 1 | 10 |
| | 0600 01 0410 | 260 | 10" | 1 | 10 |
| | 0600 01 0412 | 308 | 12" | 1 | 10 |
| | 0600 01 0415 | 388 | 15" | 3 | 10 |

2100

Stilson Anahtar Yedek Parçaları Stilson Wrench Spare Part

| | KOD CODE | ÖLÇÜ FOR | g | TL/Ad. | |
|--------------|-------------------------------------|--------------|-----|--------|---|
| Çene Jaw | 2100 10 0108 | 8" | 80 | 5 | |
| | 2100 10 0110 | 10" | 180 | 5 | |
| | 2100 10 0112 | 12" | 320 | 5 | |
| | 2100 10 0114 | 14" | 400 | 5 | |
| | 2100 10 0118 | 18" | 575 | 5 | |
| | 2100 10 0124 | 24" | 980 | 5 | |
| | Bağlantı Parçası Connection Part | 2100 10 0208 | 8" | 60 | 5 |
| | | 2100 10 0210 | 10" | 95 | 5 |
| 2100 10 0212 | | 12" | 100 | 5 | |
| 2100 10 0214 | | 14" | 195 | 5 | |
| 2100 10 0218 | | 18" | 345 | 5 | |
| 2100 10 0224 | | 24" | 445 | 5 | |
| Somun Nut | | 2100 10 0308 | 8" | 10 | 5 |
| | | 2100 10 0310 | 10" | 30 | 5 |
| | 2100 10 0312 | 12" | 25 | 5 | |
| | 2100 10 0314 | 14" | 45 | 5 | |
| | 2100 10 0318 | 18" | 75 | 5 | |
| | 2100 10 0324 | 24" | 105 | 5 | |

2350

Demir Kesme Makası Yedek Bolt Cutters Spare Part

| | KOD CODE | ÖLÇÜ SIZE | KAPASİTE CAPACITY Ø mm | g | TL/Ad. |
|-------------|--------------|-----------|---------------------------|------|--------|
| Çene Jaw | 2350 27 0118 | 18" | 6 - 8 | 850 | 1 |
| | 2350 27 0124 | 24" | 8 - 10 | 870 | 1 |
| | 2350 27 0130 | 30" | 9 - 13 | 1250 | 1 |
| | 2350 27 0136 | 36" | 11 - 16 | 1850 | 1 |

2110

Ağır Tip Boru Anahtarları Yedek Parçaları Pipe Wrench, Heavy Duty Spare Parts

| | KOD CODE | ÖLÇÜ FOR | g | TL/Ad. | |
|--------------------------------------|--------------|--------------|------|--------|---|
| Çene Jaw | 2110 10 0108 | 8" | 100 | 5 | |
| | 2110 10 0110 | 10" | 205 | 5 | |
| | 2110 10 0112 | 12" | 235 | 5 | |
| | 2110 10 0114 | 14" | 400 | 5 | |
| | 2110 10 0118 | 18" | 675 | 5 | |
| | 2110 10 0124 | 24" | 900 | 5 | |
| | 2110 10 0136 | 36" | 1820 | 5 | |
| | 2110 10 0148 | 48" | 3410 | 5 | |
| | Somun Nut | 2110 10 0308 | 8" | 10 | 5 |
| | | 2110 10 0310 | 10" | 25 | 5 |
| | | 2110 10 0312 | 12" | 35 | 5 |
| | | 2110 10 0314 | 14" | 40 | 5 |
| | | 2110 10 0318 | 18" | 65 | 5 |
| | | 2110 10 0324 | 24" | 115 | 5 |
| 2110 10 0336 | | 36" | 230 | 5 | |
| 2110 10 0348 | | 48" | 305 | 5 | |
| Alt Çene ve Pim Lower Jaw and Pin | | 2110 10 0408 | 8" | 15 | 5 |
| | | 2110 10 0410 | 10" | 40 | 5 |
| | | 2110 10 0412 | 12" | 60 | 5 |
| | | 2110 10 0414 | 14" | 60 | 5 |
| | | 2110 10 0418 | 18" | 90 | 5 |
| | | 2110 10 0424 | 24" | 125 | 5 |
| | 2110 10 0436 | 36" | 225 | 5 | |
| | 2110 10 0448 | 48" | 285 | 5 | |

2201

Maşalı Boru Anahtarları Yedek Somun Nut

| | KOD CODE | ÖLÇÜ FOR | g | TL/Ad. |
|--|--------------|----------|----|--------|
| Maşalı Boru Anahtarları Yedek Somun Nut | 2201 10 0110 | 1" | 25 | 10 |
| | 2201 10 0115 | 1 1/2" | 40 | 10 |
| | 2201 10 0120 | 2" | 60 | 10 |
| | 2201 10 0130 | 3" | 75 | 10 |
| | 2201 10 0140 | 4" | 75 | 10 |

5850

Plastik Çekiç Yedek Başlık Plastic Hammer Spare Head

| | KOD CODE | ØD mm | g | TL/Ad. |
|---|--------------|-------|-----|--------|
| Plastik Çekiç Yedek Başlık Plastic Hammer Spare Head | 5850 25 0130 | 30 | 35 | 10 |
| | 5850 25 0140 | 40 | 70 | 10 |
| | 5850 25 0150 | 50 | 120 | 10 |

6400

Keser Sapı / Adze Handle

| | KOD CODE | L mm | g | TL/Ad. |
|--------------------------|--------------|------|-----|--------|
| Keser Sapı / Adze Handle | 6400 25 0001 | 400 | 140 | 10 |

5800

Tesfiyecı Çekiç Yedek Sapı (Kamalı) Hammer Handle (With Pin)



| KOD CODE | L mm | g | g | TL/Ad. |
|--------------|------|------|-----|--------|
| 5800 25 0001 | 260 | 100 | 60 | 10 |
| 5800 25 0002 | 280 | 200 | 60 | 10 |
| 5800 25 0003 | 300 | 300 | 95 | 10 |
| 5800 25 0005 | 320 | 500 | 100 | 10 |
| 5800 25 0010 | 360 | 1000 | 165 | 10 |
| 5800 25 0015 | 380 | 1500 | 185 | 10 |
| 5800 25 0020 | 400 | 2000 | 205 | 10 |

5865

Madırğa Sap (Kamalı) Mallet Handle (With Pin)



| KOD CODE | L mm | g | g | TL/Ad. |
|--------------|------|------|-----|--------|
| 5865 25 0001 | 260 | 1000 | 210 | 10 |
| 5865 25 0002 | 280 | 1500 | 270 | 10 |

6410

Nacak Sap (Kamalı) Hatchet Handle (With Pin)



| KOD CODE | L mm | g | g | TL/Ad. |
|--------------|------|-----|-----|--------|
| 6410 25 0001 | 380 | 800 | 250 | 10 |

03755

Kablo Sıyırıcı Yedek Bıçağı Cable Strippers Spare Blade



| KOD CODE | ÖLÇÜ SIZE | g | TL/Ad. |
|--------------|-------------------------|----|--------|
| 03755 50 625 | Tek 6/300 Çok 1,5/25 | 25 | 5 |

06375

Ayarlı Yağ Filtresi Sökeceği Yedek Kelepçe Adjustable Slot Type Oil Filter Wrench Spare Clamp



| KOD CODE | Ø mm | g | TL/Ad. |
|--------------|------|----|--------|
| 06375 50 010 | 100 | 20 | 5 |

6230

Gres Pompası Yedek Ucu Grease Gun Nozzle



500cc
300cc

| KOD CODE | L mm | Ø mm | g | TL/Ad. |
|--------------|------|------|----|--------|
| 6230 26 2500 | 38 | 15 | 31 | 10 |

Hortumu

Hose for

Grease Gun



500cc
300cc

| KOD CODE | Ø mm | L mm | g | TL/Ad. |
|--------------|------|------|-----|--------|
| 6230 26 3300 | 8 | 300 | 34 | 10 |
| 6230 26 3500 | 12 | 300 | 102 | 10 |

05898

HSS Testere Laması Hacksaw Blade HSS



| KOD CODE | ÖLÇÜ SIZE | g | TL/Ad. |
|--------------|------------|----|--------|
| 05898 50 283 | 13x0.65x18 | 20 | 100 |

05899

Bimetal Testere Laması Hacksaw Blade Bimetal



| KOD CODE | ÖLÇÜ SIZE | g | TL/Ad. |
|--------------|------------|----|--------|
| 05899 50 283 | 13x0.65x18 | 20 | 100 |

6735

Dal Budama Testeresi Yedek Bıçak Spare Blade for Pruning Saw



| KOD CODE | L mm | g | TL/Ad. |
|--------------|------|----|--------|
| 6735 27 1300 | 300 | 60 | 5 |

06765

Plastik Boru Kesme Makası Yedek Bıçağı Plastic Pipe Cutter Spare Blade



| KOD CODE | Ø mm | g | TL/Ad. |
|--------------|------|-----|--------|
| 06765 50 042 | 42 | 73 | 5 |
| 06765 50 063 | 63 | 105 | 5 |

6850

Mini Boru Kesici Bıçağı / Blade For Mini Tube Cutter
Standart Boru Kesici Bıçağı / Blade For Standard Tube Cutter
Teleskopik Boru Kesici Bıçağı / Blade For Telescopic Tube Cutter



| KOD CODE | ÖLÇÜ SIZE | g | TL/Ad. |
|--------------|---------------|---|--------|
| 6850 28 1322 | 1/4" - 1 3/8" | 5 | 10 |

7010-7020

Standart Çektirme Yedek Parçaları
Spare Parts For Standard Pullers

Uzatma Parçası / Connection Part, Extention



| KOD CODE | L mm | KULLANILAN ÇEKTİRME FOR | g | TL/Ad. |
|--------------|------|--------------------------------|------|--------|
| 7010 29 2033 | 200 | 8x10 - 12x10 | 415 | 1 |
| 7010 29 3033 | 300 | 16x15 - 20x15 | 890 | 1 |
| 7010 29 4033 | 400 | 25x20 - 35x20 37x20 - 52x20 | 2350 | 1 |

Kol / Arm



| KOD CODE | ÖLÇÜ SIZE | g | TL/Ad. |
|--------------|--------------------------------|-----|--------|
| 7010 29 0822 | 8x10 - 12x10 | 110 | 1 |
| 7010 29 1622 | 16x15 - 20x15 | 330 | 1 |
| 7010 29 2522 | 25x20 - 35x20 52x20 - 37x20 | 775 | 1 |

Bağlantı Parçası / Connection Part



| KOD CODE | ÖLÇÜ SIZE | g | TL/Ad. |
|--------------|--------------------------------|-----|--------|
| 7010 29 0833 | 8x10 - 12x10 | 160 | 1 |
| 7010 29 1633 | 16x15 - 20x15 | 325 | 1 |
| 7010 29 2533 | 25x20 - 35x20 52x20 - 37x20 | 930 | 1 |

Mil / Spindle



| KOD CODE | ÖLÇÜ SIZE | g | TL/Ad. |
|--------------|---------------|------|--------|
| 7010 29 0844 | 8x10 - 12x10 | 185 | 1 |
| 7010 29 1644 | 16x15 - 20x15 | 555 | 1 |
| 7010 29 2544 | 25x20 | 1400 | 1 |
| 7010 29 3544 | 35x20 - 37x20 | 2185 | 1 |
| 7010 29 5244 | 52x20 | 3210 | 1 |

7070-7080

12

S Tipi Çektirme Yedek Parçaları
Spare Parts For S Type Puller

Kol / Arm



| KOD CODE | KULLANILAN ÇEKTİRME FOR | g | TL/Ad. |
|--------------|-------------------------|-----|--------|
| 7070 29 2022 | 20x13 | 405 | 1 |

Mil / Spindle



| KOD CODE | ÖLÇÜ SIZE | g | TL/Ad. |
|--------------|-----------|-----|--------|
| 7070 29 2044 | 20x13 | 520 | 1 |

6865

Profesyonel Boru Kesici Bıçağı
Blade For Professional Tube Cutter



| KOD CODE | ÖLÇÜ SIZE | g | TL/Ad. |
|--------------|-----------|----|--------|
| 6865 28 0150 | 1/8" - 2" | 30 | 5 |

7030-7040

Master Çektirme Yedek Parçaları / Spare Parts For Master Puller

Kol / Arm



| KOD CODE | KULLANILAN ÇEKTİRME FOR | g | TL/Ad. |
|--------------|-------------------------|-----|--------|
| 7030 29 0822 | 8x8 | 110 | 1 |
| 7030 29 1222 | 12x12 | 215 | 1 |
| 7030 29 1622 | 16x16 | 345 | 1 |
| 7030 29 2322 | 23x20 | 580 | 1 |

Mil / Spindle



| KOD CODE | ÖLÇÜ SIZE | g | TL/Ad. |
|--------------|-----------|------|--------|
| 7030 29 0844 | 8x8 | 180 | 1 |
| 7030 29 1244 | 12x12 | 360 | 1 |
| 7030 29 1644 | 16x16 | 680 | 1 |
| 7030 29 2344 | 23x20 | 1230 | 1 |

7050-7060

Batarya Çektirme Yedek Parçaları
Spare Parts For Battery Pullers

Kol / Arm



| KOD CODE | KULLANILAN ÇEKTİRME FOR | g | TL/Ad. |
|--------------|-------------------------|-----|--------|
| 7050 29 0422 | 6x4 | 40 | 1 |
| 7050 29 0622 | 6x6 | 50 | 1 |
| 7050 29 0822 | 8x8 | 110 | 1 |

Mil / Spindle



| KOD CODE | ÖLÇÜ SIZE | g | TL/Ad. |
|--------------|-----------|-----|--------|
| 7050 29 0444 | 6x4 | 95 | 1 |
| 7050 29 0644 | 6x6 | 105 | 1 |
| 7050 29 0844 | 8x8 | 200 | 1 |

7090-7100

Üniversal Çektirme Yedek Parçaları
Spare Parts For Universal Puller

Kol / Arm



| KOD CODE | KULLANILAN ÇEKTİRME FOR | g | TL/Ad. |
|--------------|-------------------------|-----|--------|
| 7090 29 2322 | 22x22 | 690 | 1 |

Mil / Spindle



| KOD CODE | ÖLÇÜ SIZE | g | TL/Ad. |
|--------------|-----------|-----|--------|
| 7090 29 2244 | 22x22 | 565 | 1 |

13

Ticari Teşhir Ürünleri Commercial Display Products



Ticari Teşhir Ürünleri
Commercial Display Products

1113

1/2" Lokma Anahtar Sehpa
Display Frame for Sockets



1/2"

| KOD CODE | ÖLÇÜ SIZE mm | g | TL/Ad. |
|--------------|--------------|------|--------|
| 1113 31 6100 | 175x360x605 | 5800 | 1 |

7010

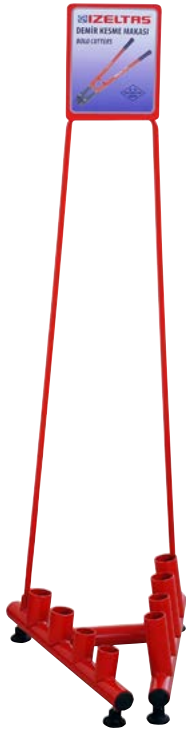
Çektirme Sehpa
Display Frame For Pullers



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|-----------------|------|--------|
| 7010 31 6105 | Boş - Empty | 2000 | 1 |

2350

Demir Kesme Makası Sehpa
Display Frame for Bolt Cutters



7300

İşkence Sehpa
Display Frame for Screw Clamps



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|-----------------|------|--------|
| 2350 31 6104 | Boş - Empty | 7400 | 1 |

| KOD CODE | ÖLÇÜ SIZE mm | g | TL/Ad. |
|--------------|--------------|------|--------|
| 7300 31 6150 | 100x520x1420 | 8000 | 1 |

8001 - 8002

Çatal ve Yıldız Anahtar Sehpası Display Frame For Wrenches



Sacdan imal edilmiş, Fırın boya
Made from metal sheet, Electrostatic paint

| KOD CODE | ÖLÇÜ SIZE mm | g | İÇERİK CONTENTS | TL/Ad. |
|--------------|--------------|------|------------------|--------|
| 8001 31 6012 | 160x500 | 800 | Çatal / Open Jaw | 1 |
| 8002 31 6012 | 170x560 | 1000 | Yıldız / Ring | 1 |

8004

Dövme Çelik Mengene Sehpası Forged Steel Vice Frame



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|--------------|-----------------|------|--------|
| 8004 31 6004 | Boş - Empty | 8000 | 1 |

8015

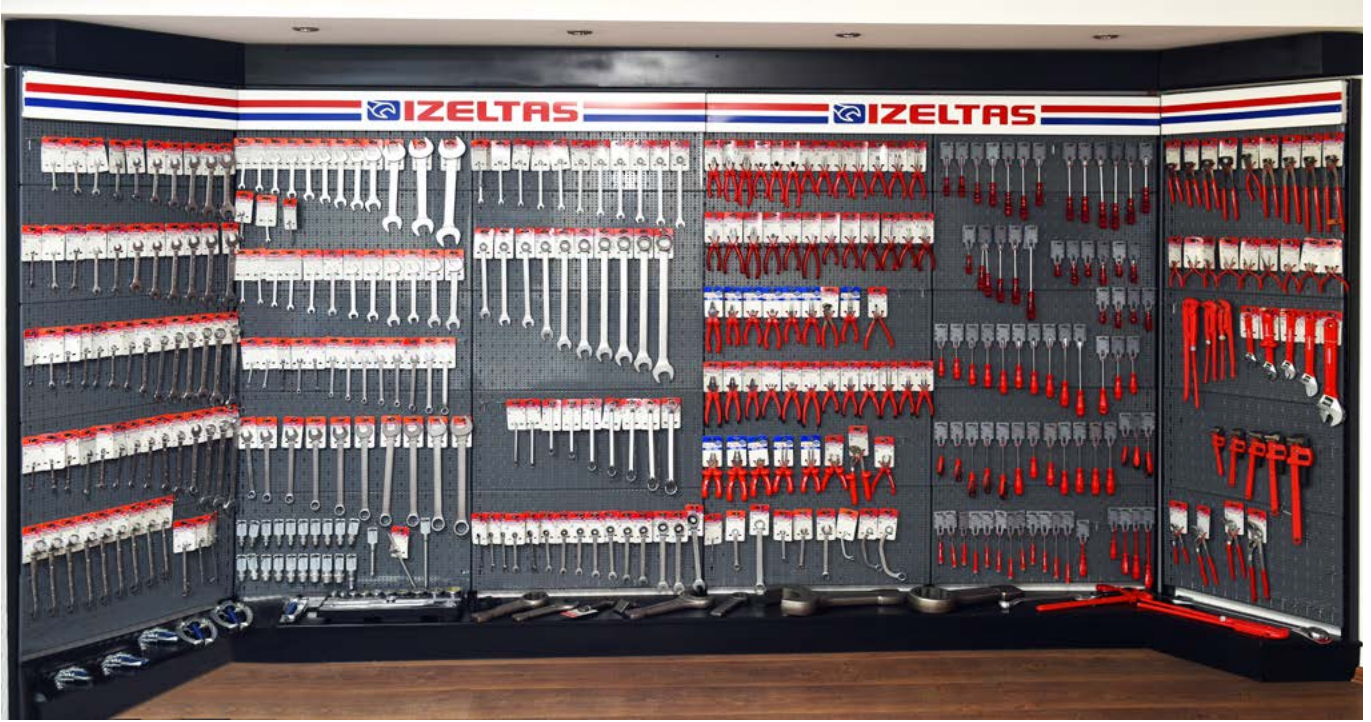
Tekerlekli Üçgen Teşhir Standı Triangular Display Frame



Sacdan imal edilmiş, Fırın boya
Made from metal sheet, Electrostatic paint

| KOD CODE | ÖLÇÜ SIZE mm | g | TL/Ad. |
|--------------|--------------|-------|--------|
| 8015 31 6001 | 520x1670 | 29500 | 1 |

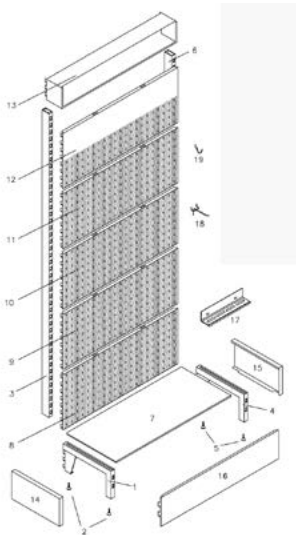




İzeltaş El Aletleri Teşhir Panosu, satış noktaları için özel olarak dizayn edilmiştir. Kolayca monte edilebilen 19 ana parçadan oluşan panonun derinliği 46 cm, genişliği 100 cm, yüksekliği 220 cm'dir. Etkili görünümü ve tüm ürünleri bir arada sergileme özelliği yanında, perakende satışlarda seçme kolaylığı sağlaması bakımından da önem taşımaktadır.

İzeltaş's Product Exhibition Board has been specially designed for selling points. These boards have been formed from easily mountable 19 main parts and have the dimensions as following, width 46 cm, length 100 cm and height 220 cm.

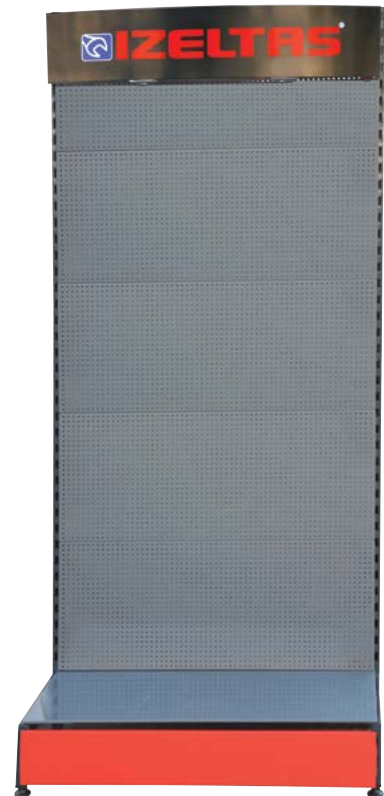
Board features an impressive looking and displays the products all together, which makes it easy to choose desired tools during retail selling activities.



Montaj Sırası / Montage Order

1. Ayak / Stand right leg
2. Plastik ayak / Plastic leg
3. Kolon / Stand right column
4. Ayak / Stand left leg
5. Plastik ayak / Plastic leg
6. Kolon / Stand left column
7. Raf / Shelf
8. Delikli pano / Drilled panel
9. Delikli pano / Drilled panel
10. Delikli pano / Drilled panel
11. Delikli pano / Drilled panel
12. Yarı delikli pano / Half - drilled panel
13. Aydınlatma alınlığı / Illumination panel
14. Yan kapak / Side cover
15. Yan kapak / Side cover
16. Ön kapak / Front cover
17. Tornavida askısı / Screwdriver hanger
18. Büyük askı / Long hanger
19. Küçük askı / Short hanger

Büyük Pano Display Panel (Empty)



| KOD CODE | ÖLÇÜ SIZE mm | Cinsi | g | TL/Ad. |
|--------------|--------------------|-----------|-------|--------|
| 8010 31 6001 | 460x1000x2200 | Boş/Empty | 43000 | 1 |

14

Stoklarla Sınırlı Ürünler Limited Items



Stoklarla sınırlı ürünler
Limited Items

0132

İki Ağız Anahtar Uzun Boy MASTER (mm)
Double Ended Open Jaw Wrench MASTER
Long Pattern (mm)

TSE
TS ISO 10102
DIN 3110



Saten krom yüzeyli, Krom vanadyum, Krom kaplı
Satin chrom finish, Chrom vanadium, Chrom plated

| KOD CODE | mm | L mm | a1 mm | b1 mm | b2 mm | g | TL/ Ad. |
|---------------|-------|------|-------|-------|-------|-----|---------|
| ★0132 01 0607 | 6x7 | 125 | 3.5 | 14 | 16 | 20 | 10 |
| ★0132 01 0809 | 8x9 | 140 | 4 | 18 | 20 | 30 | 10 |
| ★0132 01 1011 | 10x11 | 155 | 4.5 | 22 | 24 | 45 | 10 |
| ★0132 01 1415 | 14x15 | 188 | 5.5 | 30 | 32 | 85 | 10 |
| ★0132 01 1617 | 16x17 | 205 | 6.2 | 34 | 36 | 115 | 10 |
| ★0132 01 1819 | 18x19 | 220 | 7 | 38 | 40 | 160 | 10 |
| ★0132 01 2022 | 20x22 | 235 | 7.5 | 42 | 46 | 195 | 5 |
| ★0132 01 2123 | 21x23 | 248 | 8.3 | 44 | 48 | 235 | 5 |
| ★0132 01 2426 | 24x26 | 265 | 8.8 | 50 | 54 | 300 | 5 |
| ★0132 01 2528 | 25x28 | 282 | 9.3 | 52 | 57.5 | 390 | 5 |
| ★0132 01 2732 | 27x32 | 300 | 9.8 | 56 | 65.5 | 460 | 5 |

İki Ağız Anahtar Takımı Uzun Boy MASTER (mm)
Double Ended Open Jaw Wrench
MASTER Long Pattern Set (mm)

TSE

| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|---------------|--|------|--------|
| ★0132 00 2112 | 6x7 - 8x9 - 10x11 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 24x26 - 25x28 - 27x32 | 2315 | 12 |

0220

İki Ağız Taçlı Anahtar (mm)
Double Ended Open Jaw Wrench (mm)



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | L mm | a1 mm | b1 mm | b2 mm | g | TL/ Ad. |
|---------------|-------|------|-------|-------|-------|-----|---------|
| ★0220 01 1722 | 17x22 | 195 | 7.5 | 35.5 | 44.5 | 120 | 10 |

0322

Kombine Anahtar Kısa Boy MASTER (mm)
Combination Wrench MASTER
Short Pattern (mm)

TSE
TS 3794
TS ISO 7738 Form A
DIN 3113



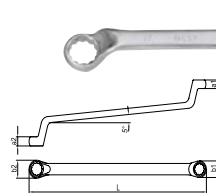
Saten krom yüzeyli, Krom vanadyum, Krom kaplı
Satin chrom finish, Chrom vanadium, Chrom plated

| KOD CODE | mm | L mm | a1 mm | a2 mm | b1 mm | bD mm | g | TL/ Ad. |
|---------------|----|------|-------|-------|-------|-------|-----|---------|
| ★0322 02 0006 | 6 | 100 | 3.4 | 5.1 | 14 | 10 | 15 | 10 |
| ★0322 02 0007 | 7 | 110 | 3.6 | 5.5 | 16 | 11 | 20 | 10 |
| ★0322 02 0008 | 8 | 120 | 3.8 | 5.9 | 18 | 13 | 25 | 10 |
| ★0322 02 0009 | 9 | 130 | 4 | 6.3 | 20 | 14 | 30 | 10 |
| ★0322 02 0010 | 10 | 140 | 4.3 | 6.9 | 22 | 15.5 | 40 | 10 |
| ★0322 02 0011 | 11 | 150 | 4.5 | 7.3 | 24 | 17 | 45 | 10 |
| ★0322 02 0012 | 12 | 160 | 4.9 | 7.7 | 26 | 18.5 | 55 | 10 |
| ★0322 02 0014 | 14 | 180 | 5.5 | 8.7 | 30 | 21.5 | 75 | 10 |
| ★0322 02 0015 | 15 | 190 | 5.8 | 9.1 | 32 | 22.5 | 90 | 10 |
| ★0322 02 0016 | 16 | 200 | 6.1 | 9.6 | 34 | 24 | 105 | 10 |
| ★0322 02 0017 | 17 | 210 | 6.4 | 9.8 | 36 | 25.5 | 120 | 10 |
| ★0322 02 0018 | 18 | 220 | 6.8 | 10.4 | 38 | 27 | 145 | 10 |
| ★0322 02 0019 | 19 | 232 | 7 | 11 | 40 | 28.5 | 170 | 10 |
| ★0322 02 0020 | 20 | 240 | 7.2 | 11.4 | 42 | 30 | 195 | 10 |
| ★0322 02 0021 | 21 | 250 | 7.4 | 12 | 44 | 31.5 | 190 | 10 |
| ★0322 02 0022 | 22 | 260 | 8.2 | 12.6 | 46 | 33 | 275 | 10 |
| ★0322 02 0024 | 24 | 280 | 8.5 | 13.6 | 50 | 36.5 | 320 | 5 |
| ★0322 02 0025 | 25 | 290 | 8.8 | 14 | 52 | 39 | 340 | 5 |
| ★0322 02 0026 | 26 | 300 | 9 | 14.8 | 54 | 41 | 400 | 5 |
| ★0322 02 0030 | 30 | 340 | 10.3 | 16 | 61.5 | 44 | 505 | 5 |

0432

Yıldız İki Ağız Anahtar MASTER (mm)
Double Ended Ring Wrench (mm) MASTER

TSE
TS 3794
TS ISO 10104 Form B
DIN 838

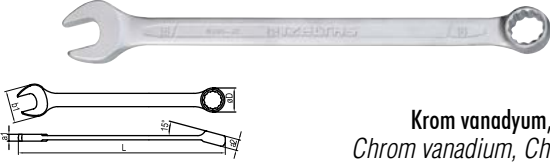


Saten krom yüzeyli, Krom vanadyum, Krom kaplı
Satin chrom finish, Chrom vanadium, Chrom plated

| KOD CODE | mm | L mm | a1 mm | a2 mm | b1 mm | b2 mm | g | TL/ Ad. |
|---------------|-------|------|-------|-------|-------|-------|-----|---------|
| ★0432 03 0607 | 6x7 | 176 | 5.6 | 6 | 10 | 11.5 | 55 | 10 |
| ★0432 03 1011 | 10x11 | 206 | 7.3 | 7.6 | 15.5 | 17 | 105 | 10 |
| ★0432 03 1819 | 18x19 | 271 | 12 | 12.5 | 27.5 | 29 | 270 | 10 |
| ★0432 03 2123 | 21x23 | 311 | 13.1 | 14 | 32 | 35 | 410 | 5 |
| ★0432 03 2426 | 24x26 | 331 | 14.2 | 14.6 | 36.5 | 39.5 | 495 | 5 |
| ★0432 03 2528 | 25x28 | 352 | 14.5 | 15.5 | 38 | 42.5 | 550 | 5 |
| ★0432 03 2732 | 27x32 | 371 | 15 | 16.7 | 40.5 | 47.5 | 660 | 5 |

0360

XL Ekstra Uzun Kombine Anahtar (mm) Extra Long (XL) Combination Wrench (mm)



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | L mm | a1 mm | a2 mm | b1 mm | øD mm | g | TL/Ad. |
|---------------|----|------|-------|-------|-------|-------|------|--------|
| ★0360 02 0008 | 8 | 170 | 4.5 | 7.5 | 20.3 | 13.2 | 45 | 10 |
| ★0360 02 0009 | 9 | 180 | 4.5 | 8 | 22.4 | 14.6 | 55 | 10 |
| ★0360 02 0010 | 10 | 190 | 5 | 8.5 | 24.4 | 16 | 60 | 10 |
| ★0360 02 0011 | 11 | 200 | 5.5 | 9 | 26.4 | 17.2 | 75 | 10 |
| ★0360 02 0012 | 12 | 210 | 6 | 9.5 | 28.4 | 19 | 90 | 10 |
| ★0360 02 0013 | 13 | 225 | 6.5 | 10 | 30.5 | 20 | 110 | 10 |
| ★0360 02 0014 | 14 | 235 | 7 | 11 | 32.5 | 21.8 | 120 | 10 |
| ★0360 02 0015 | 15 | 250 | 7.5 | 12 | 34.5 | 23 | 150 | 10 |
| ★0360 02 0016 | 16 | 265 | 8 | 13 | 36.4 | 24.5 | 175 | 10 |
| ★0360 02 0017 | 17 | 280 | 8.5 | 14 | 38.4 | 26.5 | 210 | 10 |
| ★0360 02 0018 | 18 | 295 | 9 | 15 | 40.6 | 28 | 240 | 10 |
| ★0360 02 0019 | 19 | 310 | 9.5 | 16 | 42.6 | 29.5 | 280 | 10 |
| ★0360 02 0020 | 20 | 310 | 9.5 | 16 | 44.5 | 31 | 265 | 10 |
| ★0360 02 0021 | 21 | 340 | 10 | 17 | 46.6 | 33 | 370 | 10 |
| ★0360 02 0022 | 22 | 350 | 11 | 18 | 48.7 | 34.5 | 410 | 10 |
| ★0360 02 0024 | 24 | 400 | 12 | 19 | 52.7 | 37.5 | 535 | 5 |
| ★0360 02 0027 | 27 | 450 | 13 | 20 | 58.9 | 42 | 680 | 5 |
| ★0360 02 0030 | 30 | 480 | 14 | 21 | 64.8 | 47 | 870 | 1 |
| ★0360 02 0032 | 32 | 500 | 15 | 22 | 67 | 49.5 | 1000 | 1 |
| ★0360 02 0034 | 34 | 520 | 15 | 23 | 70 | 53 | 1100 | 1 |
| ★0360 02 0041 | 41 | 600 | 16 | 26 | 86 | 63.5 | 1700 | 1 |
| ★0360 02 0046 | 46 | 640 | 17.4 | 27 | 96 | 70.9 | 2230 | 1 |

XL Ekstra Uzun Kombine Anahtar Takımı (mm) Extra Long (XL) Combination Wrench, Set (mm)

| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|---------------|-------------------------------------|-----|--------|
| ★0360 00 2108 | 8 - 9 - 10 - 11 - 12 - 13 - 17 - 19 | 915 | 8 |

0600

Kurbağacak Anahtar Süper İzole Adjustable Wrench Super Insulated



TSE
TS 3796
DIN 3117

Krom vanadyum, Krom kaplı, Kalın PVC izoleli
Chrom vanadium, Chrom plated, Triple PVC insulated

| KOD CODE | L mm | L inch | a mm | g | TL/Ad. |
|---------------|------|--------|------|-----|--------|
| ★0600 01 0010 | 260 | 10" | 28 | 480 | 5 |

0600

Kurbağacak Anahtar Armatür Adjustable Wrench for Plumbers

TSE
TS 3796
DIN 3117



Krom vanadyum, Krom kaplı, PVC izoleli
Chrom vanadium, Chrom plated, PVC insulated

| KOD CODE | L mm | L inch | a mm | g | TL/Ad. |
|---------------|------|--------|------|-----|--------|
| ★0600 01 2012 | 308 | 12" | 34 | 660 | 5 |

1507

1/4" Mafsallı Kol Flexible Handle

TS ISO 3315
DIN 3122



1/4"

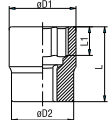
Krom vanadyum, Krom kaplı, Polisajlı
Chrom vanadium, Chrom plated, Polished

| KOD CODE | L mm | g | TL/Ad. |
|---------------|------|----|--------|
| ★1507 06 0130 | 130 | 85 | 5 |

1207

1/4" Sekiz Köşe Lokma Anahtar (mm) Socket Wrench 8 Points (mm)

TS ISO 2725 -1
DIN 3124



1/4"

Krom vanadyum, Krom kaplı, Polisajlı
Chrom vanadium, Chrom plated, Polished

| KOD CODE | mm | ø D1 mm | ø D2 mm | L mm | g | TL/Ad. |
|---------------|----|---------|---------|------|----|--------|
| ★1207 06 8008 | 8 | 12.2 | 12.2 | 24.5 | 15 | 10 |
| ★1207 06 8010 | 10 | 14.7 | 14.7 | 24.5 | 25 | 10 |

1510

3/8" Mafsallı Kol
Flexible Handle

TS ISO 3315
DIN 3122



3/8"

Krom vanadyum, Krom kaplı, Polished
Chrom vanadium, Chrom plated, Polished

| KOD CODE | L mm | g | | TL/Ad. |
|---------------|------|-----|---|--------|
| ★1510 06 0215 | 215 | 310 | 5 | |

1845

Mafsallı Buji Lokma
Spark Plug Wrench with Universal Joint



Özel alaşım çelik, Krom kaplı
Special steel, Chrom plated

| KOD CODE | mm | L mm | g | | TL/Ad. |
|---------------|------|------|-----|----|--------|
| ★1845 08 0160 | 16 | 500 | 525 | 10 | |
| ★1845 08 0208 | 20.8 | 520 | 960 | 10 | |

1857

T Kol Lokma
T - Handle Hexagonal Socket Wrench



Özel alaşım çelik, Krom kaplı
Special steel, Chrom plated

| KOD CODE | mm | L mm | g | | TL/Ad. |
|---------------|----|------|-----|----|--------|
| ★1857 08 0010 | 10 | 240 | 260 | 10 | |
| ★1857 08 0013 | 13 | 260 | 315 | 10 | |
| ★1857 08 0017 | 17 | 280 | 470 | 10 | |
| ★1857 08 0019 | 19 | 300 | 590 | 10 | |

1513

1/2" Havalı Lokma Ara Kol
Impact Socket Extension Bar



1/2"

Krom molibden, Fosfat kaplamalı
Chrom molybdenum, Phosphate finish

| KOD CODE | L mm | g | | TL/Ad. |
|---------------|------|-----|---|--------|
| ★1513 06 7250 | 250 | 450 | 5 | |

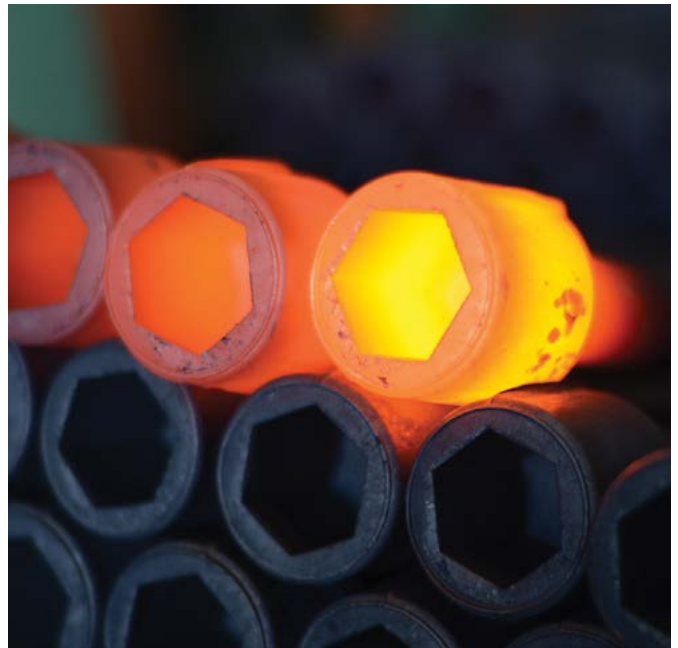
1113

1/2" Alaşım Jant Lokma Takımı (7 Parça, mm)
Combination Lug Nut Socket Set (7 Pcs, mm)



1/2"

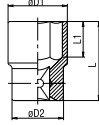
| KOD CODE | LOKMA LAR Sockets | g | | TL/Ad. |
|---------------|-----------------------------------|------|---|--------|
| ★1113 00 9007 | 17 - 19 - 21 - 22 23 - 24 - 27 | 2250 | 7 | |



1113

1/2" Manyetik Lokma (mm)
Socket Wrench 6 Points (mm)

TS ISO 2725 -1
DIN 3124


1/2"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | ø D1 mm | ø D2 mm | L mm | g | TL/Ad. |
|---------------|----|---------|---------|------|----|--------|
| ★1113 06 3008 | 8 | 13.2 | 21.8 | 38 | 55 | 10 |
| ★1113 06 3010 | 10 | 15 | 23.3 | 38 | 55 | 10 |
| ★1113 06 3012 | 12 | 17.8 | 23.3 | 38 | 60 | 10 |
| ★1113 06 3014 | 14 | 20.4 | 23.3 | 38 | 65 | 10 |

1113

1/2" Manyetik Lokma Torx® Uç
Magnetic Socket Wrench 6 Points - Torx® Bits


1/2"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | Torx® Uçlar Torx® Bits | Kullanılan Lokma For Dimensions | g | TL/Ad. |
|---------------|---------------------------|---|------|--------|
| ★1113 06 3120 | T20 | 8mm Manyetik Lokma Magnetic Socket Wrench | 9 | 10 |
| ★1113 06 3125 | T25 | | 9 | 10 |
| ★1113 06 3127 | T27 | | 9 | 10 |
| ★1113 06 3130 | T30 | | 9.4 | 10 |
| ★1113 06 3140 | T40 | | 10.2 | 10 |
| ★1113 06 3145 | T45 | | 11 | 10 |
| ★1113 06 3150 | T50 | 11.7 | 10 | |
| ★1113 06 3155 | T55 | 10mm Manyetik Lokma Magnetic Socket Wrench | 18.2 | 10 |

| | | | | |
|---------------|-----|---|------|----|
| ★1113 06 3160 | T60 | 14mm Manyetik Lokma Magnetic Socket Wrench | 31.6 | 10 |
|---------------|-----|---|------|----|

1113

1/2" Manyetik Lokma Allen Uç (mm)
Magnetic Socket Wrench 6 Points (mm) - Hex Bits


1/2"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | ALLEN UÇLAR HEX BITS | Kullanılan Lokma For Dimensions | g | TL/Ad. |
|---------------|-------------------------|---|-----|--------|
| ★1113 06 3205 | 5mm | 8mm Manyetik Lokma Magnetic Socket Wrench | 12 | 10 |
| ★1113 06 3206 | 6mm | 8mm Manyetik Lokma Magnetic Socket Wrench | 139 | 10 |
| ★1113 06 3207 | 7mm | | 14 | 10 |
| ★1113 06 3208 | 8mm | | 14 | 10 |
| ★1113 06 3210 | 10mm | 10mm Manyetik Lokma Magnetic Socket Wrench | 24 | 10 |
| ★1113 06 3212 | 12mm | 12mm Manyetik Lokma Magnetic Socket Wrench | 37 | 10 |
| ★1113 06 3214 | 14mm | 14mm Manyetik Lokma Magnetic Socket Wrench | 42 | 10 |

1113

1/2" Manyetik Lokmalı Uç Takımı (20 Parça)
Magnetic Hex Bit Sockets Torx® Bit Sockets Set (20 Pcs)

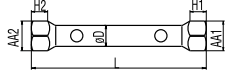

1/2"

| KOD CODE | İÇERİK CONTENTS | TL/Ad. |
|---------------|---|--------|
| ★1113 00 3020 | Manyetik Lokma (1/2") Magnetic Socket Wrench 8 -10 - 12 - 14 Allen Uç Hex Bit Socket 5-6-7-8-10-12-14 Torx® Uç / Torx® Bits T20 - T25 - T27 -T30 - T40 T45 - T50 - T55 - T60 | 20 |

1800

Kovan Anahtar İki Ağız (mm)
Double Ended Tubular
Socket Wrench (mm)

TS ISO 3793
DIN 896
TSE



Diksişiz çelik boru, Çinko kaplı
Seamless steel tube, Zinc plated

| KOD CODE | mm | L mm | AA1 mm | AA2 mm | H1 mm | H2 mm | g | TL/Ad. |
|---------------|-------|------|--------|--------|-------|-------|-----|--------|
| ★1800 07 2123 | 21x23 | 165 | 26.4 | 28.4 | 17 | 19 | 240 | 5 |
| ★1800 07 2426 | 24x26 | 180 | 30.4 | 32.4 | 20 | 22 | 340 | 5 |
| ★1800 07 2528 | 25x28 | 200 | 31.4 | 34.4 | 21 | 24 | 400 | 5 |
| ★1800 07 2732 | 27x32 | 200 | 33.4 | 38.4 | 23 | 26 | 435 | 5 |

2200

Maşalı Boru Anahtarı (45°)
Pipe Wrench (45°)



Krom vanadyum, Dişler indüksiyonda sertleştirilmiş, Elektrostatik boyanmış
Chrom vanadium, Teeth induction hardened, Electrostatically painted

| KOD CODE | L mm | mm | ÖLÇÜ SIZE Inch | g | TL/Ad. |
|---------------|------|----|----------------|------|--------|
| ★2200 10 0005 | 255 | 22 | 1/2" | 385 | 1 |
| ★2200 10 0010 | 335 | 35 | 1" | 720 | 1 |
| ★2200 10 0015 | 470 | 46 | 1 1/2" | 1345 | 1 |
| ★2200 10 0020 | 630 | 65 | 2" | 2470 | 1 |

2202

İsveç Tip Maşalı Boru Anahtarı
Pipe Wrench, Swedish Pattern

DIN 5234



Krom vanadyum, Dişler indüksiyonda sertleştirilmiş, Elektrostatik boyanmış
Chrom vanadium, Teeth induction hardened, Electrostatically painted

| KOD CODE | L mm | mm | ÖLÇÜ SIZE Inch | g | TL/Ad. |
|---------------|------|----|----------------|------|--------|
| ★2202 10 0010 | 320 | 40 | 1" | 845 | 1 |
| ★2202 10 0015 | 410 | 60 | 1 1/2" | 1465 | 1 |
| ★2202 10 0020 | 535 | 70 | 2" | 2345 | 1 |

2300

Zincirli Boru Anahtarı
Chain Pipe Wrench Heavy Duty



Özel alaşımli çelik, Dişler indüksiyonda sertleştirilmiş, Elektrostatik boyanmış
Special steel, Teeth induction hardened, Electrostatically painted

| KOD CODE | L mm | A mm | A inch | g | TL/Ad. |
|---------------|------|------|--------|-------|--------|
| ★2300 10 0015 | 350 | 50 | 1 1/2" | 1345 | 1 |
| ★2300 10 0025 | 685 | 75 | 2 1/2" | 3500 | 1 |
| ★2300 10 0040 | 940 | 115 | 4" | 6700 | 1 |
| ★2300 10 0060 | 1125 | 165 | 6" | 12600 | 1 |
| ★2300 10 0080 | 1280 | 220 | 8" | 17165 | 1 |
| ★2300 10 0120 | 1625 | 325 | 12" | 24400 | 1 |

2300

Zincirli Boru Anahtarı Yedek Zinciri
Spare Chain



| KOD CODE | ÖLÇÜ FOR | g | TL/Ad. |
|---------------|----------|------|--------|
| ★2300 10 1015 | 1 1/2" | 240 | 1 |
| ★2300 10 1025 | 2 1/2" | 400 | 1 |
| ★2300 10 1040 | 4" | 600 | 1 |
| ★2300 10 1080 | 8" | 3285 | 1 |
| ★2300 10 1120 | 12" | 4625 | 1 |

3225

Kargaburun Eğri Uçlu Ergonomik
Nose Pliers (Bent)

TS 60 - TS ISO 5745



Özel alaşımli çelik, Kesici ağızlar indüksiyonda sertleştirilmiş, Krom kaplı
Special steel, Cutters induction hardened, Chrom plated

| KOD CODE | L mm | L inch | MODEL | g | TL/Ad. |
|---------------|------|--------|-----------|-----|--------|
| ★3225 13 5160 | 160 | 6 1/4" | ERGONOMİK | 140 | 5 |
| ★3225 13 5180 | 180 | 7 1/8" | ERGONOMİK | 160 | 5 |
| ★3225 13 5200 | 200 | 8" | ERGONOMİK | 170 | 5 |

3700

Süper İzole Yan Keski Side Cutting Pliers, Super Insulated

TS 60 - TS ISO 5749
DIN ISO 5749



△ 1000 V
E DIN EN 60900:2005



Özel alaşımlı çelik, Kesici ağızlar indüksiyonda sertleştirilmiş,
Krom kaplı, Kalın PVC izoleli
Special steel, Cutters induction hardened,
Chrom plated, Triple PVC insulated

| KOD CODE | L mm | L inch | g | TL/Ad. |
|---------------|------|--------|-----|--------|
| ★3700 16 0160 | 160 | 6 1/4" | 275 | 5 |

3310

Çakma Uçlu Dış Segman Pense (Eğri) Circlip Pliers, External Insert Tips (Bent)



Krom vanadyum, Siyah oksit kaplı, PVC izoleli
Chrom vanadium, Black finish, PVC insulated

| KOD CODE | L mm | ÖLÇÜ | g | TL/Ad. |
|---------------|------|---------|-----|--------|
| ★3310 12 0170 | 170 | 19 - 60 | 190 | 5 |

3320

Çakma Uçlu İç Segman Pense (Düz) Circlip Pliers, Inside Driven Tips (Flat)



Krom vanadyum, Siyah oksit kaplı, PVC izoleli
Chrom vanadium, Black finish, PVC insulated

| KOD CODE | L mm | ÖLÇÜ | g | TL/Ad. |
|---------------|------|----------|-----|--------|
| ★3320 12 0140 | 140 | 8 - 25 | 100 | 5 |
| ★3320 12 0225 | 225 | 40 - 100 | 250 | 5 |

3330

Çakma Uçlu İç Segman Pense (Eğri) Circlip Pliers, Internal Insert Tips (Bent)



Krom vanadyum, Siyah oksit kaplı, PVC izoleli
Chrom vanadium, Black finish, PVC insulated

| KOD CODE | L mm | ÖLÇÜ | g | TL/Ad. |
|---------------|------|---------|-----|--------|
| ★3330 12 0170 | 170 | 19 - 60 | 185 | 5 |

3400

Sübab Segman Pense Pliers for Valve Seals



| KOD CODE | L mm | L inch | g | TL/Ad. |
|---------------|------|--------|-----|--------|
| ★3400 12 0275 | 275 | 11" | 350 | 5 |

3405

Piston Segman Pense Piston Ring Pliers



| KOD CODE | L mm | ÖLÇÜ | g | TL/Ad. |
|---------------|------|------------|-----|--------|
| ★3405 12 0225 | 265 | Ø60 - Ø160 | 200 | 5 |

3415

Fren Yay Pensesi Brake Spring Pliers

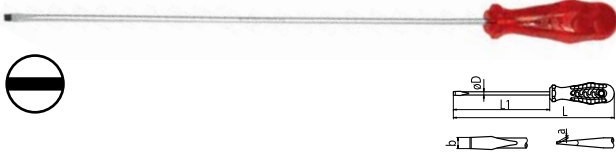


Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | L inch | g | TL/Ad. |
|---------------|------|--------|------|--------|
| ★3415 12 0320 | 320 | 13" | 430 | 5 |
| ★3415 12 0525 | 525 | 20" | 1190 | 5 |

4100

Kraft Seri Sngs Uzun Dz Ulu Tornovida
Screwdriver, Kraft, Flat, Long



Krom vanadyum, Krom kaplı, Ucu siyah oksit, Selloz asetat saplı
Chrom vanadium, Chrom plated and blackened,
Cellulose acetate handle.

| KOD CODE | øDxL1 mm | ⊖ | | L mm | g | TL/Ad. |
|---------------|----------|------|------|------|-----|--------|
| | | a mm | b mm | | | |
| ★4100 17 3250 | 3x250 | 0.5 | 3 | 325 | 40 | 10 |
| ★4100 17 4250 | 4x250 | 0.8 | 4 | 335 | 65 | 10 |
| ★4100 17 5300 | 5x300 | 1.0 | 5.5 | 395 | 105 | 10 |

4110

Kraft Seri Dz Ulu Topa Tornovida
Screwdriver, Kraft, Stubby, Flat

TS 59

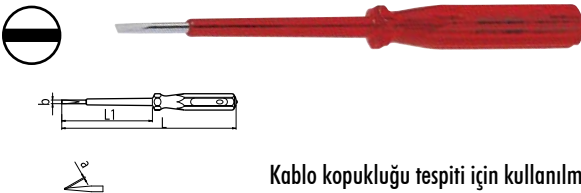


Krom vanadyum, Krom kaplı, Ucu siyah oksit, Selloz asetat saplı
Chrom vanadium, Chrom plated and blackened,
Cellulose acetate handle

| KOD CODE | øDxL1 mm | ⊖ | | L mm | g | TL/Ad. |
|----------------|----------|------|------|------|----|--------|
| | | a mm | b mm | | | |
| ★ 4110 17 0425 | 4x25 | 0.8 | 4 | 70 | 40 | 5 |
| ★ 4110 17 0825 | 8x25 | 1.2 | 8 | 70 | 40 | 5 |

4551

Tester Kontrol Kalemi (Dz Ulu)
A/C Tester (Flat)



Kablo kopukluęu tespiti iin kullanılmaktadır.
is used for the detection of cable break

Krom vanadyum, Krom kaplı, Őeffa selloz asetat saplı
Chrom vanadium, Chrom plated, Transparent cellulose acetate handle

| KOD CODE | L mm | ⊖ | | L1 mm | g | TL/Ad. |
|---------------|------|------|------|-------|----|--------|
| | | a mm | b mm | | | |
| ★4551 17 0190 | 190 | 0.8 | 4 | 100 | 40 | 10 |

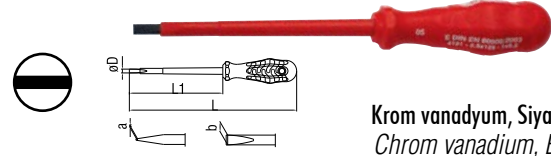
4101

Sngs İzoleli Dz Ulu Tornovida
Screwdriver, Electrician Blade,
Insulated, Flat

TS 59



1000 V
E DIN EN 60900:2005



Krom vanadyum, Siyah oksit kaplı
Chrom vanadium, Black finish

| KOD CODE | øDxL1 mm | ⊖ | | L mm | g | TL/Ad. |
|---------------|----------|------|------|------|----|--------|
| | | a mm | b mm | | | |
| ★4101 17 2575 | 2.5x75 | 0.4 | 2.5 | 150 | 25 | 10 |
| ★4101 17 4100 | 4x100 | 0.8 | 4 | 185 | 40 | 10 |
| ★4101 17 5512 | 5.5x125 | 1 | 5.5 | 220 | 70 | 10 |
| ★4101 17 6515 | 6.5x150 | 1.2 | 6.5 | 245 | 90 | 10 |

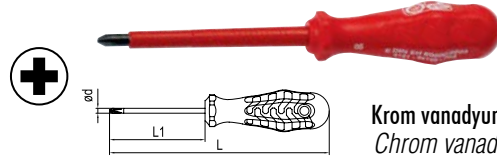
4121

Sngs İzoleli Yıldız Ulu Tornovida
Screwdriver, Electrician Blade,
Insulated, Phillips

TS 59



1000 V
E DIN EN 60900:2005



Krom vanadyum, Siyah oksit kaplı
Chrom vanadium, Black finish

| KOD CODE | øDxL1 mm | + | L mm | g | TL/Ad. |
|---------------|----------|-----|------|----|--------|
| | | | | | |
| ★4121 18 4580 | 4.5x80 | Ph1 | 165 | 45 | 10 |
| ★4121 18 6100 | 6x100 | Ph2 | 195 | 70 | 10 |

4101

Sngs İzoleli Tornovida Seti (6 para)
Screwdriver, Electrician Blade, Insulated Set (6 pcs)

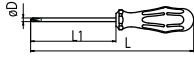


| KOD CODE | İERİK CONTENTS | g | TL/Ad. |
|----------|-----------------|---|--------|
| | | | |

4370

Ergonomik Seri Yıldız Uçlu Tornavida
Screwdriver, Ergonomic, Phillips

TS 59 - 5
ISO 8764-1



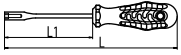
Krom vanadyum, Krom kaplı, Ucu siyah oksit, İki komponent saplı
Chrome vanadium, Chrom plated and black tip
Two component handle.

| KOD CODE | ØDxL1 mm | + | L mm | g | TL/Ad. |
|---------------|----------|-----|------|-----|--------|
| ★4370 18 5100 | 4.5x100 | Ph1 | 185 | 50 | 10 |
| ★4370 18 5150 | 4.5x150 | Ph1 | 235 | 70 | 10 |
| ★4370 18 6150 | 6x150 | Ph2 | 245 | 150 | 10 |

4772

Süngüsü İzoleli Lokma Uçlu Tornavida
Nut Spinner, Electrician Blade Insulated

DIN 3125



Krom vanadyum, PP saplı
Chrome vanadium, PP handle

| KOD CODE | Ø mm | L mm | L1 mm | g | TL/Ad. |
|---------------|------|------|-------|-----|--------|
| ★4772 19 0040 | 4 | 220 | 125 | 90 | 10 |
| ★4772 19 0050 | 5 | 220 | 125 | 90 | 10 |
| ★4772 19 0055 | 5.5 | 220 | 125 | 90 | 10 |
| ★4772 19 0060 | 6 | 220 | 125 | 90 | 10 |
| ★4772 19 0070 | 7 | 230 | 125 | 110 | 10 |
| ★4772 19 0080 | 8 | 230 | 125 | 120 | 10 |
| ★4772 19 0090 | 9 | 230 | 125 | 125 | 10 |
| ★4772 19 0100 | 10 | 230 | 125 | 125 | 10 |
| ★4772 19 0110 | 11 | 230 | 125 | 140 | 10 |
| ★4772 19 0120 | 12 | 230 | 125 | 145 | 10 |
| ★4772 19 0130 | 13 | 230 | 125 | 150 | 10 |
| ★4772 19 0140 | 14 | 230 | 125 | 150 | 10 |

Süngüsü İzoleli Lokma Uçlu Tornavida Seti (8 Parça)
Nut Spinner, Electrician Blade Insulated Set (8 Pcs)

| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|---------------|-----------------------------------|------|--------|
| ★4772 00 8108 | 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 | 2225 | 8 |

4782

Süngüsü İzoleli Manyetik Bits Tutucu Tornavida
Screwdriver, Magnetic Bit Holder Insulated



| KOD CODE | Ø mm | L mm | L1 mm | g | TL/Ad. |
|---------------|------|------|-------|-----|--------|
| ★4782 19 6120 | 6.3 | 230 | 120 | 115 | 10 |

4920

T Tipi Allen Anahtar (mm)
Hex Key Wrench T - Handle (mm)



Molibden Vanadyum
Molybdenum Vanadium

| KOD CODE | Ø mm | L mm | L1 mm | g | TL/Ad. |
|---------------|------|------|-------|----|--------|
| ★4920 22 0020 | 2 | 110 | 14 | 20 | 5 |

5700

Kayış Zimba
Belt Punch

DIN 7200



Krom vanadyum, Elektrostatik boyanmış
Chrome vanadium, Electrostatically painted

| KOD CODE | ØD mm | L mm | g | TL/Ad. |
|---------------|-------|------|-----|--------|
| ★5700 24 1023 | 23 | 160 | 305 | 5 |
| ★5700 24 1024 | 24 | 160 | 320 | 5 |
| ★5700 24 1027 | 27 | 180 | 415 | 5 |
| ★5700 24 1029 | 29 | 190 | 465 | 5 |
| ★5700 24 1030 | 30 | 190 | 475 | 5 |
| ★5700 24 1032 | 32 | 190 | 500 | 5 |

6415

Nacak
Hatchet



Özel alaşımli çelik, İndüksiyonda sertleştirilmiş, Elektrostatik boyanmış
Special steel, Induction hardened, Electrostatically painted

| KOD CODE | L mm | L1 mm | L2 mm | g | TL/Ad. |
|---------------|------|-------|-------|-----|--------|
| ★6415 25 0700 | 380 | 140 | 86 | 700 | 965 |

05888

Çelik Gönye
Square



Özel alaşımlı çelikten yapılmış
Made from special alloyed steel

| KOD CODE | L cm | g | TL/Ad. |
|---------------|---------|-----|--------|
| ★05888 50 030 | 30 | 180 | 10 |

6235

Sübab Ayar Tornavidası
Valve Adjustment Spinner



| KOD CODE | L mm | g | TL/Ad. |
|---------------|---------|----|--------|
| ★6235 19 0220 | 220 | 90 | 10 |

6371

Üç Ayaklı Yağ Filtresi Sökeceği
Oil Filter Hook 3 Arms Pattern



| KOD CODE | Ø mm | g | TL/Ad. |
|---------------|----------|-----|--------|
| ★6371 26 3120 | 63 - 120 | 700 | 5 |

06376

Sac Yağ Filtresi Sökeceği
Oil Filter Wrench



| KOD CODE | Ø mm | inch | g | TL/Ad. |
|---------------|---------|------|-----|--------|
| ★06376 50 108 | 108 | 3/8" | 240 | 5 |

06377

Yağ Filtresi Sökeceği Seti (30 Parça)
30 Pcs. Cup type Oil Filter Wrench Kit



| KOD CODE | Ø mm | İÇERİK CONTENTS | g | TL/Ad. |
|---------------|----------|--|------|--------|
| ★06377 00 030 | 65 - 120 | 28 Parça Karartmalı Sac Yağ Filtresi Sökeceği Ø65 - 108 mm, 28 Pcs Oil Filter Wrench Ø65 - 108 mm, 1 Adet Üç Ayaklı Yağ Filtresi Sökeceği Ø65 120mm, Oil Filter Hooks 3 Arms 120 mm 1 Adet 1/2"Fx3/8"M Adaptör 1Pcs Adapter 1/2"Fx3/8"M | 7350 | 1 |

07420

Basınçlı Hava Hortumu
Compressed Airtube Reel



| KOD CODE | ÖLÇÜ SIZE | BASINÇ BAR | g | TL/Ad. |
|---------------|--------------|---------------|------|--------|
| ★07420 50 020 | 20 m. | 10 | 4760 | 1 |

6209

Kaportacı Makası Profesyonel
Punch Snip Professional



Özel alaşımli çelik, Kesici ağızlar induksiyonda sertleştirilmiş
Special steel, Cutters induction hardened

| KOD CODE | L mm | L inch | g | TL/Ad. |
|---------------|------|--------|-----|--------|
| ★6209 27 0270 | 270 | 11" | 465 | 5 |

6760

Narenciye Makası
Pruning Shears (Citrus)

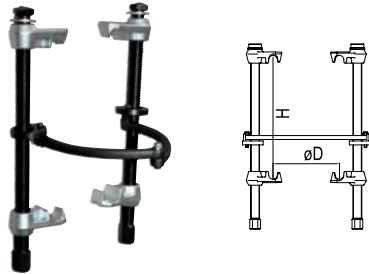


Özel alaşımli çelik, Kesici ağızlar induksiyonda sertleştirilmiş, PVC izoleli
Special steel, Cutters induction hardened, PVC insulated

| KOD CODE | L mm | L inch | g | TL/Ad. |
|---------------|------|--------|-----|--------|
| ★6760 27 0125 | 125 | 5" | 125 | 5 |

7124

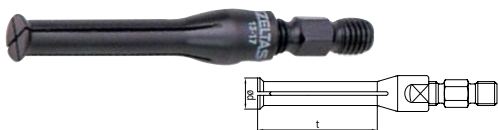
Amortisör Çektirme
Puller For Absorber



| KOD CODE | KAPASİTE CAPACITY | øD mm | H mm | g | TL/Ad. |
|---------------|-------------------|-------|------|------|--------|
| ★7124 29 1118 | 110x180/240 | 110 | 180 | 2445 | 1 |

7120

İç Rulman Çektirme Pensleri - Model A
Internal Expansion Puller - Model A



| KOD CODE | øD mm | Kullanılan Kol / For | t mm | Adaptör vidası | g | TL/Ad. |
|---------------|---------|----------------------|------|----------------|-----|--------|
| ★7120 29 4555 | 45 - 55 | 60 - 210 | 100 | G3/8 | 600 | 1 |
| ★7120 29 5060 | 50 - 60 | 60 - 210 | 100 | G3/8 | 700 | 1 |

7120

İç Rulman Çektirme Pensleri - Model B
Internal Expansion Puller - Model B



| KOD CODE | øD mm | Kullanılan Kol / For | t mm | Adaptör vidası | g | TL/Ad. |
|---------------|---------|----------------------|------|----------------|------|--------|
| ★7120 29 4075 | 40 - 75 | 60 - 210 | 100 | G3/8 | 1200 | 1 |

7125

Rotil Çektirme (Çatal)
Ball Joint Separator



| KOD CODE | B mm | H mm | L mm | g | TL/Ad. |
|---------------|------|------|------|------|--------|
| ★7125 29 0018 | 18 | 22 | 330 | 785 | 1 |
| ★7125 29 0031 | 31 | 26 | 330 | 1060 | 1 |
| ★7125 29 0035 | 35 | 26 | 350 | 1150 | 1 |
| ★7125 29 0045 | 45 | 26 | 350 | 1155 | 1 |

7128

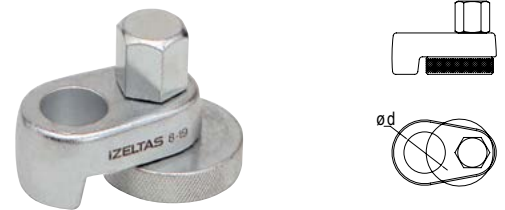
Rotil Çektirme
Extractor For Ball Joint



| KOD CODE | KAPASİTE CAPACITY mm | g | TL/Ad. |
|---------------|----------------------|-----|--------|
| ★7128 29 1822 | 18 - 22 | 830 | 1 |

7130

Saplama Sökme - Model A
Stud inserter And Remover Cam Type - Model A



| KOD CODE | KAPASİTE CAPACITY mm | øD mm | g | TL/Ad. |
|---------------|----------------------|-------|-----|--------|
| ★7130 29 1019 | 10 - 19 | 19 | 365 | 1 |
| ★7130 29 1828 | 18 - 28 | 28 | 410 | 1 |

0341

Cırcır Kombine Anahtar (mm)
Combination Wrench With Ratchet (mm)



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | L mm | a1 mm | a2 mm | σD mm | g | TL/Ad. |
|---------------|----|------|-------|-------|-------|-----|--------|
| ★0341 02 0009 | 9 | 150 | 4.3 | 6.9 | 18.6 | 35 | 10 |
| ★0341 02 0011 | 11 | 165 | 5.2 | 7.7 | 22.2 | 60 | 10 |
| ★0341 02 0012 | 12 | 170 | 5.4 | 8.2 | 23.2 | 70 | 10 |
| ★0341 02 0014 | 14 | 190 | 6 | 9 | 27.6 | 105 | 10 |
| ★0341 02 0015 | 15 | 200 | 6.5 | 9.5 | 28.8 | 120 | 10 |
| ★0341 02 0018 | 18 | 235 | 7.9 | 10.8 | 33.1 | 195 | 10 |
| ★0341 02 0021 | 21 | 290 | 8.5 | 13 | 40.3 | 330 | 10 |

0701

Çatal Çakma Anahtar (mm)
Slugging Open Jaw Wrench (mm)

TS 81
DIN 133



Krom vanadyum
Chrom vanadium

| KOD CODE | mm | L mm | a1 mm | b mm | g | TL/Ad. |
|---------------|-----|------|-------|------|-------|--------|
| ★0701 05 0024 | 24 | 160 | 15 | 42 | 280 | 1 |
| ★0701 05 0027 | 27 | 180 | 16 | 45 | 385 | 1 |
| ★0701 05 0032 | 32 | 190 | 17 | 50 | 530 | 1 |
| ★0701 05 0042 | 42 | 230 | 19 | 62 | 930 | 1 |
| ★0701 05 0047 | 47 | 255 | 21 | 72 | 1320 | 1 |
| ★0701 05 0075 | 75 | 375 | 31 | 108 | 4460 | 1 |
| ★0701 05 0080 | 80 | 405 | 34 | 126 | 6115 | 1 |
| ★0701 05 0095 | 95 | 445 | 38 | 140 | 8160 | 1 |
| ★0701 05 0100 | 100 | 485 | 44 | 148 | 12355 | 1 |

0751

Yıldız Çakma Anahtar (mm)
Slugging Ring Wrench (mm)

TS 3794
DIN 7444



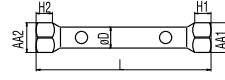
Krom vanadyum
Chrom vanadium

| KOD CODE | mm | L mm | a1 mm | b mm | g | TL/Ad. |
|---------------|-----|------|-------|------|------|--------|
| ★0751 05 0027 | 27 | 180 | 16 | 46 | 340 | 1 |
| ★0751 05 0038 | 38 | 205 | 19 | 59 | 540 | 1 |
| ★0751 05 0042 | 42 | 225 | 20 | 64 | 730 | 1 |
| ★0751 05 0047 | 47 | 240 | 22 | 73 | 985 | 1 |
| ★0751 05 0070 | 70 | 330 | 32 | 109 | 2890 | 1 |
| ★0751 05 0085 | 85 | 360 | 35 | 123 | 3635 | 1 |
| ★0751 05 0090 | 90 | 390 | 40 | 142 | 5545 | 1 |
| ★0751 05 0095 | 95 | 390 | 40 | 142 | 5555 | 1 |
| ★0751 05 0100 | 100 | 420 | 44 | 152 | 6880 | 1 |

1801

Kovan Anahtar İki Ağız (mm)
Double Ended Tubular Socket Wrench (mm)

TS ISO 3793
DIN 896

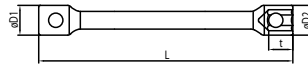


Dikişsiz çelik boru, Çinko kaplı
Seamless steel tube, Zinc plated.

| KOD CODE | mm | L mm | AA1 mm | AA2 mm | H1 mm | H2 mm | σD mm | g | TL/Ad. |
|---------------|-------|------|--------|--------|-------|-------|-------|-----|--------|
| ★1801 07 0607 | 6x7 | 105 | 8.6 | 9.6 | 7 | 8 | 8 | 25 | 5 |
| ★1801 07 2022 | 20x22 | 165 | 25.4 | 27.4 | 16 | 18 | 22 | 220 | 5 |
| ★1801 07 2123 | 21x23 | 165 | 26.4 | 28.4 | 17 | 19 | 24 | 240 | 5 |
| ★1801 07 2426 | 24x26 | 180 | 30.4 | 32.4 | 20 | 22 | 26 | 340 | 5 |
| ★1801 07 2528 | 25x28 | 200 | 31.4 | 34.4 | 21 | 24 | 28 | 400 | 5 |
| ★1801 07 2732 | 27x32 | 200 | 33.4 | 38.4 | 23 | 26 | 30 | 435 | 5 |

1875

Ağır Tip Bijon Anahtarı İki Ağız Uzun
Double Ended Rim Wrench (long)



Özel alaşımli çelik, Çinko kaplı
Special steel, Zinc plated

| KOD CODE | mm | L mm | t mm | σD1 mm | σD2 mm | g | g | TL/Ad. |
|---------------|-------|------|------|--------|--------|------|------|--------|
| ★1875 09 2224 | 22x24 | 400 | 34.5 | 34 | 36 | 1060 | 2310 | 10 |
| ★1875 09 2227 | 22x27 | 400 | 34.5 | 34 | 40 | 1060 | 2310 | 10 |
| ★1875 09 2427 | 24x27 | 400 | 34.5 | 36 | 40 | 1060 | 2310 | 10 |
| ★1875 09 2730 | 27x30 | 400 | 34.5 | 40 | 44 | 1250 | 2495 | 10 |
| ★1875 09 3032 | 30x32 | 400 | 34.5 | 44 | 46 | 1380 | 2625 | 10 |
| ★1875 09 3233 | 32x33 | 400 | 34.5 | 46 | 47 | 1430 | 2675 | 10 |

1514

1/2" U Kol
Speed brace with revolving rubber handle

TS ISO 3315
DIN 3122



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | g | TL/Ad. |
|---------------|------|-----|--------|
| ★1514 06 4420 | 420 | 510 | 5 |

1115

1/2" Altı Köşe Lokma Anahtar Takımı (18 Parça, mm)
Socket Wrench Set 6 Points (18 pcs, mm)



1/2"

| KOD CODE | LOKMALAR Sockets | AVADANLIKLAR Accessories | g | TL/ Ad. |
|---------------|--|---|------|------------|
| ★1115 00 6018 | 10 - 11 - 12 13 - 14 - 15 17 - 19 - 22 24 - 27 - 30 32 | 1/2" Cırcır Kolu Ratchet Handle 1/2" U Kol Speed Brace with Revolving Rubber Handle 1/2" T Kol Sliding T Handle 1/2" Mafsal Universal Joint 1/2" Ara Kol Extension Bar 250 mm | 4775 | 18 |

1115

1/2" Altı Köşe Lokma Anahtar Takımı (24 Parça, mm)
Socket Wrench Set 6 Points (24 pcs, mm)



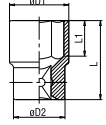
1/2"

| KOD CODE | LOKMALAR Sockets | AVADANLIKLAR Accessories | g | TL/ Ad. |
|---------------|--|---|------|------------|
| ★1115 00 6024 | 10 - 11 - 12 13 - 14 - 15 16 - 17 - 18 19 - 21 - 22 23 - 24 - 27 28 - 30 - 32 | 1/2" Cırcır Kolu Ratchet Handle 1/2" U Kol Speed Brace with Revolving Rubber Handle 1/2" Mafsal Universal Joint 1/2" T Kol Sliding T Handle 1/2" Ara Kol Extension Bar 125 mm 1/2" Ara Kol Extension Bar 250 mm | 5400 | 24 |

1121

3/4" Altı Köşe Lokma Anahtar (mm)
Socket Wrench 6 Points (mm)

TS ISO 2725
DIN 3124



3/4"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | mm | σ D1 mm | σ D2 mm | L mm | L1 mm | g | TL/ Ad. |
|---------------|----|------------|------------|---------|----------|------|------------|
| ★1121 06 0022 | 22 | 33 | 36 | 52 | 16 | 220 | 5 |
| ★1121 06 0024 | 24 | 35 | 36 | 52 | 16 | 220 | 5 |
| ★1121 06 0027 | 27 | 38 | 36 | 52 | 19 | 235 | 5 |
| ★1121 06 0030 | 30 | 42 | 38 | 54 | 21 | 295 | 5 |
| ★1121 06 0034 | 34 | 47 | 42 | 58 | 24 | 400 | 5 |
| ★1121 06 0041 | 41 | 56 | 45 | 64 | 29 | 570 | 5 |
| ★1121 06 0046 | 46 | 62 | 48 | 68 | 33 | 725 | 1 |
| ★1121 06 0050 | 50 | 68 | 48 | 72 | 34 | 905 | 1 |
| ★1121 06 0055 | 55 | 76 | 48 | 76 | 37 | 1095 | 1 |
| ★1121 06 0060 | 60 | 80 | 48 | 78 | 38 | 1275 | 1 |

1521

3/4" Ara Kol
Extension Bar

TS ISO 1174
DIN 3123



3/4"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | g | TL/ Ad. |
|---------------|---------|------|------------|
| ★1521 06 4200 | 200 | 730 | 5 |
| ★1521 06 4400 | 400 | 1380 | 5 |

1521

3/4" T Kol
Sliding T - Handle

TS ISO 3315
DIN 3122



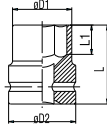
3/4"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

| KOD CODE | L mm | g | TL/ Ad. |
|---------------|---------|------|------------|
| ★1521 06 4500 | 500 | 1490 | 5 |

1115

1/2" Altı Köşe Havalı Lokma Anahtar (mm)
Impact Socket Wrench 6 Points (mm)



1/2"

Krom molibden, Fosfat kaplamalı
Chrom molybdenum, Phosphate finish

| KOD CODE | mm | Ø D1 mm | Ø D2 mm | L mm | g | TL/Ad. |
|---------------|----|---------|---------|------|-----|--------|
| ★1115 06 7010 | 10 | 17 | 25 | 38 | 70 | 10 |
| ★1115 06 7011 | 11 | 18 | 25 | 38 | 70 | 10 |
| ★1115 06 7012 | 12 | 19 | 25 | 38 | 70 | 10 |
| ★1115 06 7013 | 13 | 20 | 25 | 38 | 70 | 10 |
| ★1115 06 7014 | 14 | 22 | 25 | 38 | 75 | 10 |
| ★1115 06 7015 | 15 | 23 | 30 | 38 | 110 | 10 |
| ★1115 06 7016 | 16 | 24 | 30 | 38 | 110 | 10 |
| ★1115 06 7017 | 17 | 26 | 30 | 38 | 115 | 10 |
| ★1115 06 7018 | 18 | 27 | 30 | 38 | 115 | 10 |
| ★1115 06 7019 | 19 | 28 | 30 | 38 | 120 | 10 |
| ★1115 06 7021 | 21 | 30 | 30 | 40 | 125 | 5 |
| ★1115 06 7022 | 22 | 32 | 30 | 40 | 145 | 5 |
| ★1115 06 7024 | 24 | 34 | 30 | 42 | 150 | 5 |
| ★1115 06 7027 | 27 | 38 | 30 | 44 | 175 | 5 |

1514

1/2" Havalı Lokma Mafsal
Impact Socket Universal Joint



1/2"

Krom molibden, Fosfat kaplamalı
Chrom molybdenum, Phosphate finish

| KOD CODE | L mm | g | TL/Ad. |
|---------------|------|-----|--------|
| ★1514 06 7065 | 75 | 220 | 5 |

1514

1/2" Havalı Lokma Ara Kol
Impact Socket Extension Bar



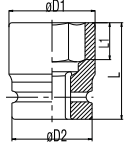
1/2"

Krom molibden, Fosfat kaplamalı
Chrom molybdenum, Phosphate finish

| KOD CODE | L mm | g | TL/Ad. |
|---------------|------|-----|--------|
| ★1514 06 7125 | 125 | 275 | 5 |
| ★1514 06 7250 | 250 | 450 | 5 |

1121

3/4" Altı Köşe Havalı Lokma Anahtar (mm)
Impact Socket Wrench 6 Points (mm)



3/4"

Krom molibden, Fosfat kaplamalı
Chrom molybdenum, Phosphate finish

| KOD CODE | mm | Ø D1 mm | Ø D2 mm | L mm | L1 mm | g | TL/Ad. |
|---------------|----|---------|---------|------|-------|-----|--------|
| ★1121 06 7019 | 19 | 32 | 44 | 50 | 12 | 315 | 5 |
| ★1121 06 7021 | 21 | 35 | 44 | 50 | 15 | 340 | 5 |
| ★1121 06 7022 | 22 | 36 | 44 | 50 | 15 | 345 | 5 |
| ★1121 06 7024 | 24 | 38 | 44 | 50 | 16 | 350 | 1 |
| ★1121 06 7027 | 27 | 42 | 44 | 53 | 17 | 380 | 1 |
| ★1121 06 7030 | 30 | 46 | 44 | 53 | 20 | 410 | 1 |
| ★1121 06 7034 | 34 | 51 | 44 | 57 | 22 | 490 | 1 |
| ★1121 06 7041 | 41 | 59 | 44 | 58 | 24 | 580 | 1 |
| ★1121 06 7046 | 46 | 66 | 44 | 62 | 24 | 720 | 1 |

1521

3/4" Havalı Lokma Ara Kol
Impact Socket Extension Bar



3/4"

Krom molibden, Fosfat kaplamalı
Chrom molybdenum, Phosphate finish

| KOD CODE | L mm | g | TL/Ad. |
|---------------|------|------|--------|
| ★1521 06 7175 | 175 | 865 | 5 |
| ★1521 06 7250 | 250 | 1155 | 5 |
| ★1521 06 7330 | 330 | 1425 | 5 |

1521

3/4" Havalı Lokma Mafsal
Impact Socket Universal Joint



3/4"

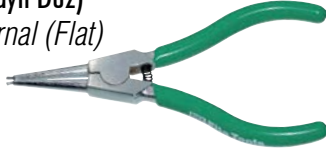
Krom molibden, Fosfat kaplamalı
Chrom molybdenum, Phosphate finish

| KOD CODE | L mm | g | TL/Ad. |
|---------------|------|-----|--------|
| ★1521 06 7108 | 108 | 735 | 1 |

3303

Dış Segman Pense (Yaylı Düz)
Circlip Pliers, External (Flat)

TS 60



Krom vanadyum, Krom kaplı, PVC izoleli
Chrom vanadium, Chrom plated, PVC Insulated

| KOD CODE | L mm | ⌀ | g | TL/Ad. |
|---------------|------|---------|----|--------|
| ★3303 12 0140 | 140 | 10 - 25 | 90 | 5 |

3304

Dış Segman Pense (Yaylı Eğri)
Circlip Pliers, External (Bent)

TS 60



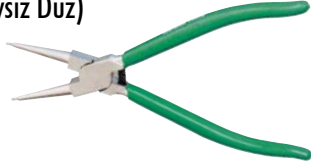
Krom vanadyum, Krom kaplı, PVC izoleli
Chrom vanadium, Chrom plated, PVC Insulated

| KOD CODE | L mm | ⌀ | g | TL/Ad. |
|---------------|------|---------|-----|--------|
| ★3304 12 0125 | 125 | 10 - 25 | 90 | 5 |
| ★3304 12 0170 | 170 | 19 - 60 | 160 | 5 |

3323

İç Segman Pensi (Yaysız Düz)
Circlip Pliers Internal (Flat)

TS 60



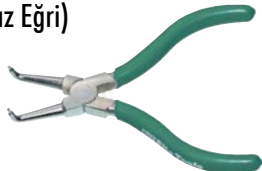
Krom vanadyum, Krom kaplı, PVC izoleli
Chrom vanadium, Chrom plated, PVC Insulated

| KOD CODE | L mm | ⌀ | g | TL/Ad. |
|---------------|------|----------|-----|--------|
| ★3323 12 0140 | 140 | 8 - 25 | 90 | 5 |
| ★3323 12 0230 | 230 | 40 - 100 | 300 | 5 |

3324

İç Segman Pensi (Yaysız Eğri)
Circlip Pliers Internal (Bent)

TS 60



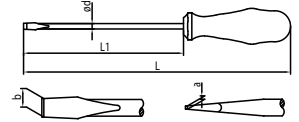
Krom vanadyum, Krom kaplı, PVC izoleli
Chrom vanadium, Chrom plated, PVC Insulated

| KOD CODE | L mm | ⌀ | g | TL/Ad. |
|---------------|------|----------|-----|--------|
| ★3324 12 0130 | 130 | 8 - 25 | 90 | 5 |
| ★3324 12 0170 | 170 | 19 - 60 | 140 | 5 |
| ★3324 12 0210 | 210 | 40 - 100 | 300 | 5 |

4150

Opak Seri Düz Uçlu Tornavida
Screwdriver, Opak, Flat

TS ISO 2380 - 1



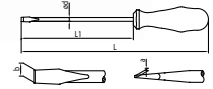
Krom vanadyum, Krom kaplı, PP saplı
Chrom vanadium, Chrom plated, PP handle.

| KOD CODE | ⌀DxL1 mm | ⌀ | | L mm | g | TL/Ad. |
|---------------|----------|------|------|------|-----|--------|
| | | a mm | b mm | | | |
| ★4150 17 7125 | 7x125 | 1.2 | 8 | 260 | 110 | 10 |

4160

Ergonom Seri Düz Uçlu Tornavida
Screwdriver, Ergonom, Flat

TS ISO 2380-1
DIN ISO 2380-1



Krom vanadyum, Krom kaplı, Ucu siyah oksit, İki komponent saplı
Chrom vanadium, Chrom plated and black tips, Two component handle

| KOD CODE | ⌀DxL1 mm | ⌀ | | L mm | g | TL/Ad. |
|---------------|----------|------|------|------|-----|--------|
| | | a mm | b mm | | | |
| ★4160 17 0380 | 3x80 | 0.5 | 3 | 160 | 25 | 10 |
| ★4160 17 0480 | 4x80 | 0.8 | 4 | 170 | 40 | 10 |
| ★4160 17 0580 | 5x80 | 1.0 | 5.5 | 180 | 45 | 10 |
| ★4160 17 4100 | 4x100 | 0.8 | 4 | 190 | 45 | 10 |
| ★4160 17 5100 | 5x100 | 1.0 | 5.5 | 200 | 60 | 10 |
| ★4160 17 6100 | 6x100 | 1.2 | 6.5 | 200 | 85 | 10 |
| ★4160 17 5125 | 5x125 | 1.0 | 5.5 | 225 | 65 | 10 |
| ★4160 17 6125 | 6x125 | 1.2 | 6.5 | 225 | 90 | 10 |
| ★4160 17 7125 | 7x125 | 1.2 | 8 | 235 | 100 | 10 |
| ★4160 17 5150 | 5x150 | 1.6 | 10 | 250 | 85 | 10 |
| ★4160 17 6150 | 6x150 | 1.2 | 6.5 | 250 | 90 | 10 |
| ★4160 17 7150 | 7x150 | 1.2 | 8 | 260 | 130 | 10 |
| ★4160 17 8150 | 8x150 | 1.6 | 10 | 260 | 135 | 10 |
| ★4160 17 7175 | 7x175 | 1.2 | 8 | 285 | 130 | 10 |

4180

Ergonom Seri Yıldız Uçlu Tornavida
Screwdriver, Ergonom, Phillips

TS 59 -5 ISO 8764-1
DIN ISO 8764



Krom vanadyum, Krom kaplı, Ucu siyah oksit, İki komponent saplı
Chrom vanadium, Chrom plated and black tips,
Two component handle.

| KOD CODE | øDxL1 mm | + | L mm | g | TL/Ad. |
|---------------|----------|-----|------|-----|--------|
| ★4180 18 0360 | 3x60 | Ph0 | 140 | 25 | 10 |
| ★4180 18 4580 | 4.5x80 | Ph1 | 170 | 40 | 10 |
| ★4180 18 4510 | 4.5x100 | Ph1 | 190 | 60 | 10 |
| ★4180 18 6100 | 6x100 | Ph2 | 200 | 70 | 10 |
| ★4180 18 6150 | 6x150 | Ph2 | 250 | 110 | 10 |
| ★4180 18 8150 | 8x150 | Ph3 | 260 | 130 | 10 |

4160

Ergonom Seri Tornavida Seti (6 Parça)
Screwdriver Set, Ergonom (6 Pcs.)



| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|---------------|--|-----|--------|
| ★4160 00 8106 | 4x80 - 5x100 6x125 - 7x150 Düz uçlu / Flat 4.5x80 - 6x100 Yıldız uçlu / Phillips | 600 | 6 |

Ergonom Seri Tornavida Seti (7 Parça)
Screwdriver Set, Ergonom (7 Pcs.)

| KOD CODE | İÇERİK CONTENTS | g | TL/Ad. |
|---------------|---|-----|--------|
| ★4160 00 8107 | 3x80 - 4x80 - 4x100 5x125 - 6x150 Düz uçlu / Flat 4.5x80 - 6x100 Yıldız uçlu / Phillips | 670 | 7 |

4181

Değişken Uçlu Tornavida Ergonom
Screwdriver - Reversible



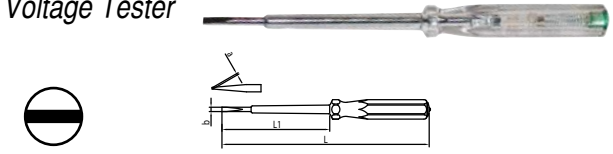
Krom vanadyum, Krom kaplı, İki komponent saplı
Chrom vanadium, Chrom plated, Two component handle.

| KOD CODE | øDxL1 mm | axb mm | + | L mm | g | TL/Ad. |
|---------------|----------|--------|-----|------|----|--------|
| ★4181 17 0680 | 6x80 | 6x1.2 | Ph2 | 180 | 70 | 10 |

4552

Elektrik Kontrol Kalemii
Voltage Tester

TS 13108

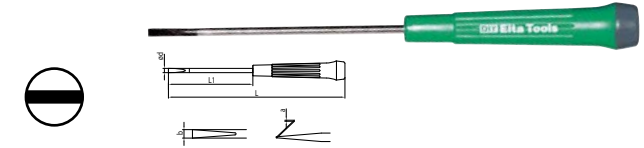


Krom vanadyum, Krom kaplı, Selüloz asetat saplı
Chrom vanadium, Chrom plated, Cellulose acetate handle

| KOD CODE | L mm | a mm | b mm | L1 mm | g | TL/Ad. |
|---------------|------|------|------|-------|----|--------|
| ★4552 17 0190 | 190 | 0.8 | 4 | 100 | 35 | 10 |

4501

Elektronikçi Tip (Klemens) Düz Uçlu Tornavida
Electronic Screwdriver, Flat

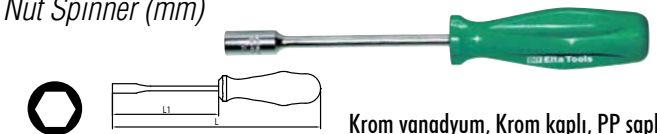


Krom vanadyum, Krom kaplı, Ucu siyah oksit, PP saplı
Chrom vanadium, Chrom plated and black tips, PP handle

| KOD CODE | øDxL1 mm | a mm | b mm | L mm | g | TL/Ad. |
|---------------|----------|------|------|------|----|--------|
| ★4501 17 3150 | 3x150 | 0.5 | 3 | 230 | 20 | 10 |
| ★4501 17 4150 | 4x150 | 0.8 | 4 | 230 | 25 | 10 |

4771

Lokma Uçlu Tornavida (mm)
Nut Spinner (mm)



Krom vanadyum, Krom kaplı, PP saplı
Chrom vanadium, Chrom plated, PP handle

| KOD CODE | mm | L mm | L1 mm | g | TL/Ad. |
|---------------|----|------|-------|-----|--------|
| ★4771 19 0090 | 9 | 235 | 125 | 115 | 10 |

4811

Düz Bits
Slotted Bit



| KOD CODE | ☉ | L mm | g | □ | TL/Ad. |
|---------------|---------|------|----|----|--------|
| ★4811 20 0645 | 0.6x4.5 | 25 | 5 | 10 | |
| ★4811 20 0855 | 0.8x5.5 | 25 | 5 | 10 | |
| ★4811 20 1265 | 1.2x6.5 | 25 | 5 | 10 | |
| ★4811 20 5645 | 0.6x4.5 | 50 | 10 | 10 | |
| ★4811 20 5855 | 0.8x5.5 | 50 | 10 | 10 | |
| ★4811 20 5265 | 1.2x6.5 | 50 | 10 | 10 | |

4821

Yıldız Bits
Phillips Bit



| KOD CODE | ⊕ | L mm | g | □ | TL/Ad. |
|---------------|-----|------|----|----|--------|
| ★4821 21 0001 | Ph1 | 25 | 5 | 10 | |
| ★4821 21 0002 | Ph2 | 25 | 5 | 10 | |
| ★4821 21 0003 | Ph3 | 25 | 5 | 10 | |
| ★4821 21 0011 | Ph1 | 50 | 10 | 10 | |
| ★4821 21 0013 | Ph3 | 50 | 10 | 10 | |

4831

Torx® Bits
Torx® Bit

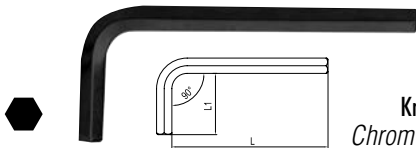


| KOD CODE | ★ | L mm | g | □ | TL/Ad. |
|---------------|-----|------|----|----|--------|
| ★4831 21 0025 | T25 | 25 | 5 | 10 | |
| ★4831 21 0027 | T27 | 25 | 5 | 10 | |
| ★4831 21 0030 | T30 | 25 | 5 | 10 | |
| ★4831 21 0040 | T40 | 25 | 5 | 10 | |
| ★4831 21 0125 | T25 | 50 | 10 | 10 | |
| ★4831 21 0127 | T27 | 50 | 10 | 10 | |
| ★4831 21 0130 | T30 | 50 | 10 | 10 | |
| ★4831 21 0140 | T40 | 50 | 10 | 10 | |

4908

Allen Anahtar Altı Köşe (mm)
Hex Key Wrench (mm)

TS ISO 2936
DIN ISO 2936

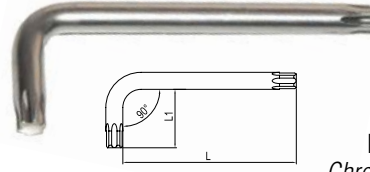


Krom vanadyum, Nikel Kaplı
Chrom vanadium, Nickel finish

| KOD CODE | mm | L mm | L1 mm | g | □ | TL/Ad. |
|---------------|----|------|-------|-----|---|--------|
| ★4908 22 0140 | 14 | 137 | 53 | 250 | 5 | |
| ★4908 22 0170 | 17 | 155 | 60 | 425 | 5 | |

4911

Torx® Allen Anahtar
Torx® Key Wrench



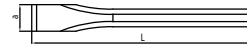
Krom vanadyum, Çinko kaplı
Chrom vanadium, Zinc Plated

| KOD CODE | ★ | L mm | L1 mm | g | □ | TL/Ad. |
|---------------|-----|------|-------|-----|----|--------|
| ★4911 22 0006 | T6 | 42 | 16 | 2 | 10 | |
| ★4911 22 0007 | T7 | 48 | 16 | 2 | 10 | |
| ★4911 22 0008 | T8 | 48 | 16 | 3 | 10 | |
| ★4911 22 0009 | T9 | 48 | 16 | 3 | 10 | |
| ★4911 22 0020 | T20 | 57 | 19 | 5 | 10 | |
| ★4911 22 0027 | T27 | 64 | 21 | 15 | 10 | |
| ★4911 22 0030 | T30 | 70 | 24 | 20 | 10 | |
| ★4911 22 0045 | T45 | 83 | 29 | 40 | 10 | |
| ★4911 22 0050 | T50 | 95 | 32 | 60 | 10 | |
| ★4911 22 0055 | T55 | 108 | 35 | 125 | 10 | |
| ★4911 22 0060 | T60 | 120 | 38 | 185 | 10 | |

5501

Düz Keski
Flat Cold Chisel

TS 492
DIN ISO 6450



Krom vanadyum, Elektrostatik boyanmış
Chrom vanadium, Electrostatically painted

| KOD CODE | L mm | a mm | mm | g | □ | TL/Ad. |
|---------------|------|------|----|-----|---|--------|
| ★5501 23 0150 | 150 | 14 | 12 | 140 | 5 | |
| ★5501 23 0175 | 175 | 18 | 12 | 170 | 5 | |
| ★5501 23 0250 | 250 | 22 | 16 | 370 | 5 | |
| ★5501 23 0300 | 300 | 24 | 20 | 645 | 5 | |

5521

Tırnak Keski
Cross Cut Chisel

TS 492/1

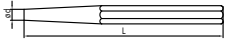


Krom vanadyum, Elektrostatik boyanmış
Chrom vanadium, Electrostatically painted

| KOD CODE | L mm | a mm | mm | g | □ | TL/Ad. |
|---------------|------|------|----|-----|----|--------|
| ★5521 23 0125 | 125 | 5 | 10 | 70 | 10 | |
| ★5521 23 0150 | 150 | 6 | 12 | 110 | 10 | |

5546

Konik Pim Zimba Drift Punch



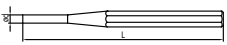
TS 2338
DIN 6448

Krom vanadyum, Elektrostatik boyanmış
Chrom vanadium, Electrostatically painted

| KOD CODE | L mm | L inch | ØD mm | mm | g | TL/Ad. |
|---------------|------|--------|-------|----|-----|--------|
| ★5546 24 0002 | 120 | 4 3/4" | 2 | 10 | 55 | 10 |
| ★5546 24 0003 | 120 | 4 3/4" | 3 | 10 | 60 | 10 |
| ★5546 24 0004 | 120 | 4 3/4" | 4 | 10 | 60 | 10 |
| ★5546 24 0005 | 120 | 4 3/4" | 5 | 10 | 65 | 10 |
| ★5546 24 0006 | 120 | 4 3/4" | 6 | 10 | 65 | 10 |
| ★5546 24 0007 | 120 | 4 3/4" | 7 | 12 | 100 | 10 |
| ★5546 24 0008 | 120 | 4 3/4" | 8 | 12 | 100 | 10 |
| ★5546 24 0009 | 120 | 4 3/4" | 9 | 12 | 105 | 10 |
| ★5546 24 0010 | 120 | 4 3/4" | 10 | 12 | 105 | 10 |

5551

Düz Pim Zimba Split Pin Punch



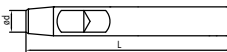
TS 2338
DIN 6450

Krom vanadyum, Elektrostatik boyanmış
Chrom vanadium, Electrostatically painted

| KOD CODE | L mm | ØD mm | g | TL/Ad. |
|---------------|------|-------|-----|--------|
| ★5551 24 0002 | 115 | 2 | 30 | 5 |
| ★5551 24 0006 | 180 | 6 | 125 | 5 |
| ★5551 24 0008 | 200 | 8 | 155 | 5 |
| ★5551 24 0010 | 215 | 10 | 190 | 5 |

5701

Kayış Zimba Belt Punch



DIN 7200

Krom vanadyum, Elektrostatik boyanmış
Chrom vanadium, Electrostatically painted

| KOD CODE | ØD mm | L mm | g | TL/Ad. |
|---------------|-------|------|-----|--------|
| ★5701 24 0003 | 3 | 105 | 35 | 10 |
| ★5701 24 0004 | 4 | 105 | 45 | 10 |
| ★5701 24 0005 | 5 | 110 | 55 | 10 |
| ★5701 24 0006 | 6 | 110 | 60 | 10 |
| ★5701 24 0007 | 7 | 115 | 70 | 10 |
| ★5701 24 0008 | 8 | 115 | 80 | 10 |
| ★5701 24 0009 | 9 | 120 | 100 | 10 |
| ★5701 24 0010 | 10 | 120 | 115 | 10 |
| ★5701 24 0011 | 11 | 125 | 130 | 5 |
| ★5701 24 0012 | 12 | 125 | 145 | 5 |
| ★5701 24 0013 | 13 | 130 | 160 | 5 |
| ★5701 24 0014 | 14 | 130 | 170 | 5 |
| ★5701 24 0015 | 15 | 135 | 250 | 5 |
| ★5701 24 0016 | 16 | 135 | 300 | 5 |
| ★5701 24 0017 | 17 | 140 | 345 | 5 |
| ★5701 24 0019 | 19 | 145 | 410 | 5 |
| ★5701 24 0020 | 20 | 145 | 440 | 5 |

5801

Tesviye Çekiç Machinist Hammer



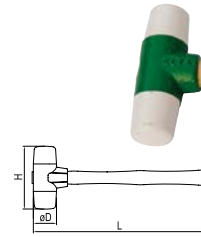
TS 5
DIN 1041

Özel alaşımli çelik, İndüksiyonda sertleştirilmiş
Special steel, Induction hardened

| KOD CODE | L mm | L1 mm | g | g | TL/Ad. |
|---------------|------|-------|------|------|--------|
| ★5801 25 0100 | 260 | 82 | 100 | 145 | 10 |
| ★5801 25 0200 | 280 | 95 | 200 | 245 | 10 |
| ★5801 25 0500 | 320 | 118 | 500 | 565 | 5 |
| ★5801 25 1000 | 360 | 135 | 1000 | 1145 | 5 |
| ★5801 25 1500 | 380 | 145 | 1500 | 1615 | 5 |
| ★5801 25 2000 | 400 | 150 | 2000 | 2300 | 5 |

5851

Plastik Çekiç Plastic Hammer



TS 5

Darbeye dayanıklı, kolay değiştirilebilir başlık
Durable and easily changeable heads

| KOD CODE | L mm | ØD mm | H mm | g | TL/Ad. |
|---------------|------|-------|------|------|--------|
| ★5851 25 0030 | 300 | 30 | 100 | 335 | 5 |
| ★5851 25 0050 | 350 | 50 | 120 | 1030 | 5 |

Başlık / Head

| KOD CODE | ØD mm | g | TL/Ad. |
|---------------|-------|----|--------|
| ★5851 25 0130 | 30 | 35 | 10 |
| ★5851 25 0140 | 40 | 70 | 10 |

6196

Perçin Tabancası Riveting Pliers



| KOD CODE | ÖLÇÜ SIZE | CAPACITY mm | g | TL/Ad. |
|--------------|--------------|---------------------|-----|--------|
| 6196 26 0260 | 260 | 2.5 - 3.2 - 4 - 4.8 | 545 | 1 |





15

Teknik Bilgiler Technical Informations



Teknik Bilgiler Technical Informations

Do not use any extension that the torque exerted through
grasp from the handle.
Do not overload by applying torque exceeds rated
capacity.

Güvenlik Uyarıları/Safety Recommendations



Risk almayın, tedbir alın

İzeltaş El Aletleri, işinizi daha da kolaylaştırmak için her zaman yanınızda olan, özel olarak tasarlanmış en iyi iş arkadaşlarınız. Gelin, onları iş güvenliği kurallarına uyarak, alınacak tedbirleri ihmal etmeyerek kullanalım, sağlığımızı tehlikeye atmayalım.

Don't take risk, just take the necessary measures

İzeltaş Hand Tools are your best work-friends, specially designed for facilitating your job. Let us use them within taking care of the necessary rules, and do not endanger our lives.



Elektrikle bağlantılı işlerde çalışırken mutlaka VDE 1000V aletlerini kullanınız. Diğer plastik saplar izolasyon amaçlı tasarlanmamıştır.

Use VDE 1000 V tools only while you are working with live components. Other plastic handles of the tools are not designed to insulate.



İşin türüne göre gereken, iş güvenliği ekipmanlarını kullanınız.

Use necessary protection materials according to the specification of the job.



Sıkma ve sökme işlemi daima çekerek yapılmalı.

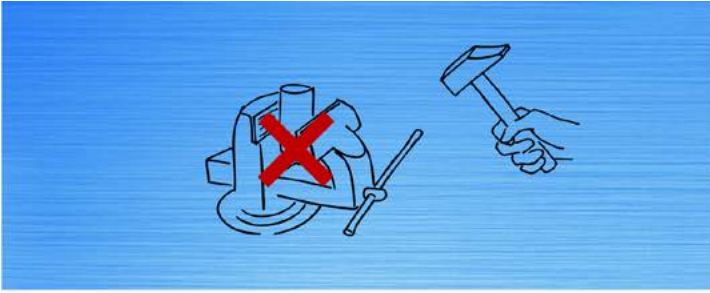
Tightening and extracting applications must be always do as pulling.



Doğru duruşla, doğru hareketi yapın ve uygun olan aleti kullanın.

Make sure that you are well balanced, doing the right motion and use the suitable tools.

GÜVENLİK UYARILARI / Safety Recommendations



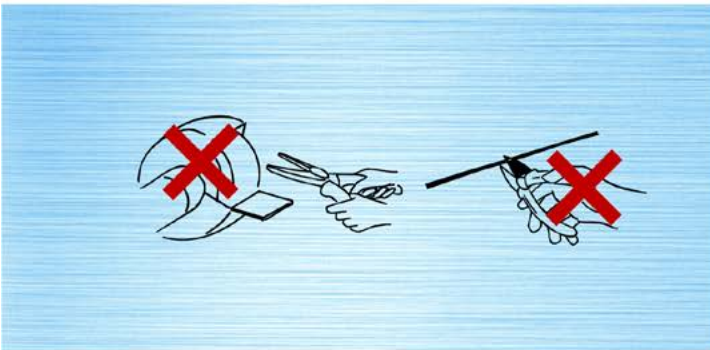
Mengene, işkence türü aletlerin sıkma işleminde çekiç ve uzatma kolu kullanmayınız.

Do not use hammer and extension bar while using kinds of clamping tools.



Tornavidanızı keski, punta veya levye yerine kesinlikle kullanmayınız.

Do not use a screwdriver as a chisel or lever.



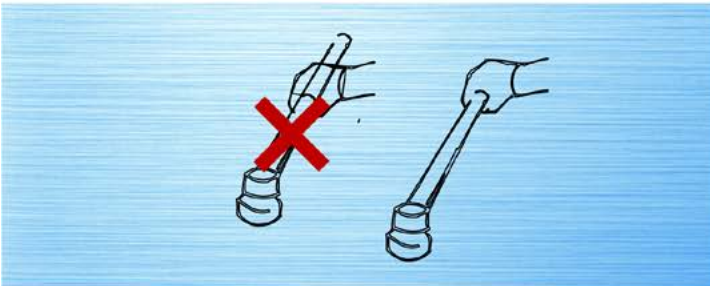
Kesme için uç yerine mafsala yakın yeri kullanınız. Somun ve civata üzerinde kullanmayınız. Çekiç gibi kullanmayınız. Ayarlı (kilitlenebilir) penseleri uzun süre kilitli bırakmayınız, asla basamak gibi kullanmayınız, elemanlar oynayabilir. Asla orijinali bozmayınız.

Use the throat rather than tip of cutting edge. Do not use for bolts and nuts. Do not use like a hammer. Grip pliers should not be used as a permanent clamp, parts can move. Do not modify products.



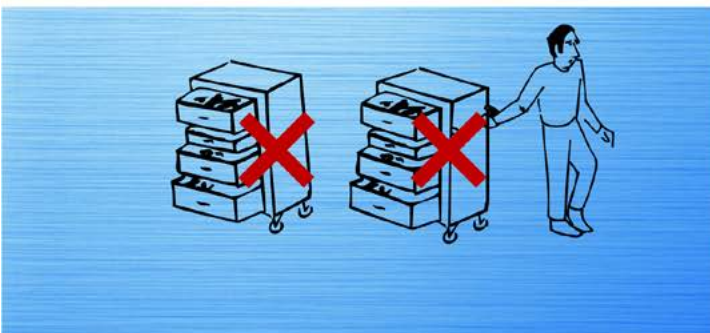
Eşit sertlikteki veya daha sert yüzeylere çekiçle vurmaktan sakınınız. Çekiğin çarpma yüzeyinin vurulan alandan geniş olmasına özen gösteriniz (Çekiç kafasının çapı vurulan yüzeyden yaklaşık 10 mm daha geniş olmalıdır). Arızalı, gevşek veya çatlak çekiçleri kesinlikle kullanmayınız.

Never hit on equal or harder surfaces. A hammer should have a diameter approx. 10 mm larger than the surface to hit. Do not use loose, cracked head hammers.



Tork anahtarı ile birlikte asla uzatma kullanmayınız. Doğru ölçümler için daima sap yerinden tutunuz. Kapasitesinin üzerinde yük uygulamayınız. Tork anahtarını sökme amaçlı kullanmayınız.

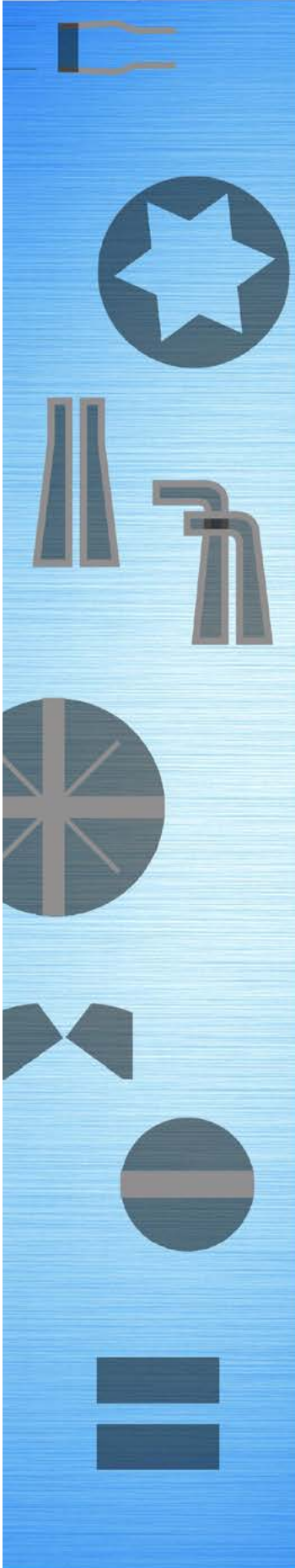
Do not use any extension with the torque wrenches. Always grasp from the handle. Do not overload by applying torque exceeds rated capacity. Do not use the torque wrench to loosen.



Sabit kullanımda birden fazla çekmece açmayınız. Hareket halinde bütün çekmeceler ve kapılar kapalı olmalı ve üzerinde bir şey bulunmamalıdır.

Do not open more than one drawer during your usage. While moving all drawers, doors must be locked.

Semboller / Symbols



Anahtar Ağız
Size



Ağız Açıklığı
Opening Limit of Jaws



Altı Köşe Lokma Bijon
Anahtar Ağız
Six Point Sockets



Sekiz Köşe Anahtar Ağız
Eight Point Wrench



On iki Köşe Anahtar Ağız
Twelve Point Wrench



Kare Adaptör
Square Adapter



Kovan Anahtar
Tubular Socket Wrench



Bir Ağız Bijon Anahtar
Single Ended Rim Wrench



TORX® Lokma Anahtar
TORX Socket



Düz Uç
Flat Tip



Yıldız Uç
PHILLIPS® Tip



POZIDRIV® Yıldız Uç
POZIDRIV® Tip



TORX® Uç
TORX® Tip



Delikli TORX® Uç
TORX® with hole



Bits Tutucular
Bit Holders



Allen Anahtar
Hexagonal Allen Keys



Segman
Circlip



Gövde Ağırlık
Weight of Body



Tapa Anahtar
Wrench for Carter Case



İşkençe
Screw Clamp




Çektirme
Puller

SIKMA / TEST TORK DEĞERLERİ TIGHTENING / TEST TORQUE VALUES

Önerilen (Bağlayıcı olmayan) cıvata sıkma torkları Nm (Newton Metre)
Suggested (Not Compulsory) Bolt Tightening Torque in Nm (Newton Meter)

Kalite Sınıfı DIN 267'ye Göre Sıkma Değerleri
Tightening Torques Values According to Quality Class DIN 267

|  | 4.6 | 5.6 | 6.9 | 8.8 | 10.9 | 12.9 |
|---|-------|--------|--------|--------|--------|--------|
| M 2 | 0,123 | 0,162 | 0,314 | 0,373 | 0,520 | 0,628 |
| M 2,2 | 0,196 | 0,265 | 0,510 | 0,598 | 0,843 | 1,010 |
| M 2,5 | 0,284 | 0,373 | 0,726 | 0,863 | 1,206 | 1,451 |
| M 3 | 0,441 | 0,588 | 1,128 | 1,344 | 1,883 | 2,256 |
| M 3,5 | 0,677 | 0,902 | 1,736 | 2,060 | 2,893 | 3,481 |
| M 4 | 1,000 | 1,344 | 2,599 | 3,040 | 4,315 | 5,148 |
| M 5 | 1,916 | 2,648 | 5,099 | 6,031 | 8,483 | 10,200 |
| M 6 | 3,432 | 4,511 | 8,728 | 10,300 | 14,710 | 17,652 |
| M 7 | 5,590 | 7,453 | 14,220 | 17,162 | 24,517 | 28,439 |
| M 8 | 8,238 | 10,787 | 21,575 | 25,497 | 35,304 | 42,168 |
| M 10 | 16,67 | 21,575 | 42,168 | 50,014 | 70,608 | 85,317 |
| M 12 | 28,44 | 38,246 | 73,550 | 87,279 | 122,60 | 147,10 |
| M 14 | 45,11 | 60,801 | 116,70 | 138,30 | 194,20 | 235,40 |
| M 16 | 69,63 | 93,163 | 178,5 | 210,80 | 299,10 | 357,90 |
| M 18 | 95,12 | 127,50 | 245,20 | 289,3 | 411,90 | 490,30 |
| M 20 | 135,3 | 180,45 | 384,10 | 411,90 | 578,60 | 696,30 |
| M 22 | 182,4 | 245,16 | 470,70 | 559,00 | 784,50 | 941,40 |
| M 24 | 230,5 | 308,91 | 598,20 | 711,00 | 1000 | 1196 |
| M 27 | 343,2 | 460,90 | 887,50 | 1049 | 1481 | 1775 |
| M 30 | 465,8 | 622,72 | 1206 | 1422 | 2010 | 2403 |
| M 33 | 632,5 | 848,30 | 1628 | 1932 | 2716 | 3266 |
| M 36 | 814,0 | 1089 | 2099 | 2481 | 3491 | 4197 |
| M 39 | 1059 | 1412 | 2716 | 3226 | 4531 | 5443 |
| M 42 | 1304 | 1746 | 3364 | 3991 | 5609 | 6727 |
| M 45 | 1638 | 2177 | 4207 | 4992 | 7012 | 8414 |
| M 48 | 1981 | 2638 | 5080 | 6021 | 8473 | 10150 |
| M 52 | 2540 | 3393 | 6541 | 7747 | 10885 | 13092 |
| M 56 | 3168 | 4227 | 8149 | 9650 | 13582 | 16279 |
| M 60 | 3932 | 5247 | 10101 | 11964 | 16867 | 20202 |
| M 64 | 4737 | 6306 | 12160 | 14416 | 20300 | 24320 |

Ölçü Birimleri Measuring Units

| | | | | |
|-------|---|---------------|-------------------|---------------------------|
| Giga | G | 1.000.000.000 | =10 ⁹ | 1GW= 1 Milyar Watt |
| Mega | M | 1.000.000 | =10 ⁶ | 1 MW= 1 Milyon Watt |
| Kilo | k | 1.000 | =10 ³ | 1 kW= Bin Watt |
| Milli | m | 0.001 | =10 ⁻³ | 1 mm= Binde Bir Watt |
| Mikro | m | 0.000001 | =10 ⁻⁶ | 1 mm= 1 Milyonda Bir Watt |
| Nano | n | 0.000000001 | =10 ⁻⁹ | 1 nm= 1 Milyarda Bir Watt |

Önemli Ölçülerin Değişim Tablosu Conversion Table For Essential Measuring Units

| | | | | |
|---------------------------------------|-------------|----|----------------------|--------------------------|
| Uzunluk Length | Metre | m | | |
| Kütle Weight | Kilogram | kg | | |
| Zaman Time | Saniye | s | | |
| Kuvvet Force | Newton | N | =kg m/s ² | 1 N= 0.102 kp |
| Döndürme Mom. Torque | Newtonmetre | | | 9.81 Nm= 1kpm |
| İş Enerjisi Work | Joule | J | =Nm | |
| Isı Enerjisi Heat | Joule | J | | 1 J= 0.239 cal |
| Güç Power | Watt | W | =Nm/s | 1 kW= 1.36 PS=860 kcal/h |
| Basınç Pressure | Pascal | Pa | =N/m ² | 100.000 Pa=1 bar=10 mWS |
| Elektrik Akımı Electricity Current | Amper | A | | |
| Sıcaklık Temperature | Kelvin | K | | 1K= -272.15 °C |

Döndürme Momenti Dönüşüm Tablosu Conversion Table For Bending Moments

| Var Olan Ölçüler/ present units | İstenen Ölçüler / Wanted Units | | | | | |
|--|--------------------------------|---------|---------|---------|----------|----------|
| | =Ncm | =Nm | =kpcm | =kpm | =lbf.in. | =lbf.ft. |
| Ncm | 1 | 0.01 | 0.10197 | 0.00102 | 0.0885 | 0.00738 |
| Nm | 100 | 1 | 10.197 | 0.10197 | 8.851 | 0.7376 |
| kpcm | 9.807 | 0.09807 | 1 | 0.01 | 0.868 | 0.0723 |
| kpm | 980.07 | 9.807 | 100 | 1 | 86.796 | 7.233 |
| lbf.in. | 11.298 | 0.11298 | 1.152 | 0.01152 | 1 | 0.0833 |
| lbf.ft. | 135.58 | 1.3558 | 13.825 | 0.13825 | 12 | 1 |

Newton-Metre ve Librefoot Dönüşüm Tablosu Conversion Table Of Newton-Meter And Librefoot (1 Nm=0.738 lbf.ft.)

| Nm | ft.,lbs. | | | | | | | | | |
|-----|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 0 | 0.74 | 1.48 | 2.21 | 2.95 | 3.69 | 4.43 | 5.17 | 5.90 | 6.64 |
| 10 | 7.38 | 8.12 | 8.86 | 9.59 | 10.33 | 11.07 | 11.81 | 12.54 | 13.28 | 14.02 |
| 20 | 14.76 | 15.50 | 16.2 | 16.97 | 17.71 | 18.45 | 19.19 | 19.93 | 20.65 | 21.40 |
| 30 | 22.14 | 22.88 | 23.62 | 24.35 | 25.10 | 25.83 | 26.57 | 27.31 | 28.04 | 28.78 |
| 40 | 29.52 | 30.26 | 31.00 | 31.73 | 32.47 | 33.21 | 33.95 | 34.69 | 35.42 | 36.16 |
| 50 | 36.90 | 37.64 | 38.38 | 39.11 | 39.85 | 40.59 | 41.33 | 42.07 | 42.80 | 43.54 |
| 60 | 44.28 | 45.02 | 45.76 | 46.49 | 47.23 | 47.97 | 48.71 | 49.45 | 50.18 | 50.92 |
| 70 | 51.66 | 52.40 | 53.14 | 53.87 | 54.61 | 55.35 | 56.09 | 56.83 | 57.56 | 58.30 |
| 80 | 59.04 | 59.78 | 60.52 | 61.25 | 62.00 | 62.73 | 63.47 | 64.21 | 64.94 | 65.68 |
| 90 | 66.42 | 67.16 | 67.90 | 68.63 | 69.37 | 70.11 | 70.85 | 71.59 | 72.32 | 73.06 |
| 100 | 73.80 | 74.54 | 75.28 | 76.01 | 76.75 | 77.49 | 78.23 | 78.97 | 79.70 | 80.44 |

Librefoot ve Newton-Metre Dönüşüm Tablosu Conversion Table Of Librefoot And Newton-Meter (1 lbf.ft.=1.356 Nm)

| ft.- lbs. | Nm | | | | | | | | | |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 0 | 1.36 | 2.71 | 4.07 | 5.42 | 6.78 | 8.14 | 9.49 | 10.85 | 12.20 |
| 10 | 13.56 | 14.92 | 16.27 | 17.63 | 18.98 | 20.34 | 21.70 | 23.05 | 24.41 | 25.76 |
| 20 | 27.12 | 28.48 | 29.83 | 31.19 | 32.54 | 33.90 | 35.26 | 36.61 | 37.97 | 39.32 |
| 30 | 40.68 | 42.04 | 43.39 | 44.75 | 46.10 | 47.46 | 48.82 | 50.17 | 51.53 | 52.88 |
| 40 | 54.24 | 55.60 | 56.95 | 58.31 | 59.66 | 61.02 | 62.38 | 63.73 | 65.09 | 66.44 |
| 50 | 67.80 | 69.16 | 70.51 | 71.87 | 73.22 | 74.58 | 75.94 | 77.29 | 78.65 | 80.00 |
| 60 | 81.36 | 82.72 | 84.07 | 85.43 | 86.78 | 88.14 | 89.50 | 90.85 | 92.21 | 93.56 |
| 70 | 94.92 | 96.28 | 97.63 | 98.99 | 100.34 | 101.70 | 103.06 | 104.41 | 105.77 | 107.12 |
| 80 | 108.48 | 109.84 | 111.19 | 112.55 | 113.90 | 115.26 | 116.62 | 117.97 | 119.33 | 120.68 |
| 90 | 122.04 | 123.40 | 124.75 | 126.11 | 127.46 | 128.82 | 130.18 | 131.53 | 132.89 | 134.24 |
| 100 | 135.60 | 136.96 | 138.31 | 139.67 | 141.02 | 142.38 | 143.74 | 145.09 | 146.45 | 147.80 |

Newton-Metre ve Kilopound-Metre Dönüşüm Tablosu Conversion Table Of Newton-Meter and Kilopound-Meter (1 Nm=0.102 kpm)

| Nm | kpm | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 0.00 | 1.02 | 2.04 | 3.06 | 4.08 | 5.10 | 6.12 | 7.14 | 8.16 | 9.18 |
| 100 | 10.20 | 11.22 | 12.24 | 13.26 | 14.28 | 15.30 | 16.31 | 17.33 | 18.35 | 19.37 |
| 200 | 20.39 | 21.41 | 22.43 | 23.45 | 24.47 | 25.49 | 26.51 | 27.53 | 28.55 | 29.57 |
| 300 | 30.59 | 31.61 | 32.63 | 33.65 | 34.67 | 35.69 | 36.71 | 37.73 | 38.75 | 39.77 |
| 400 | 40.79 | 41.81 | 42.83 | 43.85 | 44.87 | 45.89 | 46.91 | 47.93 | 48.95 | 49.97 |
| 500 | 50.99 | 52.01 | 53.02 | 54.04 | 55.06 | 56.08 | 57.10 | 58.12 | 59.14 | 60.16 |
| 600 | 61.18 | 62.20 | 63.22 | 64.24 | 65.26 | 66.28 | 67.30 | 68.32 | 69.34 | 70.36 |
| 700 | 71.38 | 72.40 | 73.42 | 74.44 | 75.46 | 76.48 | 77.50 | 78.52 | 79.54 | 80.56 |
| 800 | 81.58 | 82.60 | 83.62 | 84.64 | 85.66 | 86.68 | 87.70 | 88.71 | 89.73 | 90.75 |
| 900 | 91.77 | 92.79 | 93.81 | 94.83 | 95.85 | 96.87 | 97.89 | 98.91 | 99.93 | 100.95 |
| 1000 | 101.97 | 102.99 | 104.01 | 105.03 | 106.05 | 107.07 | 108.09 | 109.11 | 110.13 | 111.15 |

Sertlik Dönüşüm Tablosu

Hardness Conversion Table

| Vickers Sertlik Hardness | Brinell Sertlik Hardness | Rockwell Sertlik Hardness | | Çekme dayanımı Tensile Strength sB N/mm2 |
|--------------------------------|--------------------------------|---------------------------------|------|---|
| | | HRB | HRC | |
| HV 30 | HB 30 | HRB | HRC | sB N/mm2 |
| 80 | 80.7 | 36.4 | - | 270 |
| 85 | 85 | 42.4 | - | 290 |
| 90 | 90 | 47.4 | - | 310 |
| 95 | 95 | 52.00 | - | 320 |
| 100 | 100 | 56.4 | - | 340 |
| 105 | 105 | 60.0 | - | 360 |
| 110 | 110 | 63.4 | - | 380 |
| 115 | 115 | 66.4 | - | 390 |
| 120 | 120 | 69.4 | - | 410 |
| 125 | 125 | 72.0 | - | 420 |
| 130 | 130 | 74.4 | - | 440 |
| 135 | 135 | 76.4 | - | 460 |
| 140 | 140 | 78.4 | - | 470 |
| 145 | 145 | 80.4 | - | 490 |
| 150 | 150 | 82.2 | - | 500 |
| 155 | 155 | 83.8 | - | 520 |
| 160 | 160 | 85.4 | - | 540 |
| 165 | 165 | 86.8 | - | 550 |
| 170 | 170 | 88.2 | - | 570 |
| 175 | 175 | 89.6 | - | 590 |
| 180 | 180 | 90.8 | - | 600 |
| 185 | 185 | 91.8 | - | 620 |
| 195 | 190 | 91.5 | - | 640 |
| 200 | 195 | 94.0 | - | 660 |
| 200 | 200 | 95.0 | - | 670 |
| 205 | 205 | 95.8 | - | 680 |
| 210 | 210 | 96.6 | - | 710 |
| 215 | 215 | 97.4 | - | 720 |
| 220 | 220 | 98.2 | - | 730 |
| 225 | 225 | 99.0 | - | 750 |
| 230 | 230 | - | 19.2 | 760 |
| 235 | 235 | - | 20.2 | 780 |
| 240 | 240 | - | 21.2 | 800 |
| 245 | 245 | - | 22.1 | 820 |
| 250 | 250 | - | 23.0 | 830 |
| 255 | 255 | - | 23.8 | 850 |
| 260 | 260 | - | 24.6 | 870 |
| 265 | 265 | - | 25.4 | 880 |
| 280 | 280 | - | 27.1 | 900 |
| 275 | 275 | - | 26.9 | 920 |
| 280 | 280 | - | 27.6 | 940 |
| 285 | 285 | - | 28.3 | 950 |
| 290 | 290 | - | 29.0 | 970 |
| 295 | 295 | - | 29.6 | 990 |
| 300 | 300 | - | 30.3 | 1010 |
| 310 | 310 | - | 31.5 | 1040 |
| 320 | 320 | - | 32.7 | 1080 |
| 330 | 330 | - | 33.8 | 1110 |

| Vickers Sertlik Hardness | Brinell Sertlik Hardness | Rockwell Sertlik Hardness | | Çekme dayanımı Tensile Strength sB N/mm2 |
|--------------------------------|--------------------------------|---------------------------------|------|---|
| | | HRB | HRC | |
| HV 30 | HB 30 | HRB | HRC | sB N/mm2 |
| 340 | 340 | - | 34.9 | 1140 |
| 350 | 350 | - | 36.0 | 1170 |
| 360 | 359 | - | 37.0 | 1200 |
| 370 | 368 | - | 38.0 | 1260 |
| 380 | 376 | - | 38.9 | 1260 |
| 390 | 385 | - | 39.8 | 1290 |
| 400 | 392 | - | 40.7 | 1320 |
| 410 | 400 | - | 41.5 | 1350 |
| 420 | 408 | - | 42.4 | 1380 |
| 440 | 423 | - | 44.0 | 1430 |
| 450 | 430 | - | 44.8 | 1460 |
| 460 | - | - | 45.6 | - |
| 470 | - | - | 46.3 | - |
| 480 | - | - | 47.0 | - |
| 490 | - | - | 47.7 | - |
| 500 | - | - | 48.3 | - |
| 510 | - | - | 49.1 | - |
| 520 | - | - | 49.7 | - |
| 530 | - | - | 50.4 | - |
| 540 | - | - | 51.0 | - |
| 550 | - | - | 51.6 | - |
| 560 | - | - | 52.2 | - |
| 570 | - | - | 52.8 | - |
| 580 | - | - | 53.3 | - |
| 590 | - | - | 53.9 | - |
| 600 | - | - | 54.4 | - |
| 610 | - | - | 55.0 | - |
| 620 | - | - | 55.5 | - |
| 630 | - | - | 56.0 | - |
| 640 | - | - | 56.5 | - |
| 650 | - | - | 57.0 | - |
| 660 | - | - | 57.5 | - |
| 670 | - | - | 58.0 | - |
| 680 | - | - | 58.5 | - |
| 690 | - | - | 59.0 | - |
| 700 | - | - | 59.5 | - |
| 720 | - | - | 60.4 | - |
| 740 | - | - | 61.2 | - |
| 760 | - | - | 62.0 | - |
| 780 | - | - | 62.8 | - |
| 800 | - | - | 63.6 | - |
| 820 | - | - | 64.3 | - |
| 840 | - | - | 65.0 | - |
| 860 | - | - | 65.7 | - |
| 880 | - | - | 66.3 | - |
| 900 | - | - | 66.9 | - |
| 920 | - | - | 67.5 | - |
| 940 | - | - | 68.0 | - |

| in. | dec.in. | 0" | 1" | 2" | 3" | 4" | 5" | 6" | 7" | 8" | 9" | 10" | 11" |
|-------|-----------|------------------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | millimeters (mm) | | | | | | | | | | | |
| 0 | 0 | 0 | 25.400 0 | 50.800 0 | 76.200 0 | 101.600 0 | 127.000 0 | 152.400 0 | 177.800 0 | 203.200 0 | 228.600 0 | 254.000 0 | 279.400 0 |
| 1/64 | 0.015 625 | 0.396 9 | 25.796 9 | 51.196 9 | 76.596 9 | 101.996 9 | 127.396 9 | 152.796 9 | 178.196 9 | 203.596 9 | 228.996 9 | 254.396 9 | 279.796 9 |
| 1/32 | 0.031 25 | 0.793 8 | 26.193 8 | 51.593 8 | 76.993 8 | 102.393 8 | 127.793 8 | 153.193 8 | 178.593 8 | 203.993 8 | 229.393 8 | 254.793 8 | 280.193 8 |
| 3/64 | 0.046 875 | 1.190 6 | 26.590 6 | 51.990 6 | 77.390 6 | 102.790 6 | 128.190 6 | 153.590 6 | 178.990 6 | 204.390 6 | 229.790 6 | 255.190 6 | 280.590 6 |
| 1/16 | 0.062 5 | 1.587 5 | 26.987 5 | 52.387 5 | 77.787 5 | 103.187 5 | 128.587 5 | 153.987 5 | 179.387 5 | 204.787 5 | 230.187 5 | 255.587 5 | 280.987 5 |
| 5/64 | 0.078 125 | 1.984 4 | 27.384 4 | 52.784 4 | 78.184 4 | 103.584 4 | 128.984 4 | 154.384 4 | 179.784 4 | 205.184 4 | 230.584 4 | 255.984 4 | 281.384 4 |
| 3/32 | 0.093 75 | 2.381 2 | 27.781 2 | 53.181 2 | 78.581 2 | 103.981 2 | 129.381 2 | 154.781 2 | 180.181 2 | 205.581 2 | 230.981 2 | 256.381 2 | 281.781 2 |
| 7/64 | 0.109 375 | 2.778 1 | 28.178 1 | 53.578 1 | 78.978 1 | 104.378 1 | 129.778 1 | 155.178 1 | 180.578 1 | 205.978 1 | 231.378 1 | 256.778 1 | 282.178 1 |
| 1/8 | 0.125 | 3.175 0 | 28.575 0 | 53.975 0 | 79.375 0 | 104.775 0 | 130.175 0 | 155.575 0 | 180.975 0 | 206.375 0 | 231.775 0 | 257.175 0 | 282.575 0 |
| 9/64 | 0.140 625 | 3.571 9 | 28.971 9 | 54.371 9 | 79.771 9 | 105.171 9 | 130.571 9 | 155.971 9 | 181.371 9 | 206.771 9 | 232.171 9 | 257.571 9 | 282.971 9 |
| 5/32 | 0.156 25 | 3.968 8 | 29.368 8 | 54.768 8 | 80.168 8 | 105.568 8 | 130.968 8 | 156.368 8 | 181.768 8 | 207.168 8 | 232.568 8 | 257.968 8 | 283.368 8 |
| 11/64 | 0.171 875 | 4.365 6 | 29.765 6 | 55.165 6 | 80.565 6 | 105.965 6 | 131.365 6 | 156.765 6 | 182.165 6 | 207.565 6 | 232.965 6 | 258.365 6 | 283.765 6 |
| 3/16 | 0.187 5 | 4.762 5 | 30.162 5 | 55.562 5 | 80.962 5 | 106.362 5 | 131.762 5 | 157.162 5 | 182.562 5 | 207.962 5 | 233.362 5 | 258.762 5 | 284.162 5 |
| 13/64 | 0.203 125 | 5.159 4 | 30.559 4 | 55.959 4 | 81.359 4 | 106.759 4 | 132.159 4 | 157.559 4 | 182.959 4 | 208.359 4 | 233.759 4 | 259.159 4 | 284.559 4 |
| 7/32 | 0.218 75 | 5.556 2 | 30.956 2 | 56.356 2 | 81.756 2 | 107.156 2 | 132.556 2 | 157.956 2 | 183.356 2 | 208.756 2 | 234.156 2 | 259.556 2 | 284.956 2 |
| 15/64 | 0.234 375 | 5.953 1 | 31.353 1 | 56.753 1 | 82.153 1 | 107.553 1 | 132.953 1 | 158.353 1 | 183.753 1 | 209.153 1 | 234.553 1 | 259.953 1 | 285.353 1 |
| 1/4 | 0.25 | 6.350 0 | 31.750 0 | 57.150 0 | 82.550 0 | 107.950 0 | 133.350 0 | 158.750 0 | 184.150 0 | 209.550 0 | 234.950 0 | 260.350 0 | 285.750 0 |
| 17/64 | 0.265 625 | 6.746 9 | 32.146 9 | 57.546 9 | 82.946 9 | 108.346 9 | 133.746 9 | 159.146 9 | 184.546 9 | 209.946 9 | 235.346 9 | 260.746 9 | 286.146 9 |
| 9/32 | 0.281 25 | 7.143 8 | 32.543 8 | 57.943 8 | 83.343 8 | 108.743 8 | 134.143 8 | 159.543 8 | 184.943 8 | 210.343 8 | 235.743 8 | 261.143 8 | 286.543 8 |
| 19/64 | 0.296 875 | 7.540 6 | 32.940 6 | 58.340 6 | 83.740 6 | 109.140 6 | 134.540 6 | 159.940 6 | 185.340 6 | 210.740 6 | 236.140 6 | 261.540 6 | 286.940 6 |
| 5/16 | 0.312 5 | 7.937 5 | 33.337 5 | 58.737 5 | 84.137 5 | 109.537 5 | 134.937 5 | 160.337 5 | 185.737 5 | 211.137 5 | 236.537 5 | 261.937 5 | 287.337 5 |
| 21/64 | 0.328 125 | 8.334 4 | 33.734 4 | 59.134 4 | 84.534 4 | 109.934 4 | 135.334 4 | 160.734 4 | 186.134 4 | 211.534 4 | 236.934 4 | 262.334 4 | 287.734 4 |
| 11/32 | 0.343 75 | 8.731 2 | 34.131 2 | 59.531 2 | 84.931 2 | 110.331 2 | 135.731 2 | 161.131 2 | 186.531 2 | 211.931 2 | 237.331 2 | 262.731 2 | 288.131 2 |
| 23/64 | 0.359 375 | 9.128 1 | 34.528 1 | 59.928 1 | 85.328 1 | 110.728 1 | 136.128 1 | 161.528 1 | 186.928 1 | 212.328 1 | 237.728 1 | 263.128 1 | 288.528 1 |
| 3/8 | 0.375 | 9.525 0 | 34.925 0 | 60.325 0 | 85.725 0 | 111.125 0 | 136.525 0 | 161.925 0 | 187.325 0 | 212.725 0 | 238.125 0 | 263.525 0 | 288.925 0 |
| 25/64 | 0.390 625 | 9.921 9 | 35.321 9 | 60.721 9 | 86.121 9 | 111.521 9 | 136.921 9 | 162.321 9 | 187.721 9 | 213.121 9 | 238.521 9 | 263.921 9 | 289.321 9 |
| 13/32 | 0.406 25 | 10.318 8 | 35.718 8 | 61.118 8 | 86.518 8 | 111.918 8 | 137.318 8 | 162.718 8 | 188.118 8 | 213.518 8 | 238.918 8 | 264.318 8 | 289.718 8 |
| 27/64 | 0.421 875 | 10.715 6 | 36.115 6 | 61.515 6 | 86.915 6 | 112.315 6 | 137.715 6 | 163.115 6 | 188.515 6 | 213.915 6 | 239.315 6 | 264.715 6 | 290.115 6 |
| 7/16 | 0.437 5 | 11.112 5 | 36.512 5 | 61.912 5 | 87.312 5 | 112.712 5 | 138.112 5 | 163.512 5 | 188.912 5 | 214.312 5 | 239.712 5 | 265.112 5 | 290.512 5 |
| 29/64 | 0.453 125 | 11.509 4 | 36.909 4 | 62.309 4 | 87.709 4 | 113.109 4 | 138.509 4 | 163.909 4 | 189.309 4 | 214.709 4 | 240.109 4 | 265.509 4 | 290.909 4 |
| 15/32 | 0.468 75 | 11.906 2 | 37.306 2 | 62.706 2 | 88.106 2 | 113.506 2 | 138.906 2 | 164.306 2 | 189.706 2 | 215.106 2 | 240.506 2 | 265.906 2 | 291.306 2 |
| 31/64 | 0.484 375 | 12.303 1 | 37.703 1 | 63.103 1 | 88.503 1 | 113.903 1 | 139.303 1 | 164.703 1 | 190.103 1 | 215.503 1 | 240.903 1 | 266.303 1 | 291.703 1 |
| 1/2 | 0.5 | 12.700 0 | 38.100 0 | 63.500 0 | 88.900 0 | 114.300 0 | 139.700 0 | 165.100 0 | 190.500 0 | 215.900 0 | 241.300 0 | 266.700 0 | 292.100 0 |
| 33/64 | 0.515 625 | 13.096 9 | 38.496 9 | 63.896 9 | 89.296 9 | 114.696 9 | 140.096 9 | 165.496 9 | 190.896 9 | 216.296 9 | 241.696 9 | 267.096 9 | 292.496 9 |
| 17/32 | 0.531 25 | 13.493 8 | 38.893 8 | 64.293 8 | 89.693 8 | 115.093 8 | 140.493 8 | 165.893 8 | 191.293 8 | 216.693 8 | 242.093 8 | 267.493 8 | 292.893 8 |
| 35/64 | 0.546 875 | 13.890 6 | 39.290 6 | 64.690 6 | 90.090 6 | 115.490 6 | 140.890 6 | 166.290 6 | 191.690 6 | 217.090 6 | 242.490 6 | 267.890 6 | 293.290 6 |
| 9/16 | 0.562 5 | 14.287 5 | 39.687 5 | 65.087 5 | 90.487 5 | 115.887 5 | 141.287 5 | 166.687 5 | 192.087 5 | 217.487 5 | 242.887 5 | 268.287 5 | 293.687 5 |
| 37/64 | 0.578 125 | 14.684 4 | 40.084 4 | 65.484 4 | 90.884 4 | 116.284 4 | 141.684 4 | 167.084 4 | 192.484 4 | 217.884 4 | 243.284 4 | 268.684 4 | 294.084 4 |
| 19/32 | 0.593 75 | 15.081 2 | 40.481 2 | 65.881 2 | 91.281 2 | 116.681 2 | 142.081 2 | 167.481 2 | 192.881 2 | 218.281 2 | 243.681 2 | 269.081 2 | 294.481 2 |
| 39/64 | 0.609 375 | 15.478 1 | 40.878 1 | 66.278 1 | 91.678 1 | 117.078 1 | 142.478 1 | 167.878 1 | 193.278 1 | 218.678 1 | 244.078 1 | 269.478 1 | 294.878 1 |
| 5/8 | 0.625 | 15.875 0 | 41.275 0 | 66.675 0 | 92.075 0 | 117.475 0 | 142.875 0 | 168.275 0 | 193.675 0 | 219.075 0 | 244.475 0 | 269.875 0 | 295.275 0 |
| 41/64 | 0.640 625 | 16.271 9 | 41.671 9 | 67.071 9 | 92.471 9 | 117.871 9 | 143.271 9 | 168.671 9 | 194.071 9 | 219.471 9 | 244.871 9 | 270.271 9 | 295.671 9 |
| 21/32 | 0.656 25 | 16.668 8 | 42.068 8 | 67.468 8 | 92.868 8 | 118.268 8 | 143.668 8 | 169.068 8 | 194.468 8 | 219.868 8 | 245.268 8 | 270.668 8 | 296.068 8 |
| 43/64 | 0.671 875 | 17.065 6 | 42.465 6 | 67.865 6 | 93.265 6 | 118.665 6 | 144.065 6 | 169.465 6 | 194.865 6 | 220.265 6 | 245.665 6 | 271.065 6 | 296.465 6 |
| 11/16 | 0.687 5 | 17.462 5 | 42.862 5 | 68.262 5 | 93.662 5 | 119.062 5 | 144.462 5 | 169.862 5 | 195.262 5 | 220.662 5 | 246.062 5 | 271.462 5 | 296.862 5 |
| 45/64 | 0.703 125 | 17.859 4 | 43.259 4 | 68.659 4 | 94.059 4 | 119.459 4 | 144.859 4 | 170.259 4 | 195.659 4 | 221.059 4 | 246.459 4 | 271.859 4 | 297.259 4 |
| 23/32 | 0.718 75 | 18.256 2 | 43.656 2 | 69.056 2 | 94.456 2 | 119.856 2 | 145.256 2 | 170.656 2 | 196.056 2 | 221.456 2 | 246.856 2 | 272.256 2 | 297.656 2 |
| 47/64 | 0.734 375 | 18.653 1 | 44.053 1 | 69.453 1 | 94.853 1 | 120.253 1 | 145.653 1 | 171.053 1 | 196.453 1 | 221.853 1 | 247.253 1 | 272.653 1 | 298.053 1 |
| 3/4 | 0.75 | 19.050 0 | 44.450 0 | 69.850 0 | 95.250 0 | 120.650 0 | 146.050 0 | 171.450 0 | 196.850 0 | 222.250 0 | 247.650 0 | 273.050 0 | 298.450 0 |
| 49/64 | 0.765 625 | 19.446 9 | 44.846 9 | 70.246 9 | 95.646 9 | 121.046 9 | 146.446 9 | 171.846 9 | 197.246 9 | 222.646 9 | 248.046 9 | 273.446 9 | 298.846 9 |
| 25/32 | 0.781 25 | 19.843 8 | 45.243 8 | 70.643 8 | 96.043 8 | 121.443 8 | 146.843 8 | 172.243 8 | 197.643 8 | 223.043 8 | 248.443 8 | 273.843 8 | 299.243 8 |
| 51/64 | 0.796 875 | 20.240 6 | 45.640 6 | 71.040 6 | 96.440 6 | 121.840 6 | 147.240 6 | 172.640 6 | 198.040 6 | 223.440 6 | 248.840 6 | 274.240 6 | 299.640 6 |
| 13/16 | 0.812 5 | 20.637 5 | 46.037 5 | 71.437 5 | 96.837 5 | 122.237 5 | 147.637 5 | 173.037 5 | 198.437 5 | 223.837 5 | 249.237 5 | 274.637 5 | 300.037 5 |
| 53/64 | 0.828 125 | 21.034 4 | 46.434 4 | 71.834 4 | 97.234 4 | 122.634 4 | 148.034 4 | 173.434 4 | 198.834 4 | 224.234 4 | 249.634 4 | 275.034 4 | 300.434 4 |
| 27/32 | 0.843 75 | 21.431 2 | 46.831 2 | 72.231 2 | 97.631 2 | 123.031 2 | 148.431 2 | 173.831 2 | 199.231 2 | 224.631 2 | 250.031 2 | 275.431 2 | 300.831 2 |
| 55/64 | 0.859 375 | 21.828 1 | 47.228 1 | 72.628 1 | 98.028 1 | 123.428 1 | 148.828 1 | 174.228 1 | 199.628 1 | 225.028 1 | 250.428 1 | 275.828 1 | 301.228 1 |
| 7/8 | 0.875 | 22.225 0 | 47.625 0 | 73.025 0 | 98.425 0 | 123.825 0 | 149.225 0 | 174.625 0 | 200.025 0 | 225.425 0 | 250.825 0 | 276.225 0 | 301.625 0 |
| 57/64 | 0.890 625 | 22.621 9 | 48.021 9 | 73.421 9 | 98.821 9 | 124.221 9 | 149.621 9 | 175.021 9 | 200.421 9 | 225.821 9 | 251.221 9 | 276.621 9 | 302.021 9 |
| 29/32 | 0.906 25 | 23.018 8 | 48.418 8 | 73.818 8 | 99.218 8 | 124.618 8 | 150.018 8 | 175.418 8 | 200.818 8 | 226.218 8 | 251.618 8 | 277.018 8 | 302.418 8 |
| 59/64 | 0.921 875 | 23.415 6 | 48.815 6 | 74.215 6 | 99.615 6 | 125.015 6 | 150.415 6 | 175.815 6 | 201.215 6 | 226.615 6 | 252.015 6 | 277.415 6 | 302.815 6 |
| 15/16 | 0.937 5 | 23.812 5 | 49.212 5 | 74.612 5 | 100.012 5 | 125.412 5 | 150.812 5 | 176.212 5 | 201.612 5 | 227.012 5 | 252.412 5 | 277.812 5 | 303.212 5 |
| 61/64 | 0.953 125 | 24.209 4 | 49.609 4 | 75.009 4 | 100.409 4 | 125.809 4 | 151.209 4 | 176.609 4 | 202.009 4 | 227.409 4 | 252.809 4 | 278.209 4 | 303.609 4 |
| 31/32 | 0.968 75 | 24.606 2 | 50.006 2 | 75.406 2 | 100.806 2 | 126.206 2 | 151.606 2 | 177.006 2 | 202.406 2 | 227.806 2 | 253.206 2 | 278.606 2 | 304.006 2 |
| 63/64 | | | | | | | | | | | | | |