

ZİMAŞ

1976'dan bu yana..
seit 1976..
since 1976..

| | | | |
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ZIMAŞ A.Ş. 1976 yılında, Türk Sanayisinin ihtiyacı olan, tahrik, konveyör ve taşıyıcı zincirler üretmek üzere kurulmuştur. Kuruluşumuz standart zincirlerin üretimi yanısıra özel zincir üretimi de yapmaktadır. Çeşitli sektörlerde kullanılan ve şimdiye kadar ürettiğimiz özel zincirlerin çeşidi 3000 adedi geçmiştir.

Kuruluşundan bu yana firmamızın üretim hacmi, üretim çeşitleri ve üretim kalitesi devamlı artış göstererek bugünkü ileri seviyeye gelmiş ve Avrupa'da bu konuda üretim yapan firmaların teknolojik seviyesine ulaşmıştır.

Son zamanlarda yapılan, en yeni teknolojik yatırımlarla, makina parkı ve üretim teknolojisini geliştirmiş olan fabrikamız, rakiplerini gıpta ettirecek şekilde konusunda Avrupa'da entegre olmuş firmalar arasında yerini almıştır.

Halen 15.000 m.² kapalı alanda faaliyet gösteren **ZIMAŞ A.Ş.** 220 kişilik personeli ile Türk Sanayisinin hizmetine devam etmektedir. Firmamız Sanayiye hizmeti birinci prensip olarak kabul etmiştir. Üretim konuları sektörel bazda ekte belirtilmiştir.

ZIMAŞ A.Ş. wurde nach bedarf der türkischen Industrie als Kettenhersteller im Jahre 1976 in Bursa gegründet. Neben der Standard-Rollenketten Fertigung werden auch Spezial- Ketten gefertigt. Unser Fertigungsprogramm umfasst bis heute ungefähr 3000 verschiedene Arten von Spezial - Ketten. Unsere Produkte entsprechenden Internationalen Standart. z.B.DIN. EN und ISO Normen. Jede Produktionsstufe wird bei uns einer sorgfältigen Kontrolle unterzogen. Unser Qualitätswesen verbessert sich vom Tag zu Tag.

Durch unsere ausgereifte Technologis und das hohe Qualitätsniveau, verbunden mit ausreichender Kapazität, sind wir in der Lage, im Wettbewerb auf den Weltmarkt zu bestehen.

Zurzeit verfügen wir eine geschlossene Halle von 15.000 m.² mit 220 Mitarbeitern.
Unsere Produkte werden hauptsächlich von folgenden Industriezweigen angewendet.

ZIMAŞ INC. was founded in 1976 in order to meet the drive roller, conveyor and carrier chain needs of the Turkish Industry then. In time the factory began to produce other kinds of chains in addition to the above. The kinds so far have gone well over 3000.

Continuously growing in size, in product variety and quality since its foundation, the firm has reached its advanced level of today, technologically competitive with the firms of its kind in Europe.

The factory has also updated its machine park and improved its production standards via the recent modern technological investments and established a sound place amongst its enviable contemporaries in Europe.

With a 15.000 square meter covered area and with its 220 workers, **ZIMAŞ INC.** feels proud to serve the Turkish Industry and it considers this as its most fundamental principle.

The production areas on sectoral basis are follows.



SERİ ÜRETİMLERİMİZ

- Bisiklet ve motosiklet zincirleri
- Otomobil eksantrik zincirleri
- Ziraat makinaları zincirleri
- Makaralı zincirler DIN 8187

- Fahrrad und Motorradketten
- Auto Exzentrischketten
- Landmaschinenketten
- Rollenketten nach DIN 8187

- Bicycle and motorcycle chains
- Car eccentric chains
- Agricultural chains
- DIN 8187 Roller chains

SERIEN FERTIGUNG

- Makaralı zincirler DIN 8188
- PIV Varyatör zincirleri
- Fleyer zincirler

- Rollenketten nach DIN 8188
- PIV Varyotorketten
- Fleyerketten

- DIN 8188 Roller chains
- PIV chains
- Leaf chains

SERIAL PRODUCTION

ÖZEL ÜRETİMLERİMİZ

- Konserveler fabrikaları
- Çimento fabrikaları
- Seker fabrikaları
- Demir - Çelik üreten fabrikalara

- Konserveler fabrikaları
- Zement fabrikaları
- Zucker fabrikaları
- Schmied Stahlproduzierende fabrikaları

- Canned food factories
- Coment factories
- Sugar factories
- Iron and steel factories

SONDER FERTIGUNG

- Ağaç işleme fabrikaları
- Makarna üretim fabrikaları
- Meşrubat sanayii
- İş makinaları

- Arbeitsmaschinen
- Baumverarbeitungs fabrikaları
- Nudelproduktions fabrikaları
- Getränke Industrie

- Wood industry machines
- Food industry
- Drinks industry
- Service machines

SPECIAL PRODUCTION

- Beyaz eşya üreten fabrikalar
- Tekstil fabrikaları
- Lastik üretim fabrikaları
- Otomobil fabrikaları

- Elektro Industrie
- Tekstil fabrikaları
- Gummiprofil fabrikaları
- Automobil Industrie

- Elektrical appliances
- Textile factories
- Car factories
- Tyre factories

DIN NORMUNA GÖRE ÜRETİMLERİMİZ

- DIN 8187 Makaralı zincirler
- DIN 8188 Makaralı zincirler
- DIN 8187 Kulaklı zincirler
- DIN 8187 Pim çıkıntılı zincirler
- DIN 8187 Pim makaralı zincirler
- DIN 8165 Pim makaralı zincirler
- DIN 8189 Ziraat zincirleri

- DIN 8187 Rollenketten
- DIN 8188 Rollenketten
- DIN 8187 Rollenketten mit winkel
- DIN 8187 Rollenketten mit verlängerten bolzen
- DIN 8187 Hohlbolzenketten
- DIN 8165 Hohlbolzenketten
- DIN 8189 Landmaschinenketten

- DIN 8187 Roller chains
- DIN 8188 Roller chains
- DIN 8187 Attachment chains
- DIN 8187 Roller chains with extended pin
- DIN 8187 Hollow pin chains
- DIN 8165 Hollow pin chains
- DIN 8189 Agricultural roller chains

KETTEN PRODUKTION NACH DIN NORM

- DIN 8187 Yana yayılan zincirler
- DIN 8187 Paslanmaz zincirler
- DIN 8187 Diştan makaralı zincirler
- DIN 8187 Lastik kaplamalı zincirler
- DIN 8181 Uzun bakla zincirler
- DIN 8152 Fleyer zincirler
- Menteşe tipi zincirler
- PIV Varyatör zincirleri

- DIN 8187 Serilenbogenketten
- DIN 8187 Rostfrei Rollenketten
- DIN 8187 Stauförderketten
- DIN 8187 Rollenketten mit gummiprofil
- DIN 8181 Langglied Rollenketten
- DIN 8152 Fleyerketten
- Schamlerbandketten
- PIV Varyotorketten

- DIN 8187 Side bow chains
- DIN 8187 Stainless steel roller chains
- DIN 8187 Chains with out boards rollers
- DIN 8187 Roller chains with rubber profil
- DIN 8181 Extended pitch roller chains
- DIN 8152 Leaf chains
- Slat band chains
- PIV Chains

THE DEFINE OF CHAINS TO DIN NORM

- DIN 8164 Sabit burçlu zincirler
- DIN 8182 Api (Rotary) zincirler
- DIN 8150 Gall zincirler
- DIN 8165 Förderey zincirler
- DIN 8167 Förderey zincirler
- DIN 8165 Kazıyıcı zincirler
- DIN 8165 Taşıyıcı kulaklı zincirler
- DIN 8165 Eksantrik bakla zincirler

- DIN 8164 Buchsenketten
- DIN 8182 Rotaryketten
- DIN 8150 Gallketten
- DIN 8165 Förderketten
- DIN 8167 Förderketten
- DIN 8165 Tragförderketten
- DIN 8165 Tragförderketten mit winkel
- DIN 8165 Tragförderketten

- DIN 8164 Bush chains
- DIN 8182 Rotary chains
- DIN 8150 Galle chains
- DIN 8165 Conveyor chains
- DIN 8167 Conveyor chains
- DIN 8165 Scraper chains
- DIN 8165 Attachment conveyor chains
- DIN 8165 Deep link chains



Tanımlama

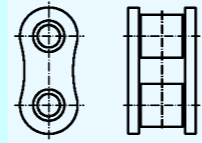
Bezeichnung

Description

Blok

Innenglied

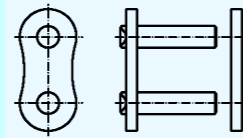
inner link



Çatal

Außenglied

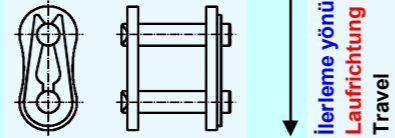
Outer Link



Segmanlı kilit

Verbindungsglied mit feder

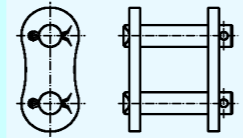
Connecting link with spring clip



Gupilyalı kilit

Verbindungsglied mit splint

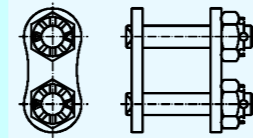
Connecting link with split-pins



Somunlu kilit

Verbindungsglied mit kronenmutter

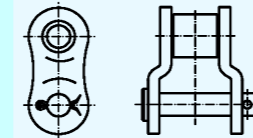
Connecting link with castellated nut and split-pins



Gupilyalı yarımek kilit

Gekröpftes glied mit splintverschluß

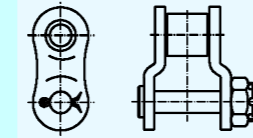
Cranked link with split-pin



Somunlu yarımek kilit

Gekröpftes glied mit schraubverschluß

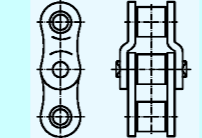
Cranked link with castellated nut and split-pin



Bloklu yarımek

Gekröpftes doppelglied

Cranked double link



Segman

Feder

Spring clip



Bulunduğu Yer

Lieferbar Für

Available For

Makaralı , sabit burçlu ve fõrdeyer zincirlerde

alle Rollen, Buchsen und Fõrderketten

All Roller, bush and conveyor chains

Makaralı , sabit burçlu ve fõrdeyer zincirlerde

alle Rollen, Buchsen und Fõrderketten

All Roller, bush and conveyor chains

Makaralı zincirler dahil No: 20 B1 / 16 A1 kadar.
Uzun baklalı zincir No: 208 BRollenketten bis einschließlic
Nr. 20 B1 / 16 A1
Langgliedrollenkette Nr.208 BRoller chains up to and including
No. 20 B1 / 16 A1, extended pitch roller chain
No. 208 BMakaralı zincir No: 20 B1 / 20 A1 Uzun baklalı
No: 210 B ve üstü, Ziraat zincirleri, Fõrdeyer
zincirler, Sabit burçlu zincirlerRollenketten ab Nr. 20 B1 / 20 A1
Langgliedrollenkette ab Nr. 210 B
Landmaschinen-Rollenketten, Fõrderketten,
BuchsenkettenRoller chains No. 20 B1 / 20 A1 and above,
extended pitch roller chains No. 210 B and
above, agricultural roller chains, conveyor
chains, bush driving chains

Talep doğrultusunda No: 16 B1 ve üstü için

Anfertigung nur ab
Kette 16 B1 auf wunschManufactured only from No. 16 B1 onwards on
requestMakaralı, Uzun baklalı, Ziraat, Sabit burçlu ve
Fõrdeyer zincirlerRollenketten, Langgliedrollenkette,
Landmaschinen-Rollenketten,
Fõrderketten, BuchsenkettenRoller chains, extended pitch roller chains,
agricultural roller chains, conveyor chains,
bush driving chains

Talep doğrultusunda No: 16 B1 ve üstü için

Anfertigung nur ab
Kette 16 B1 auf wunschManufactured only from No. 16 B1 onwards on
request

Makaralı zincirler dahil No: 16 B1 / 16 A1

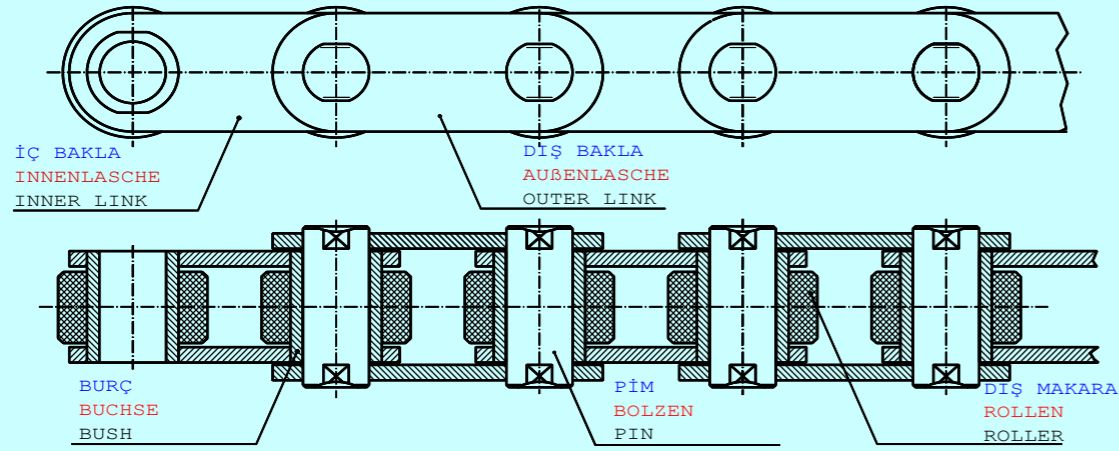
Rollenketten bis einschließlic
Nr. 16 B1 / 16 A1Roller chains up to and including
No. 16 B1 / 16 A1

Segmanlı kilitler için

zu allen Verbindungsgliedern

All connecting links

- FÖRDEYER ZİNCİRİN OLUŞUMU
- AUFBAU EINER FÖRDERKETTE
- CONVEYOR CHAIN DESIGN



1. ZİNCİR

Zincir iç ve dış bakladan oluşmaktadır. Üstte resimde belirtildiği gibi. Burç ve pim zincirin mafsal hareketini oluşturmaktadır. Zincir parçaları çeşitli malzemelerden üretilmektedir. Bunların ana yapısı ıslah , sementasyon ve alaşımli çeliklerdir.

a. BAKLA

Baklalar kopma ile karşı karşıya kaldığından dolayı ıslah edilmiş çelikten kullanılmaktadır. Zincirin tipi ve özelliğine göre ıslah işlem uygulanıp istenen kopma mukavemeti sağlanır.

b. PİM

Pimler silindirik yapısından dolayı, yüzeyi yüksek basınca ve birçok farklı yükün etkisinde kalmaktadır. Bundan dolayı genellikle pim yüzeyinin, aşınma dayanımını arttırmak amacı ile sement malzeme kullanılarak sertleştirme yapılır.

c. BURÇ

Burçlarda , pimler gibi yüzey basıncı yüksek, aşınmaya maruz kalmaktadırlar. Bu nedenle burç iç ve dış yüzeyleri , aşınma dayanımını arttırmak amacı ile sertleştirilir.

d. MAKARA

Koruyucu makara darbeye maruz kaldığından dolayı ıslah çeliklerden üretilmektedir. İşleyen makaralar'da aynı şekilde ıslah veya alaşımli çeliklerden üretilerek, sertleştirilir. Makaranın bir dier fonksiyonu burcu korumaktır.

1. KETTE

Kette besteht aus Innen- und Außenlasche. Wie auf obiger Zeichnung sichtbar, Buchse und Pim bewirken die Gelenkbewegungen. Die Kettenteile werden aus verschiedenen Materialien produziert. Hauptsächlich vergütetes, einsatzgehärtetes und legiertes Stahl.

a. LASCHEN

Es wird vergütetes Stahl eingesetzt, um den Bruch der Laschen zu verhindern. Entsprechend der Kettentyp und -besonderheit wird der Vergütungsprozess eingesetzt, somit der Bruchwiderstand erreicht.

b. BOLZEN

Den Buchsen sind durch die zylindrische Form, dem erhöhten Druck der Oberfläche, wie auch verschiedenen anderen Belastungen ausgesetzt. Aus diesem Grund wird hauptsächlich um die Bolzenoberfläche gegen Abnutzung widerstandsfähiger zu machen, einsatzgehärtetes Stahl eingesetzt zur Härtung.

c. BUCHSEN

Wie bei den Bolzen, sind bei den Buchsen der Oberflächendruck hoch, deshalb Abnutungsgefahr. Aus diesem Grund werden die Buchsen auf der inneren und äußeren Oberfläche verhärtet.

d. ROLLEN

Da die ...Rollen gegen Stöße ausgesetzt sind, werden diese aus vergütetem Stahl produziert. Auch die ... Rollen werden auf dem gleichen Weg gehärtet, durch Vergütung oder Legierung. Eine weitere Aufgabe der Rolle ist es, die Funktionsrollen schützen.

1. CHAIN

Chain consisting of inner link and outer link. As to be seen on above drawing, bush and pim are causing the joint movements. The chain parts are produced from different materials. Generally hardened, case-hardened and alloyed steel.

a. PLATES

To avoid breakes on the plates, it is used hardened steel. Respecting the type and specification of the chain, the hardened process is used, in order to become the break resistance.

b. PINS

Causing of the cylindrical form of the pims, the surface is under pressure and other burdens. This is the reason why case-harded steel is used for hardening, to make resistance again the wear of the surface of the pins

c. BUSHES

As same as the pins the pressure of the surface is to much, the wear is to high. For this the bushes are hardened on the inside and outside surfaces.

d. ROLLERS

As the ... rollers are produced of hardened steel to resist against pushings. Also ... rollers are hardened and alloyed at the same way. An other function of the roller is to protect the function roller.

MAKARALI ZİNCİRLER
ROLLENKETTEN
ROLLER CHAINS



Tablo içindekiler
Bölüm B

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Gruppe B

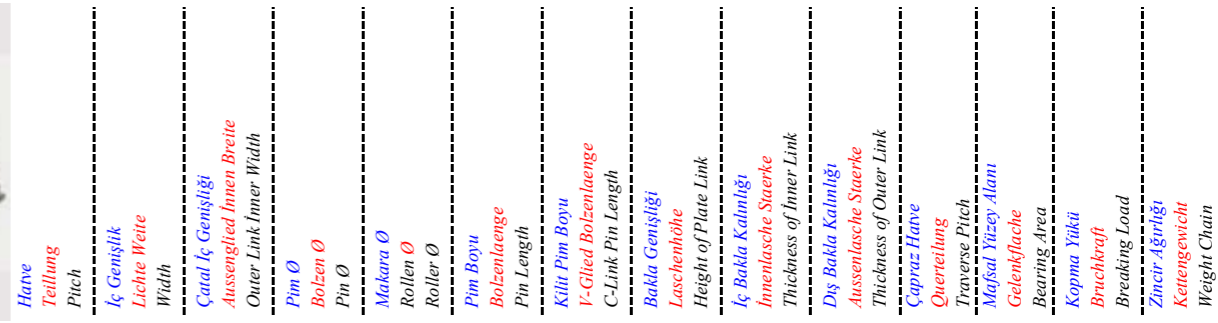
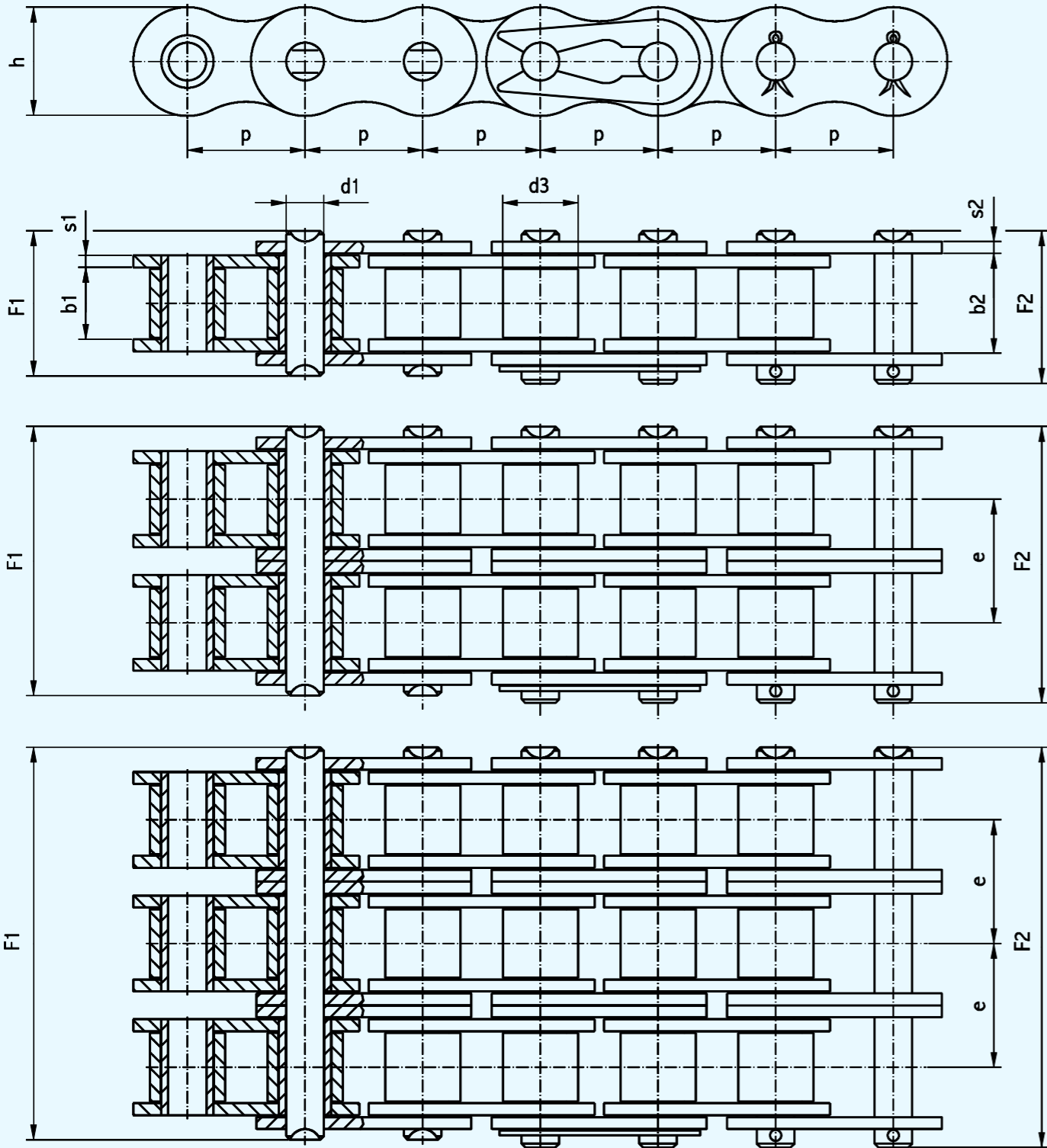
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| Tek - Çift - Üç Sıralı Makaralı Zincirler (Avrupa Normu) | 8187 | R-606 | B - 2.1 |
| Tek - Çift - Üç Sıralı Makaralı Zincirler (Amerikan Normu) | 8188 | R-606 | B - 2.2 |
| Tek - Çift - Üç Sıralı Makaralı Zincirler (Amerikan Normu) | 8188 | R-606 | B - 3.1 |
| Düz Formlu Tek - Çift - Üç Sıralı Makaralı Zincirler | 8187-8188 | - | B - 3.2 |
| Düz Formlu Tek - Çift - Üç Sıralı Makaralı Zincirler | 8187-8188 | - | B - 4.1 |
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| Einfach - Zweifach - Dreifach Rollenketten Mit Geraden Laschen | 8187-8188 | - | B - 4.1 |
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| Befestigungslaschen Für Rollenketten | - | - | B - 5.1 |
| Rollenketten Mit Verlängerten Bolzen | - | - | B - 5.2 |
| Rollenketten Mit Verlängerten Bolzen | - | - | B - 6.1 |
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| Zımaş No. | ISO | p mm. | b ₁ mm. | b ₂ mm. | d ₁ mm. | d ₃ mm. | F ₁ mm. | F ₂ mm. | h mm. | s ₁ mm. | s ₂ mm. | e mm. | f cm ² | F _B N | q kg/m |
|-----------------|----------|--------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------|--------------------|--------------------|-------|-------------------|------------------|--------|
| Mz-01-01-9,525 | * 06 B1 | 9,525 | 5,72 | 8,85 | 3,30 | 6,35 | 13,00 | 14,50 | 8,20 | 1,30 | 1,30 | - | 0,28 | 9000 | 0,41 |
| Mz-01-02-12,70 | * 08 B1 | 12,70 | 3,30 | 5,80 | 3,64 | 7,75 | 9,60 | 11,50 | 9,88 | 1,00 | 1,00 | - | 0,21 | 8200 | 0,28 |
| Mz-01-03-12,70 | * 08 B1 | 12,70 | 4,88 | 8,00 | 3,92 | 7,75 | 12,60 | 13,60 | 10,50 | 1,30 | 1,30 | - | 0,36 | 16000 | 0,59 |
| Mz-01-04-12,70 | * 08 B1 | 12,70 | 7,75 | 11,50 | 4,45 | 8,51 | 17,00 | 18,00 | 11,80 | 1,60 | 1,60 | - | 0,50 | 18000 | 0,7 |
| Mz-01-05-15,875 | * 10 B1 | 15,875 | 9,65 | 13,40 | 5,08 | 10,16 | 19,50 | 20,50 | 14,60 | 1,60 | 1,60 | - | 0,67 | 22400 | 0,95 |
| Mz-01-06-19,05 | * 12 B1 | 19,05 | 11,68 | 15,60 | 5,72 | 12,07 | 22,40 | 24,00 | 16,00 | 1,70 | 1,70 | - | 0,89 | 29000 | 1,25 |
| Mz-01-07-25,40 | * 16 B1 | 25,40 | 17,02 | 25,50 | 8,28 | 15,88 | 36,00 | 37,50 | 21,30 | 4,00 | 3,00 | - | 2,10 | 60000 | 2,7 |
| Mz-01-08-31,75 | ** 20 B1 | 31,75 | 19,56 | 28,50 | 10,17 | 19,05 | 41,50 | 45,00 | 25,50 | 4,00 | 4,00 | - | 2,96 | 95000 | 3,6 |
| Mz-01-09-38,10 | ** 24 B1 | 38,10 | 25,40 | 37,40 | 14,63 | 25,40 | 54,00 | 58,00 | 33,00 | 5,50 | 5,50 | - | 5,54 | 160000 | 6,7 |
| Mz-01-10-44,45 | ** 28 B1 | 44,45 | 30,99 | 47,00 | 15,87 | 27,94 | 65,50 | 71,00 | 37,00 | 7,50 | 6,00 | - | 7,39 | 200000 | 8,3 |
| Mz-01-11-50,80 | ** 32 B1 | 50,80 | 30,99 | 46,00 | 17,75 | 29,21 | 66,00 | 70,00 | 42,20 | 7,00 | 6,00 | - | 8,10 | 250000 | 10,5 |
| Mz-01-12-63,50 | ** 40 B1 | 63,50 | 38,10 | 55,60 | 22,87 | 39,37 | 81,00 | 86,00 | 52,50 | 8,00 | 8,00 | - | 12,75 | 350000 | 16 |
| Mz-01-13-76,20 | ** 48 B1 | 76,20 | 45,72 | 71,00 | 29,24 | 48,26 | 99,10 | 109,10 | 65,00 | 12,00 | 10,00 | - | 20,61 | 560000 | 25 |
| Mz-01-14-88,90 | ** 56 B1 | 88,90 | 53,34 | 81,30 | 34,32 | 53,98 | 118,00 | 125,00 | 76,00 | 13,00 | 13,00 | - | 27,90 | 850000 | 35 |
| Mz-01-15-101,60 | ** 64 B1 | 101,60 | 60,96 | 91,50 | 39,40 | 63,50 | 130,00 | 140,50 | 90,00 | 14,00 | 13,00 | - | 36,25 | 1120000 | 60 |
| Mz-01-16-114,30 | ** 72 B1 | 114,30 | 68,58 | 101,60 | 44,50 | 72,39 | 147,10 | 157,60 | 100,00 | 15,00 | 15,00 | - | 46,19 | 1400000 | 80 |

| Tek Sıra Makaralı Zincirler | | Einfach Rollenketten | | Simple Roller Chains | | | | | | | | | | | |
|-----------------------------|----------|----------------------|-------|----------------------|-------|-------|--------|--------|--------|-------|-------|--------|-------|---------|-------|
| Mz-02-01-9,525 | * 06 B2 | 9,525 | 5,72 | - | 3,30 | 6,35 | 23,10 | 25,00 | 8,20 | 1,30 | 1,30 | 10,24 | 0,56 | 16000 | 0,78 |
| Mz-02-02-12,70 | * 08 B2 | 12,70 | 7,75 | - | 4,45 | 8,51 | 31,00 | 32,00 | 11,80 | 1,60 | 1,60 | 13,92 | 1,01 | 32000 | 1,35 |
| Mz-02-03-15,875 | * 10 B2 | 15,875 | 9,65 | - | 5,08 | 10,16 | 36,00 | 38,00 | 14,60 | 1,60 | 1,60 | 16,59 | 1,34 | 40000 | 1,35 |
| Mz-02-04-19,05 | * 12 B2 | 19,05 | 11,68 | - | 5,72 | 12,07 | 42,00 | 43,50 | 16,00 | 1,70 | 1,70 | 19,46 | 1,79 | 53000 | 2,50 |
| Mz-02-05-25,40 | * 16 B2 | 25,40 | 17,02 | - | 8,28 | 15,88 | 68,00 | 69,00 | 21,30 | 4,00 | 3,00 | 31,88 | 4,21 | 106000 | 5,40 |
| Mz-02-06-31,75 | ** 20 B2 | 31,75 | 19,56 | - | 10,17 | 19,05 | 77,10 | 81,00 | 25,50 | 4,00 | 4,00 | 36,45 | 5,91 | 170000 | 7,20 |
| Mz-02-07-38,10 | ** 24 B2 | 38,10 | 25,40 | - | 14,63 | 25,40 | 102,00 | 107,00 | 33,00 | 5,50 | 5,50 | 48,36 | 11,09 | 280000 | 13,50 |
| Mz-02-08-44,45 | ** 28 B2 | 44,45 | 30,99 | - | 15,87 | 27,94 | 124,00 | 132,00 | 37,00 | 7,50 | 6,00 | 59,56 | 14,79 | 360000 | 16,60 |
| Mz-02-09-50,80 | ** 32 B2 | 50,80 | 30,99 | - | 17,75 | 29,21 | 126,00 | 131,00 | 42,20 | 7,00 | 6,00 | 58,55 | 16,21 | 450000 | 21 |
| Mz-02-10-63,50 | ** 40 B2 | 63,50 | 38,10 | - | 22,87 | 39,37 | 154,00 | 159,00 | 52,50 | 8,00 | 8,00 | 72,29 | 25,50 | 630000 | 32 |
| Mz-02-11-76,20 | ** 48 B2 | 76,20 | 45,72 | - | 29,24 | 48,26 | 192,00 | 199,00 | 65,00 | 12,00 | 10,00 | 91,21 | 41,23 | 1000000 | 50 |
| Mz-02-12-88,90 | ** 56 B2 | 88,90 | 53,34 | - | 34,32 | 53,98 | 224,00 | 235,00 | 76,00 | 13,00 | 13,00 | 106,60 | 55,80 | 1600000 | 70 |
| Mz-02-13-101,60 | ** 64 B2 | 101,60 | 60,96 | - | 39,40 | 63,50 | 250,80 | 263,80 | 90,00 | 14,00 | 13,00 | 119,89 | 72,50 | 2000000 | 120 |
| Mz-02-14-114,30 | ** 72 B2 | 114,30 | 68,58 | - | 44,50 | 72,39 | 283,70 | 298,00 | 100,00 | 15,00 | 15,00 | 136,27 | 92,40 | 2500000 | 160 |

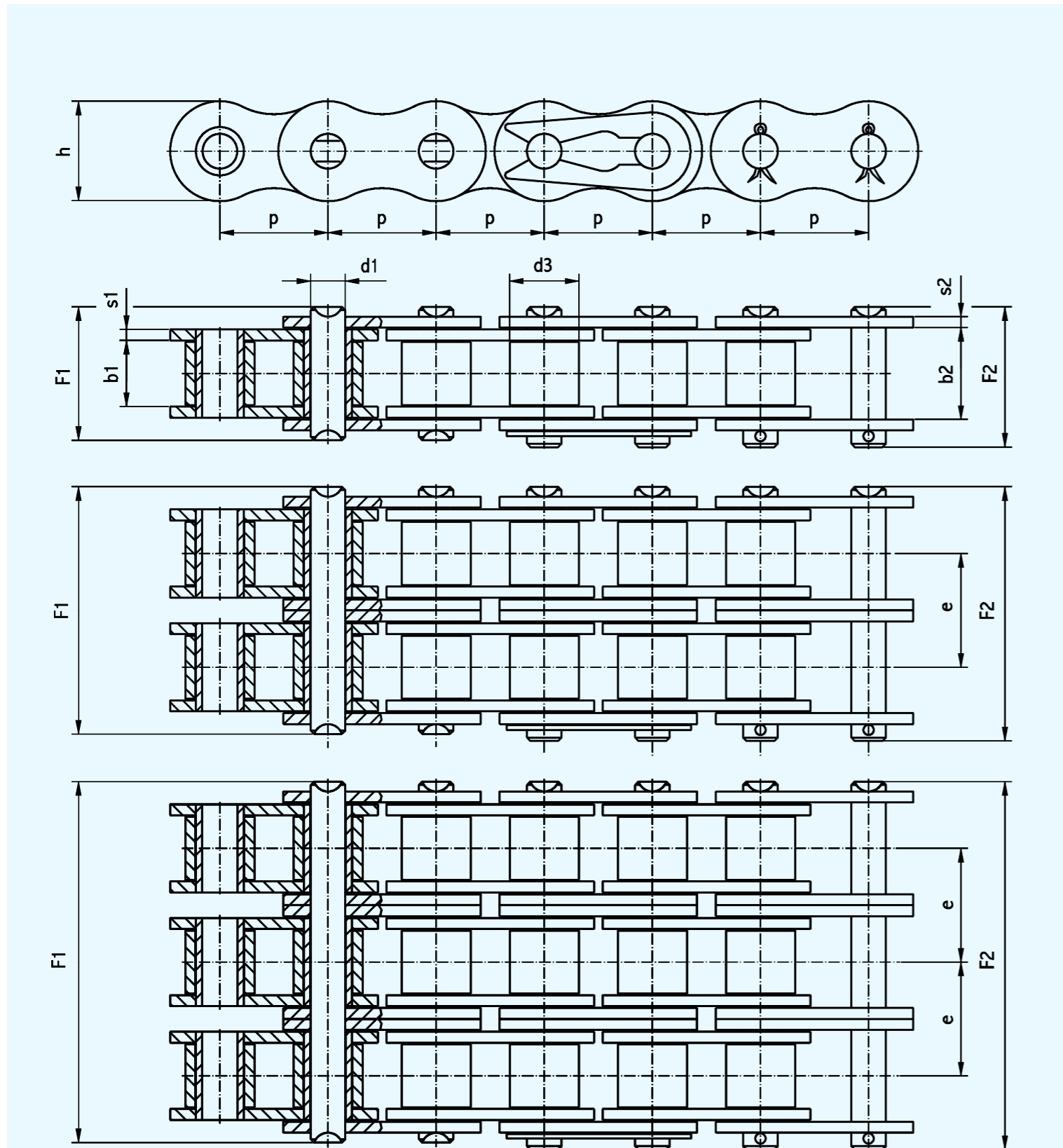
| Çift Sıra Makaralı Zincirler | | Zweifach Rollenketten | | Duplex Roller Chains | | | | | | | | | | | |
|------------------------------|----------|-----------------------|-------|----------------------|-------|-------|--------|--------|--------|-------|-------|--------|--------|---------|------|
| Mz-03-01-9,525 | * 06 B3 | 9,525 | 5,72 | - | 3,30 | 6,35 | 33,50 | 37,30 | 8,20 | 1,30 | 1,30 | 10,24 | 0,84 | 23600 | 1,18 |
| Mz-03-02-12,70 | * 08 B3 | 12,70 | 7,75 | - | 4,45 | 8,51 | 45,20 | 46,40 | 11,80 | 1,60 | 1,60 | 13,92 | 1,51 | 47500 | 2,0 |
| Mz-03-03-15,875 | * 10 B3 | 15,875 | 9,65 | - | 5,08 | 10,16 | 52,70 | 55,00 | 14,60 | 1,60 | 1,60 | 16,59 | 2,02 | 60000 | 2,8 |
| Mz-03-04-19,05 | * 12 B3 | 19,05 | 11,68 | - | 5,72 | 12,07 | 61,50 | 63,00 | 16,00 | 1,70 | 1,70 | 19,46 | 2,68 | 80000 | 3,8 |
| Mz-03-05-25,40 | * 16 B3 | 25,40 | 17,02 | - | 8,28 | 15,88 | 99,00 | 102,00 | 21,30 | 4,00 | 3,00 | 31,88 | 6,31 | 160000 | 8 |
| Mz-03-06-31,75 | ** 20 B3 | 31,75 | 19,56 | - | 10,17 | 19,05 | 115,00 | 119,00 | 25,50 | 4,00 | 4,00 | 36,45 | 8,87 | 250000 | 11 |
| Mz-03-07-38,10 | ** 24 B3 | 38,10 | 25,40 | - | 14,63 | 25,40 | 150,00 | 155,00 | 33,00 | 5,50 | 5,50 | 48,36 | 16,63 | 425000 | 21 |
| Mz-03-08-44,45 | ** 28 B3 | 44,45 | 30,99 | - | 15,87 | 27,94 | 185,00 | 190,00 | 37,00 | 7,50 | 6,00 | 59,56 | 22,18 | 530000 | 25 |
| Mz-03-09-50,80 | ** 32 B3 | 50,80 | 30,99 | - | 17,75 | 29,21 | 184,00 | 189,50 | 42,20 | 7,00 | 6,00 | 58,55 | 24,31 | 670000 | 32 |
| Mz-03-10-63,50 | ** 40 B3 | 63,50 | 38,10 | - | 22,87 | 39,37 | 224,00 | 230,00 | 52,50 | 8,00 | 8,00 | 72,29 | 38,25 | 950000 | 48 |
| Mz-03-11-76,20 | ** 48 B3 | 76,20 | 45,72 | - | 29,24 | 48,26 | 284,30 | 291,00 | 65,00 | 12,00 | 10,00 | 91,21 | 61,84 | 1500000 | 75 |
| Mz-03-12-88,90 | ** 56 B3 | 88,90 | 53,34 | - | 34,32 | 53,98 | 333,00 | 339,00 | 76,00 | 13,00 | 13,00 | 106,60 | 83,71 | 2240000 | 105 |
| Mz-03-13-101,60 | ** 64 B3 | 101,60 | 60,96 | - | 39,40 | 63,50 | 370,70 | 383,70 | 90,00 | 14,00 | 13,00 | 119,89 | 108,74 | 3000000 | 180 |
| Mz-03-14-114,30 | ** 72 B3 | 114,30 | 68,58 | - | 44,50 | 72,39 | 420,00 | 434,30 | 100,00 | 15,00 | 15,00 | 136,27 | 138,57 | 3750000 | 240 |

| Üç Sıra Makaralı Zincirler | | Dreifach Rollenketten | | Triplex Roller Chains | | | | | | | | | | | |
|----------------------------|----------|-----------------------|-------|-----------------------|-------|-------|--------|--------|--------|-------|-------|--------|-------|---------|------|
| Mz-04-01-9,525 | * 06 B4 | 9,525 | 5,72 | - | 3,30 | 6,35 | 43,50 | 47,50 | 8,20 | 1,30 | 1,30 | 10,24 | 1,18 | 30000 | 1,5 |
| Mz-04-02-12,70 | * 08 B4 | 12,70 | 7,75 | - | 4,45 | 8,51 | 58,00 | 60,00 | 11,80 | 1,60 | 1,60 | 13,92 | 1,75 | 60000 | 2,2 |
| Mz-04-03-15,875 | * 10 B4 | 15,875 | 9,65 | - | 5,08 | 10,16 | 68,00 | 71,00 | 14,60 | 1,60 | 1,60 | 16,59 | 2,45 | 80000 | 3,0 |
| Mz-04-04-19,05 | * 12 B4 | 19,05 | 11,68 | - | 5,72 | 12,07 | 80,00 | 83,00 | 16,00 | 1,70 | 1,70 | 19,46 | 3,25 | 100000 | 4,0 |
| Mz-04-05-25,40 | * 16 B4 | 25,40 | 17,02 | - | 8,28 | 15,88 | 120,00 | 124,00 | 21,30 | 4,00 | 3,00 | 31,88 | 5,25 | 160000 | 6,0 |
| Mz-04-06-31,75 | ** 20 B4 | 31,75 | 19,56 | - | 10,17 | 19,05 | 140,00 | 145,00 | 25,50 | 4,00 | 4,00 | 36,45 | 7,25 | 220000 | 8,0 |
| Mz-04-07-38,10 | ** 24 B4 | 38,10 | 25,40 | - | 14,63 | 25,40 | 180,00 | 186,00 | 33,00 | 5,50 | 5,50 | 48,36 | 10,25 | 300000 | 11,0 |
| Mz-04-08-44,45 | ** 28 B4 | 44,45 | 30,99 | - | 15,87 | 27,94 | 210,00 | 217,00 | 37,00 | 7,50 | 6,00 | 59,56 | 13,25 | 380000 | 14,0 |
| Mz-04-09-50,80 | ** 32 B4 | 50,80 | 30,99 | - | 17,75 | 29,21 | 240,00 | 247,00 | 42,20 | 7,00 | 6,00 | 58,55 | 16,25 | 460000 | 17,0 |
| Mz-04-10-63,50 | ** 40 B4 | 63,50 | 38,10 | - | 22,87 | 39,37 | 280,00 | 288,00 | 52,50 | 8,00 | 8,00 | 72,29 | 21,25 | 560000 | 21,0 |
| Mz-04-11-76,20 | ** 48 B4 | 76,20 | 45,72 | - | 29,24 | 48,26 | 330,00 | 339,00 | 65,00 | 12,00 | 10,00 | 91,21 | 28,25 | 700000 | 27,0 |
| Mz-04-12-88,90 | ** 56 B4 | 88,90 | 53,34 | - | 34,32 | 53,98 | 380,00 | 390,00 | 76,00 | 13,00 | 13,00 | 106,60 | 37,25 | 880000 | 35,0 |
| Mz-04-13-101,60 | ** 64 B4 | 101,60 | 60,96 | - | 39,40 | 63,50 | 430,00 | 441,00 | 90,00 | 14,00 | 13,00 | 119,89 | 48,25 | 1100000 | 45,0 |
| Mz-04-14-114,30 | ** 72 B4 | 114,30 | 68,58 | - | 44,50 | 72,39 | 480,00 | 492,00 | 100,00 | 15,00 | 15,00 | 136,27 | 61,25 | 1400000 | 57,0 |

* Kilitleri Segmanlı Yapılanlar
 ** Kilitleri Gupilyalı Yapılanlar

* V-Glieder Mit Versicherungsring
 ** V-Glieder Mit Splint

* With Segment Pin
 ** With Cottered Pin



| Have Teilung Pitch | İç Genişlik Lichte Weite Width | Çatal İç Genişliği Aussegglied Innen Breite Outer Link Inner Width | Pim Ø Bolsen Ø Pin Ø | Makara Ø Rollen Ø Roller Ø | Pim Boyu Bolsenlaenge Pin Length | Kilit Pim Boyu V-Glied Bolsenlaenge C-Link Pin Length | Bakla Genişliği Laschenhöhe Height of Plate Link | İç Bakla Kalınlığı Innenlasche Staerke Thickness of Inner Link | Dış Bakla Kalınlığı Ausseulasche Staerke Thickness of Outer Link | Çapraz Harve Querrelling Transverse Pitch | Majsal Yüzey Alanı Gelenfläche Bearing Area | Kopma Yüklü Bruchkraft Breaking Load | Zincir Ağırlığı Kettengewicht Weight Chain |
|--------------------------|--------------------------------------|--|----------------------------|----------------------------------|--|---|--|--|--|---|---|--|--|
| F ₁ | F ₂ | h | s ₁ | s ₂ | e | f | F _B | q | | | | | |
| mm. | mm. | mm. | mm. | mm. | mm. | cm. ² | N | kg/m | | | | | |

| Zımaş No. | ISO | p mm. | b ₁ mm. | b ₂ mm. | d ₁ mm. | d ₃ mm. | F ₁ mm. | F ₂ mm. | h mm. | s ₁ mm. | s ₂ mm. | e mm. | f cm. ² | F _B N | q kg/m |
|-----------------|----------|--------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------|--------------------|--------------------|-------|--------------------|------------------|--------|
| Mz-04-01-6,35 | * 04 C1 | 6,35 | 3,18 | 5,20 | 2,31 | 3,30 | 9,10 | 11,20 | 6,27 | 0,80 | 0,80 | - | 0,11 | 3500 | 0,13 |
| Mz-04-02-9,525 | * 06 C1 | 9,525 | 4,77 | 7,80 | 3,58 | 5,08 | 13,20 | 16,50 | 9,05 | 1,30 | 1,30 | - | 0,27 | 7900 | 0,31 |
| Mz-04-03-12,70 | * 08 A1 | 12,70 | 7,95 | 11,50 | 3,96 | 7,92 | 17,00 | 18,50 | 11,80 | 1,60 | 1,60 | - | 0,44 | 14100 | 0,6 |
| Mz-04-04-15,875 | * 10 A1 | 15,875 | 9,53 | 14,10 | 5,08 | 10,16 | 21,00 | 22,50 | 14,60 | 2,00 | 2,00 | - | 0,70 | 22200 | 1 |
| Mz-04-05-19,05 | * 12 A1 | 19,05 | 12,70 | 18,00 | 5,94 | 11,91 | 25,80 | 27,50 | 16,00 | 2,40 | 2,40 | - | 1,05 | 31800 | 1,5 |
| Mz-04-06-25,40 | * 16 A1 | 25,40 | 15,88 | 22,50 | 7,92 | 15,88 | 33,50 | 34,50 | 24,00 | 3,00 | 3,00 | - | 1,78 | 56700 | 2,6 |
| Mz-04-07-31,75 | ** 20 A1 | 31,75 | 19,05 | 27,80 | 9,53 | 19,05 | 41,10 | 45,00 | 30,00 | 4,00 | 4,00 | - | 2,61 | 88600 | 3,7 |
| Mz-04-08-38,10 | ** 24 A1 | 38,10 | 25,40 | 36,40 | 11,10 | 22,22 | 52,00 | 57,00 | 36,50 | 5,00 | 5,00 | - | 3,92 | 127000 | 5,5 |
| Mz-04-09-44,45 | ** 28 A1 | 44,45 | 25,40 | 37,40 | 12,70 | 25,40 | 54,50 | 60,00 | 42,00 | 5,50 | 5,50 | - | 4,70 | 172400 | 7,5 |
| Mz-04-10-50,80 | ** 32 A1 | 50,80 | 31,75 | 45,80 | 14,28 | 28,58 | 65,50 | 70,00 | 47,00 | 6,50 | 6,00 | - | 6,42 | 226800 | 9,7 |
| Mz-04-11-63,50 | ** 40 A1 | 63,50 | 38,10 | 55,50 | 19,84 | 39,68 | 80,30 | 87,00 | 60,00 | 8,00 | 8,00 | - | 10,85 | 353800 | 15,8 |
| Mz-04-12-76,20 | ** 48 A1 | 76,20 | 47,63 | 68,70 | 23,80 | 47,63 | 97,50 | 104,50 | 72,00 | 10,00 | 10,00 | - | 16,07 | 510300 | 22,6 |

Tek Sıra Makaralı Zincirler

Einfach Rollenketten

Simple Roller Chains

| | | | | | | | | | | | | | | | |
|-----------------|----------|--------|-------|---|-------|-------|--------|--------|-------|-------|-------|-------|-------|---------|------|
| Mz-05-01-9,525 | * 06 C2 | 9,525 | 4,77 | - | 3,58 | 5,08 | 21,60 | 22,90 | 9,05 | 1,30 | 1,30 | 10,13 | 0,54 | 18600 | 0,67 |
| Mz-05-02-12,70 | * 08 A2 | 12,70 | 7,95 | - | 3,96 | 7,92 | 32,00 | 33,00 | 11,80 | 1,60 | 1,60 | 14,38 | 0,88 | 28200 | 1,2 |
| Mz-05-03-15,875 | * 10 A2 | 15,875 | 9,53 | - | 5,08 | 10,16 | 39,00 | 40,50 | 14,60 | 2,00 | 2,00 | 18,11 | 1,40 | 44400 | 1,9 |
| Mz-05-04-19,05 | * 12 A2 | 19,05 | 12,70 | - | 5,94 | 11,91 | 49,00 | 50,00 | 16,00 | 2,40 | 2,40 | 22,78 | 2,10 | 63600 | 2,9 |
| Mz-05-05-25,40 | * 16 A2 | 25,40 | 15,88 | - | 7,92 | 15,88 | 63,00 | 63,80 | 24,00 | 3,00 | 3,00 | 29,29 | 3,56 | 113400 | 5 |
| Mz-05-06-31,75 | ** 20 A2 | 31,75 | 19,05 | - | 9,53 | 19,05 | 77,00 | 82,00 | 30,00 | 4,00 | 4,00 | 35,76 | 5,22 | 177000 | 7,3 |
| Mz-05-07-38,10 | ** 24 A2 | 38,10 | 25,40 | - | 11,10 | 22,22 | 99,50 | 102,60 | 36,50 | 5,00 | 5,00 | 45,44 | 7,84 | 254000 | 10,9 |
| Mz-05-08-44,45 | ** 28 A2 | 44,45 | 25,40 | - | 12,70 | 25,40 | 104,00 | 108,00 | 42,00 | 5,50 | 5,50 | 48,87 | 9,40 | 344800 | 14,4 |
| Mz-05-09-50,80 | ** 32 A2 | 50,80 | 31,75 | - | 14,28 | 28,58 | 124,00 | 128,50 | 47,00 | 6,50 | 6,00 | 58,55 | 12,84 | 453600 | 19 |
| Mz-05-10-63,50 | ** 40 A2 | 63,50 | 38,10 | - | 19,84 | 39,68 | 154,00 | 159,00 | 60,00 | 8,00 | 8,00 | 71,55 | 21,70 | 707600 | 32 |
| Mz-05-11-76,20 | ** 48 A2 | 76,20 | 47,63 | - | 23,80 | 47,63 | 185,50 | 192,50 | 72,00 | 10,00 | 10,00 | 87,83 | 32,13 | 1020600 | 44 |

Çift Sıra Makaralı Zincirler

Zweifach Rollenketten

Duplex Roller Chains

| | | | | | | | | | | | | | | | |
|-----------------|----------|--------|-------|---|-------|-------|--------|--------|-------|-------|-------|-------|-------|---------|------|
| Mz-06-01-9,525 | * 06 C3 | 9,525 | 4,77 | - | 3,58 | 5,08 | 31,80 | 33,00 | 9,05 | 1,30 | 1,30 | 10,13 | 0,81 | 28000 | 1,01 |
| Mz-06-02-12,70 | * 08 A3 | 12,70 | 7,95 | - | 3,96 | 7,92 | 46,70 | 50,60 | 11,80 | 1,60 | 1,60 | 14,38 | 1,32 | 42300 | 1,8 |
| Mz-06-03-15,875 | * 10 A3 | 15,875 | 9,53 | - | 5,08 | 10,16 | 57,20 | 58,70 | 14,60 | 2,00 | 2,00 | 18,11 | 2,10 | 66600 | 2,9 |
| Mz-06-04-19,05 | * 12 A3 | 19,05 | 12,70 | - | 5,94 | 11,91 | 72,00 | 73,00 | 16,00 | 2,40 | 2,40 | 22,78 | 3,15 | 95400 | 4,3 |
| Mz-06-05-25,40 | * 16 A3 | 25,40 | 15,88 | - | 7,92 | 15,88 | 92,00 | 93,50 | 24,00 | 3,00 | 3,00 | 29,29 | 5,35 | 170100 | 7,5 |
| Mz-06-06-31,75 | ** 20 A3 | 31,75 | 19,05 | - | 9,53 | 19,05 | 113,00 | 116,50 | 30,00 | 4,00 | 4,00 | 35,76 | 7,83 | 265500 | 11 |
| Mz-06-07-38,10 | ** 24 A3 | 38,10 | 25,40 | - | 11,10 | 22,22 | 141,70 | 148,30 | 36,50 | 5,00 | 5,00 | 45,44 | 11,76 | 381000 | 16,5 |
| Mz-06-08-44,45 | ** 28 A3 | 44,45 | 25,40 | - | 12,70 | 25,40 | 152,40 | 159,80 | 42,00 | 5,50 | 5,50 | 48,87 | 14,10 | 517200 | 21,7 |
| Mz-06-09-50,80 | ** 32 A3 | 50,80 | 31,75 | - | 14,28 | 28,58 | 182,50 | 187,50 | 47,00 | 6,50 | 6,00 | 58,55 | 19,26 | 680400 | 28,3 |
| Mz-06-10-63,50 | ** 40 A3 | 63,50 | 38,10 | - | 19,84 | 39,68 | 224,00 | 230,00 | 60,00 | 8,00 | 8,00 | 71,55 | 32,56 | 1061400 | 48 |
| Mz-06-11-76,20 | ** 48 A3 | 76,20 | 47,63 | - | 23,80 | 47,63 | 274,50 | 281,00 | 72,00 | 10,00 | 10,00 | 87,83 | 48,20 | 1530900 | 66 |

Üç Sıra Makaralı Zincirler

Dreifach Rollenketten

Triplex Roller Chains

* Kilitleri Segmanlı Yapılanlar

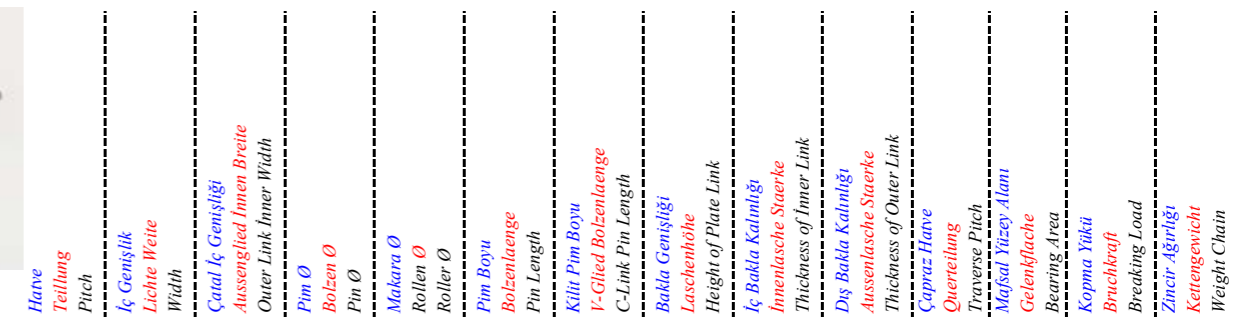
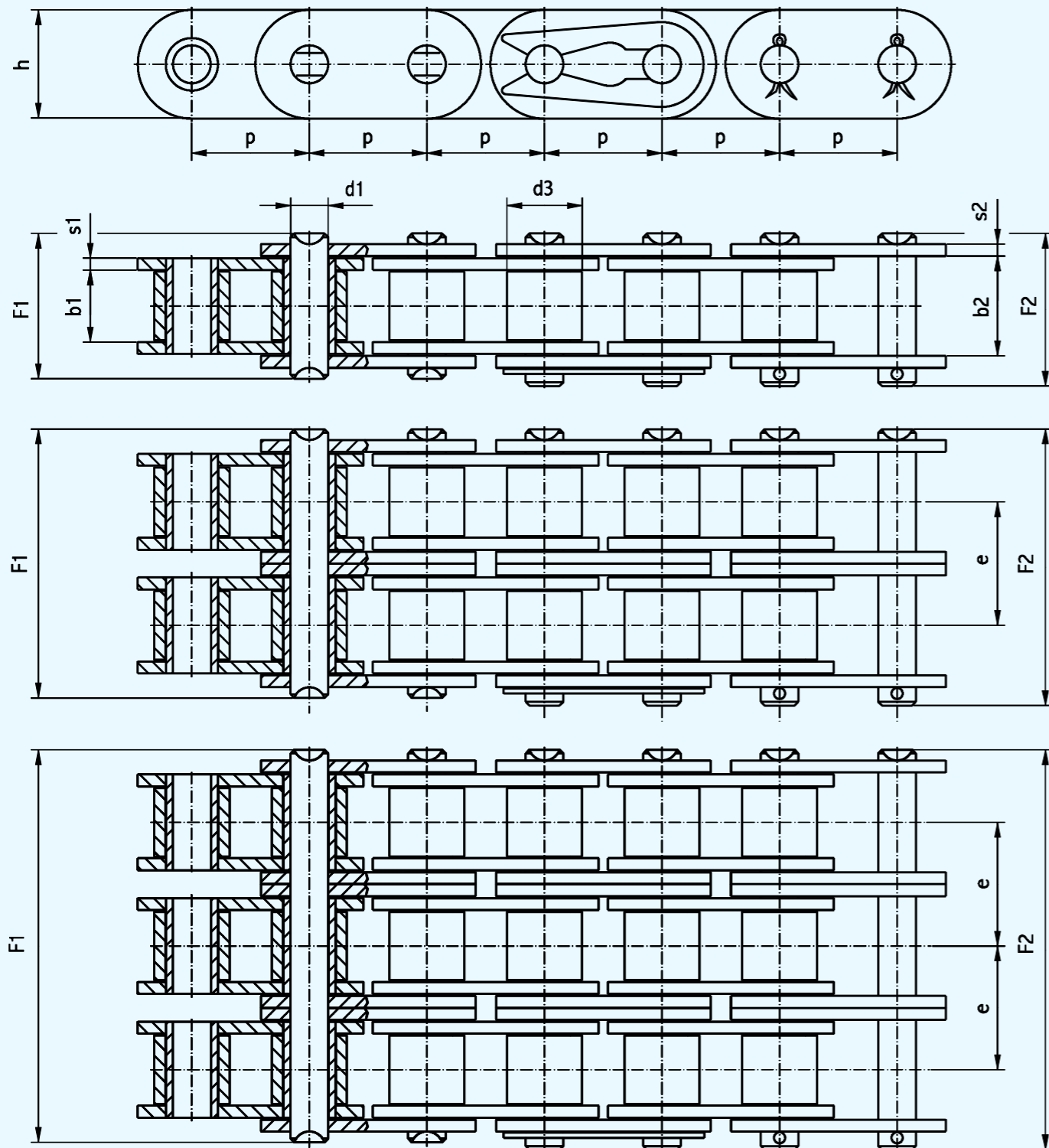
* V-Glieder Mit Versicherungsring

* With Segment Pin

** Kilitleri Gupilyalı Yapılanlar

** V-Glieder Mit Splint

** With Cottered Pin



| Zımaş No. | ISO | p mm. | b ₁ mm. | b ₂ mm. | d ₁ mm. | d ₃ mm. | F ₁ mm. | F ₂ mm. | h mm. | s ₁ mm. | s ₂ mm. | e mm. | f cm ² | F _B N | q kg/m |
|-----------------|------------|--------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------|--------------------|--------------------|-------|-------------------|------------------|--------|
| Mz-07-01-9,525 | * 06 B1 | 9,525 | 5,72 | 8,85 | 3,30 | 6,35 | 13,00 | 14,50 | 8,20 | 1,30 | 1,30 | - | 0,28 | 9000 | 0,41 |
| Mz-07-02-12,70 | * 08 B1 | 12,70 | 7,75 | 11,50 | 4,45 | 8,51 | 17,00 | 18,00 | 11,80 | 1,60 | 1,60 | - | 0,50 | 18000 | 0,7 |
| Mz-07-03-15,875 | * 10 B1 | 15,875 | 9,65 | 13,40 | 5,08 | 10,16 | 19,50 | 20,50 | 14,50 | 1,60 | 1,60 | - | 0,67 | 22400 | 0,95 |
| Mz-07-04-19,05 | * 12 B1 | 19,05 | 11,68 | 15,60 | 5,72 | 12,07 | 22,40 | 24,00 | 16,00 | 1,70 | 1,70 | - | 0,89 | 29000 | 1,25 |
| Mz-07-05-25,40 | */** 16 B1 | 25,40 | 17,02 | 25,50 | 8,28 | 15,88 | 36,00 | 37,50 | 21,00 | 4,00 | 3,00 | - | 2,10 | 60000 | 2,7 |
| Mz-07-06-19,05 | * 16 B1 | 25,40 | 17,02 | 25,50 | 8,28 | 15,88 | 36,00 | 37,50 | 24,00 | 4,00 | 3,00 | - | 2,10 | 60000 | 2,85 |
| Mz-07-07-31,75 | ** 20 B1 | 31,75 | 19,56 | 28,50 | 10,17 | 19,05 | 41,50 | 45,00 | 25,40 | 4,00 | 4,00 | - | 2,96 | 95000 | 3,6 |
| Mz-07-08-38,10 | ** 24 B1 | 38,10 | 25,40 | 37,40 | 14,63 | 25,40 | 54,00 | 58,00 | 33,00 | 5,50 | 5,50 | - | 5,54 | 160000 | 6,7 |

Tek Sıra Makaralı Zincirler

Einfach Rollenketten

Simple Roller Chains

| | | | | | | | | | | | | | | | |
|-----------------|------------|--------|-------|---|-------|-------|--------|--------|-------|------|------|-------|-------|--------|-------|
| Mz-08-01-9,525 | * 06 B2 | 9,525 | 5,72 | - | 3,30 | 6,35 | 23,10 | 25,00 | 8,20 | 1,30 | 1,30 | 10,24 | 0,56 | 16000 | 0,78 |
| Mz-08-02-12,70 | * 08 B2 | 12,70 | 7,75 | - | 4,45 | 8,51 | 31,00 | 32,00 | 11,80 | 1,60 | 1,60 | 13,92 | 1,01 | 32000 | 1,35 |
| Mz-08-03-15,875 | * 10 B2 | 15,875 | 9,65 | - | 5,08 | 10,16 | 36,00 | 38,00 | 14,50 | 1,60 | 1,60 | 16,59 | 1,34 | 40000 | 1,35 |
| Mz-08-04-19,05 | * 12 B2 | 19,05 | 11,68 | - | 5,72 | 12,07 | 42,00 | 43,50 | 16,00 | 1,70 | 1,70 | 19,46 | 1,79 | 53000 | 2,50 |
| Mz-08-05-25,40 | */** 16 B2 | 25,40 | 17,02 | - | 8,28 | 15,88 | 68,00 | 69,00 | 21,00 | 4,00 | 3,00 | 31,88 | 4,21 | 106000 | 5,40 |
| Mz-08-06-25,40 | */** 16 B2 | 25,40 | 17,02 | - | 8,28 | 15,88 | 68,00 | 69,00 | 24,00 | 4,00 | 3,00 | 31,88 | 4,21 | 106000 | 5,70 |
| Mz-08-07-31,75 | ** 20 B2 | 31,75 | 19,56 | - | 10,17 | 19,05 | 77,10 | 81,00 | 25,40 | 4,00 | 4,00 | 36,45 | 5,91 | 170000 | 7,20 |
| Mz-08-08-38,10 | ** 24 B2 | 38,10 | 25,40 | - | 14,63 | 25,40 | 102,00 | 107,00 | 33,00 | 5,50 | 5,50 | 48,36 | 11,09 | 280000 | 13,50 |

Çift Sıra Makaralı Zincirler

Zweifach Rollenketten

Duplex Roller Chains

| | | | | | | | | | | | | | | | |
|-----------------|------------|--------|-------|---|-------|-------|--------|--------|-------|------|------|-------|-------|--------|-------|
| Mz-09-01-9,525 | * 06 B3 | 9,525 | 5,72 | - | 3,30 | 6,35 | 33,50 | 37,30 | 8,20 | 1,30 | 1,30 | 10,24 | 0,84 | 23600 | 1,18 |
| Mz-09-02-12,70 | * 08 B3 | 12,70 | 7,75 | - | 4,45 | 8,51 | 45,20 | 46,40 | 11,80 | 1,60 | 1,60 | 13,92 | 1,51 | 47500 | 2,0 |
| Mz-09-03-15,875 | * 10 B3 | 15,875 | 9,65 | - | 5,08 | 10,16 | 52,70 | 55,00 | 14,50 | 1,60 | 1,60 | 16,59 | 2,02 | 60000 | 2,8 |
| Mz-09-04-19,05 | * 12 B3 | 19,05 | 11,68 | - | 5,72 | 12,07 | 61,50 | 63,00 | 16,00 | 1,70 | 1,70 | 19,46 | 2,68 | 80000 | 3,8 |
| Mz-09-05-25,40 | */** 16 B3 | 25,40 | 17,02 | - | 8,28 | 15,88 | 99,00 | 102,00 | 21,00 | 4,00 | 3,00 | 31,88 | 6,31 | 160000 | 8,00 |
| Mz-09-06-25,40 | */** 16 B3 | 25,40 | 17,02 | - | 8,28 | 15,88 | 99,00 | 102,00 | 24,00 | 4,00 | 3,00 | 31,88 | 6,31 | 160000 | 8,45 |
| Mz-09-07-31,75 | ** 20 B3 | 31,75 | 19,56 | - | 10,17 | 19,05 | 115,00 | 119,00 | 25,40 | 4,00 | 4,00 | 36,45 | 8,87 | 250000 | 11,00 |
| Mz-09-08-38,10 | ** 24 B3 | 38,10 | 25,40 | - | 14,63 | 25,40 | 150,00 | 155,00 | 33,00 | 5,50 | 5,50 | 48,36 | 16,63 | 425000 | 21,00 |

Üç Sıra Makaralı Zincirler

Dreifach Rollenketten

Triplex Roller Chains

| DIN 8188 | | DIN 8188 | | DIN 8188 | | | | | | | | | | | |
|-----------------|---------|----------|-------|----------|------|-------|-------|-------|-------|------|------|---|------|-------|-----|
| Mz-10-01-15,875 | * 10 A1 | 15,875 | 9,53 | 14,10 | 5,08 | 10,16 | 21,00 | 22,50 | 14,50 | 2,00 | 2,00 | - | 0,70 | 22200 | 1 |
| Mz-10-02-19,05 | * 12 A1 | 19,05 | 12,70 | 18,00 | 5,94 | 11,91 | 25,80 | 27,50 | 16,00 | 2,40 | 2,40 | - | 1,05 | 31800 | 1,5 |

Tek Sıra Makaralı Zincirler

Einfach Rollenketten

Simple Roller Chains

| | | | | | | | | | | | | | | | |
|-----------------|---------|--------|-------|---|------|-------|-------|-------|-------|------|------|-------|------|-------|-----|
| Mz-11-01-15,875 | * 10 A2 | 15,875 | 9,53 | - | 5,08 | 10,16 | 39,00 | 40,50 | 14,50 | 2,00 | 2,00 | 18,11 | 1,40 | 44400 | 1,9 |
| Mz-11-02-19,05 | * 12 A2 | 19,05 | 12,70 | - | 5,94 | 11,91 | 49,00 | 50,00 | 16,00 | 2,40 | 2,40 | 22,78 | 2,10 | 63600 | 2,9 |

Çift Sıra Makaralı Zincirler

Zweifach Rollenketten

Duplex Roller Chains

| | | | | | | | | | | | | | | | |
|-----------------|---------|--------|-------|---|------|-------|-------|-------|-------|------|------|-------|------|-------|-----|
| Mz-12-01-15,875 | * 10 A3 | 15,875 | 9,53 | - | 5,08 | 10,16 | 57,20 | 58,70 | 14,50 | 2,00 | 2,00 | 18,11 | 2,10 | 66600 | 2,9 |
| Mz-12-02-19,05 | * 12 A3 | 19,05 | 12,70 | - | 5,94 | 11,91 | 72,00 | 73,00 | 16,00 | 2,40 | 2,40 | 22,78 | 3,15 | 95400 | 4,3 |

Üç Sıra Makaralı Zincirler

Dreifach Rollenketten

Triplex Roller Chains

* Kilitleri Segmanlı Yapılanlar

* V-Glieder Mit Versicherungsring

* With Segment Pin

** Kilitleri Gupilyalı Yapılanlar

** V-Glieder Mit Splint

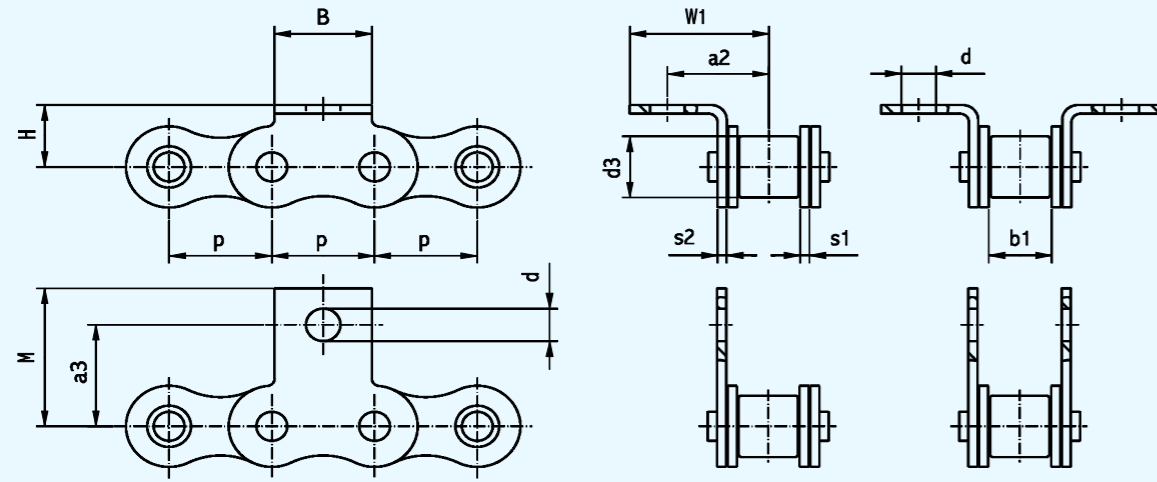
** With Cottered Pin



DAR KULAKLAR - BÜKÜLMÜŞ VEYA DİK
FORMLU

FORM :SCHMAL -GEWINKELT ODER
GESRECKT

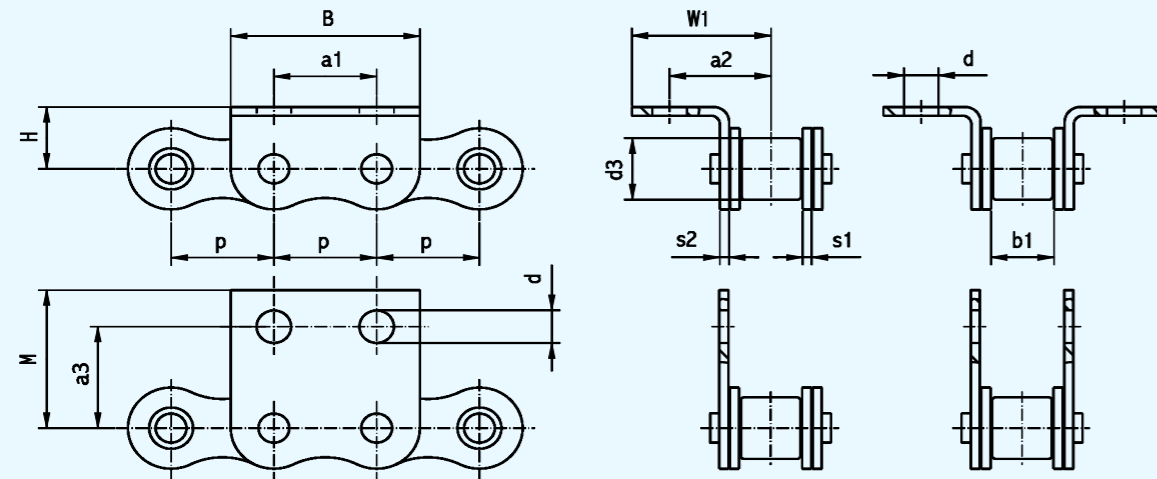
NARROW ATTACHMENT - BENT AND
VERTICAL TYPE



GENİŞ KULAKLAR - BÜKÜLMÜŞ VEYA DİK
FORMLU

FORM :BREIT -GEWINKELT ODER
GESRECKT

WIDE ATTACHMENT - BENT AND
VERTICAL TYPE



| Zimaş No. | ISO | p mm. | b ₁ mm. | d ₃ mm. | F _B N | a ₁ mm. | a ₃ mm. | B mm. | M mm. | s ₁ mm. | s ₂ mm. | a ₂ * mm. | d mm. | H* mm. | W ₁ mm. |
|-----------------|------|--------|--------------------|--------------------|------------------|--------------------|--------------------|-------|-------|--------------------|--------------------|----------------------|-------|--------|--------------------|
| Mz-07-01-12,70 | 08 B | 12,70 | 7,75 | 8,51 | 18000 | - | 14,30 | 11,00 | 19,20 | 1,60 | 1,60 | 12,70 | 4,40 | 9,00 | 18,2 |
| Mz-07-02-15,875 | 10 B | 15,875 | 9,65 | 10,16 | 22400 | - | 15,50 | 13,00 | 24,60 | 1,60 | 1,60 | 15,90 | 5,00 | 10,30 | 22,3 |
| Mz-07-03-19,05 | 12 B | 19,05 | 11,68 | 12,07 | 29000 | - | 20,00 | 18,00 | 30,10 | 1,70 | 1,70 | 19,05 | 6,40 | 13,50 | 26,2 |
| Mz-07-04-25,40 | 16 B | 25,40 | 17,02 | 15,88 | 60000 | - | 31,10 | 24,00 | 39,10 | 4,00 | 3,00 | 25,40 | 9,00 | 16,00 | 39,7 |
| Mz-07-05-31,75 | 20 B | 31,75 | 19,56 | 19,05 | 95000 | - | 35,00 | 26,00 | 48,70 | 4,00 | 4,00 | 31,75 | 9,00 | 19,80 | 47,8 |
| Mz-07-06-38,10 | 24 B | 38,10 | 25,40 | 25,40 | 160000 | - | 45,00 | 30,00 | 55,60 | 5,50 | 5,50 | 38,10 | 10,50 | 26,70 | 58,0 |
| Mz-07-07-44,45 | 28 B | 44,45 | 30,99 | 27,94 | 200000 | - | 55,00 | 42,00 | 68,50 | 7,50 | 6,00 | 44,45 | 13,10 | 28,60 | 76,0 |
| Mz-07-08-50,80 | 32 B | 50,80 | 30,99 | 29,21 | 250000 | - | 63,50 | 50,00 | 77,70 | 7,00 | 6,00 | 50,80 | 13,10 | 31,8 | 81,3 |
| DIN 8187 | | | DIN 8187 | | | DIN 8187 | | | | | | | | | |
| Mz-08-01-12,70 | 08 A | 12,70 | 7,95 | 7,92 | 14100 | - | 12,70 | 9,50 | 17,50 | 1,60 | 1,60 | 12,70 | 3,30 | 7,90 | 17,90 |
| Mz-08-02-15,875 | 10 A | 15,875 | 9,53 | 10,16 | 22200 | - | 15,90 | 12,70 | 24,60 | 2,00 | 2,00 | 15,90 | 5,30 | 10,30 | 24,90 |
| Mz-08-03-19,05 | 12 A | 19,05 | 12,70 | 11,91 | 31800 | - | 18,30 | 15,90 | 26,00 | 2,40 | 2,40 | 19,05 | 5,30 | 11,90 | 29,00 |
| Mz-08-04-25,40 | 16 A | 25,40 | 15,88 | 15,88 | 56700 | - | 24,60 | 24,00 | 39,70 | 3,00 | 3,00 | 25,40 | 6,60 | 15,90 | 41,30 |
| DIN 8188 | | | DIN 8188 | | | DIN 8188 | | | | | | | | | |

| Zimaş No. | ISO | p mm. | b ₁ mm. | d ₃ mm. | F _B N | a ₁ mm. | a ₃ mm. | B mm. | M mm. | s ₁ mm. | s ₂ mm. | a ₂ * mm. | d mm. | H* mm. | W ₁ mm. |
|-----------------|------|--------|--------------------|--------------------|------------------|--------------------|--------------------|-------|-------|--------------------|--------------------|----------------------|-------|--------|--------------------|
| Mz-08-01-12,70 | 08 A | 12,70 | 7,95 | 7,92 | 14100 | - | 12,70 | 9,50 | 17,50 | 1,60 | 1,60 | 12,70 | 3,30 | 7,90 | 17,90 |
| Mz-08-02-15,875 | 10 A | 15,875 | 9,53 | 10,16 | 22200 | - | 15,90 | 12,70 | 24,60 | 2,00 | 2,00 | 15,90 | 5,30 | 10,30 | 24,90 |
| Mz-08-03-19,05 | 12 A | 19,05 | 12,70 | 11,91 | 31800 | - | 18,30 | 15,90 | 26,00 | 2,40 | 2,40 | 19,05 | 5,30 | 11,90 | 29,00 |
| Mz-08-04-25,40 | 16 A | 25,40 | 15,88 | 15,88 | 56700 | - | 24,60 | 24,00 | 39,70 | 3,00 | 3,00 | 25,40 | 6,60 | 15,90 | 41,30 |
| DIN 8188 | | | DIN 8188 | | | DIN 8188 | | | | | | | | | |

DAR KULAKLAR - BÜKÜLMÜŞ VE DİK FORMLU

FORM :SCHMAL -GEWINKELT ODER GESRECKT

NARROW ATTACHMENT - BENT AND VERTICAL TYPE

* Serbest Ölçü * Fraimaß * Free dimension

| | | | | | | | | | | | | | | | |
|-----------------|------|--------|-----------------|-------|--------|-----------------|-------|-------|-------|------|------|-------|-------|-------|-------|
| Mz-09-01-12,70 | 08 B | 12,70 | 7,75 | 8,51 | 18000 | 12,70 | 14,30 | 23,60 | 19,20 | 1,60 | 1,60 | 12,70 | 4,40 | 9,00 | 18,2 |
| Mz-09-02-15,875 | 10 B | 15,875 | 9,65 | 10,16 | 22400 | 15,875 | 15,50 | 29,00 | 24,60 | 1,60 | 1,60 | 15,90 | 5,00 | 9,50 | 22,3 |
| Mz-09-03-19,05 | 12 B | 19,05 | 11,68 | 12,07 | 29000 | 19,05 | 20,00 | 33,80 | 30,10 | 1,70 | 1,70 | 19,05 | 6,40 | 12,20 | 26,2 |
| Mz-09-04-25,40 | 16 B | 25,40 | 17,02 | 15,88 | 60000 | 25,40 | 31,10 | 46,70 | 39,10 | 4,00 | 3,00 | 25,40 | 9,00 | 18,00 | 39,7 |
| Mz-09-05-31,75 | 20 B | 31,75 | 19,56 | 19,05 | 95000 | 31,75 | 35,00 | 57,50 | 48,70 | 4,00 | 4,00 | 31,75 | 9,00 | 18,00 | 47,8 |
| Mz-09-06-38,10 | 24 B | 38,10 | 25,40 | 25,40 | 160000 | 38,10 | 45,00 | 71,00 | 55,60 | 5,50 | 5,50 | 38,10 | 10,50 | 26,7 | 58,0 |
| Mz-09-07-44,45 | 28 B | 44,45 | 30,99 | 27,94 | 200000 | 44,45 | 55,00 | 81,45 | 68,50 | 7,50 | 6,00 | 44,45 | 13,10 | 28,6 | 76,0 |
| Mz-09-08-50,80 | 32 B | 50,80 | 30,99 | 29,21 | 250000 | 50,80 | 63,50 | 93,00 | 77,70 | 7,00 | 6,00 | 50,80 | 13,10 | 31,8 | 81,3 |
| DIN 8187 | | | DIN 8187 | | | DIN 8187 | | | | | | | | | |
| Mz-10-01-12,70 | 08 A | 12,70 | 7,95 | 7,92 | 14100 | 12,70 | 12,70 | 23,60 | 17,50 | 1,60 | 1,60 | 12,70 | 3,30 | 7,90 | 17,90 |
| Mz-10-02-15,875 | 10 A | 15,875 | 9,53 | 10,16 | 22200 | 15,875 | 15,90 | 29,00 | 24,60 | 2,00 | 2,00 | 15,90 | 5,30 | 10,30 | 24,90 |
| Mz-10-03-19,05 | 12 A | 19,05 | 12,70 | 11,91 | 31800 | 19,05 | 18,30 | 33,70 | 27,70 | 2,40 | 2,40 | 19,05 | 5,30 | 11,90 | 29,00 |
| Mz-10-04-25,40 | 16 A | 25,40 | 15,88 | 15,88 | 56700 | 25,40 | 24,60 | 46,70 | 39,70 | 3,00 | 3,00 | 25,40 | 6,60 | 15,90 | 41,30 |

DIN 8188

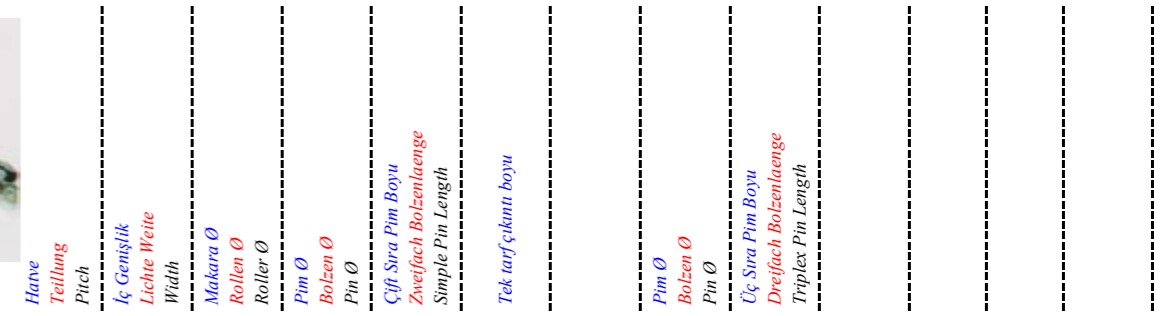
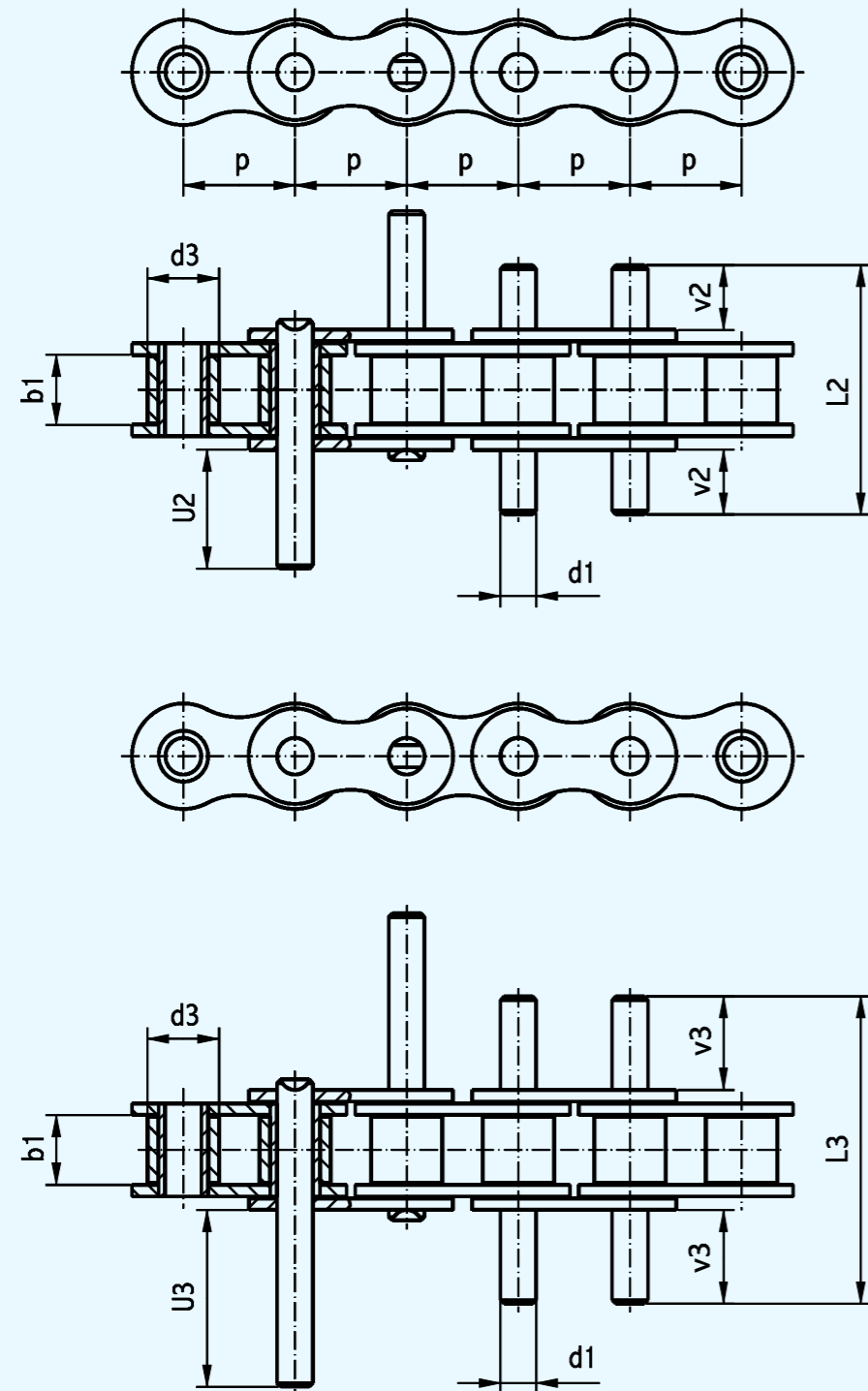
DIN 8188

DIN 8188

GENİŞ KULAKLAR - BÜKÜLMÜŞ VE DİK FORMLU

FORM :BREIT -GEWINKELT ODER GESRECKT

WIDE ATTACHMENT - BENT AND VERTICAL TYPE



| Zimaş No. | ISO | p mm. | b ₁ mm. | d ₃ mm. | d ₁ mm. | L ₂ mm. | U ₂ mm. | v ₂ mm. | d ₁ mm. | L ₃ mm. | U ₃ mm. | v ₃ mm. |
|-----------------|-------|--------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Pç-01-01-9,525 | 06 B1 | 9,525 | 5,72 | 6,35 | 3,30 | 23,10 | 11,00 | 5,90 | 3,30 | 33,50 | 21,20 | 11,00 |
| Pç-01-02-12,70 | 08 B1 | 12,70 | 7,75 | 8,51 | 4,45 | 31,00 | 15,10 | 8,10 | 4,45 | 45,20 | 29,20 | 15,20 |
| Pç-01-03-15,875 | 10 B1 | 15,875 | 9,65 | 10,16 | 5,08 | 36,00 | 18,00 | 9,60 | 5,08 | 52,70 | 34,50 | 18,00 |
| Pç-01-04-19,05 | 12 B1 | 19,05 | 11,68 | 12,07 | 5,72 | 42,00 | 21,20 | 11,50 | 5,72 | 61,50 | 40,70 | 21,20 |
| Pç-01-05-25,40 | 16 B1 | 25,40 | 17,02 | 15,88 | 8,28 | 68,00 | 33,60 | 18,20 | 8,28 | 99,00 | 65,10 | 33,70 |
| Pç-01-06-31,75 | 20 B1 | 31,75 | 19,56 | 19,05 | 10,17 | 77,10 | 38,10 | 20,20 | 10,17 | 115,00 | 75,80 | 39,20 |
| Pç-01-07-38,10 | 24 B1 | 38,10 | 25,40 | 25,40 | 14,63 | 102,00 | 50,50 | 26,70 | 14,63 | 150,00 | 98,6 | 50,70 |
| Pç-01-08-44,45 | 28 B1 | 44,45 | 30,99 | 27,94 | 15,87 | 124,00 | 61,70 | 32,40 | 15,87 | 185,00 | 122,60 | 62,80 |
| Pç-01-09-50,80 | 32 B1 | 50,80 | 30,99 | 29,21 | 17,75 | 126,00 | 63,80 | 33,90 | 17,75 | 184,00 | 121,80 | 62,80 |

DIN 8187

DIN 8187

DIN 8187

| | | | | | | | | | | | | |
|-----------------|-------|--------|-------|-------|-------|--------|-------|-------|-------|--------|--------|-------|
| Pç-02-01-12,70 | 08 A1 | 12,70 | 7,95 | 7,92 | 3,96 | 32,00 | 16,10 | 8,60 | 3,96 | 46,70 | 30,80 | 15,90 |
| Pç-02-02-15,875 | 10 A1 | 15,875 | 9,53 | 10,16 | 5,08 | 39,00 | 19,40 | 10,40 | 5,08 | 57,20 | 37,60 | 19,50 |
| Pç-02-03-19,05 | 12 A1 | 19,05 | 12,70 | 11,91 | 5,94 | 49,00 | 24,60 | 13,10 | 5,94 | 72,00 | 47,60 | 24,50 |
| Pç-02-04-25,40 | 16 A1 | 25,40 | 15,88 | 15,88 | 7,92 | 63,00 | 31,90 | 17,20 | 7,92 | 92,00 | 60,90 | 31,70 |
| Pç-02-05-31,75 | 20 A1 | 31,75 | 19,05 | 19,05 | 9,53 | 77,00 | 38,50 | 20,50 | 9,53 | 113,00 | 74,50 | 38,50 |
| Pç-02-06-38,10 | 24 A1 | 38,10 | 25,40 | 22,22 | 11,10 | 99,50 | 50,20 | 26,50 | 11,10 | 141,70 | 92,40 | 47,50 |
| Pç-02-07-44,45 | 28 A1 | 44,45 | 25,40 | 25,40 | 12,70 | 104,00 | 52,50 | 27,70 | 12,70 | 152,40 | 100,80 | 51,80 |
| Pç-02-08-50,80 | 32 A1 | 50,80 | 31,75 | 28,58 | 14,28 | 124,00 | 62,20 | 33,00 | 14,28 | 182,50 | 120,70 | 62,20 |

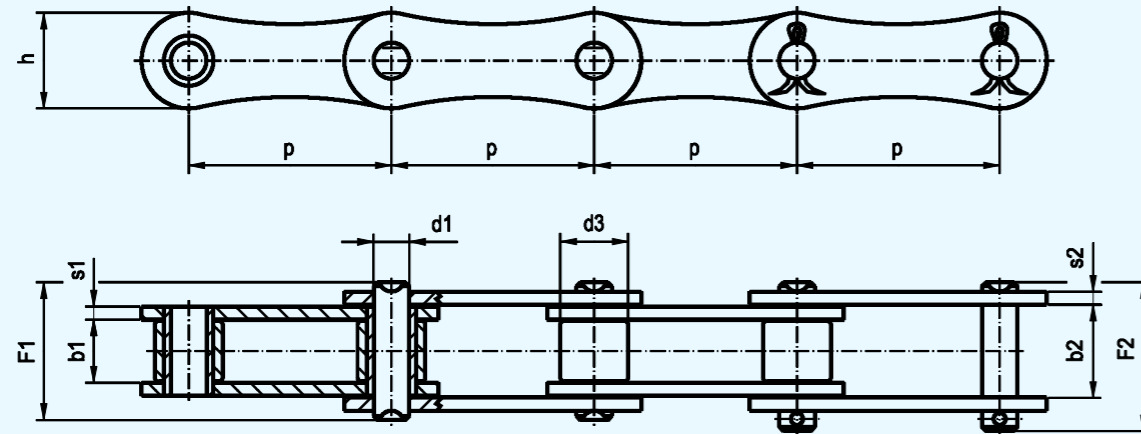
DIN 8188

DIN 8188

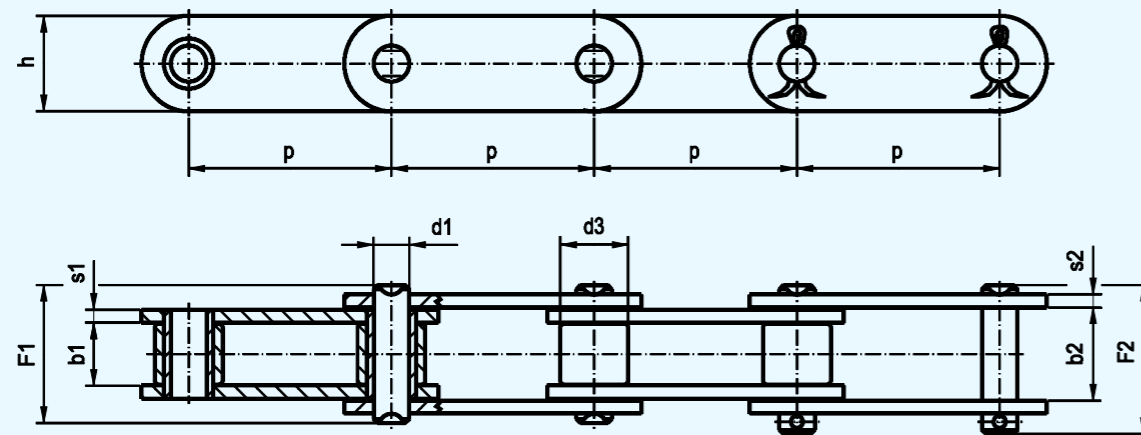
DIN 8188



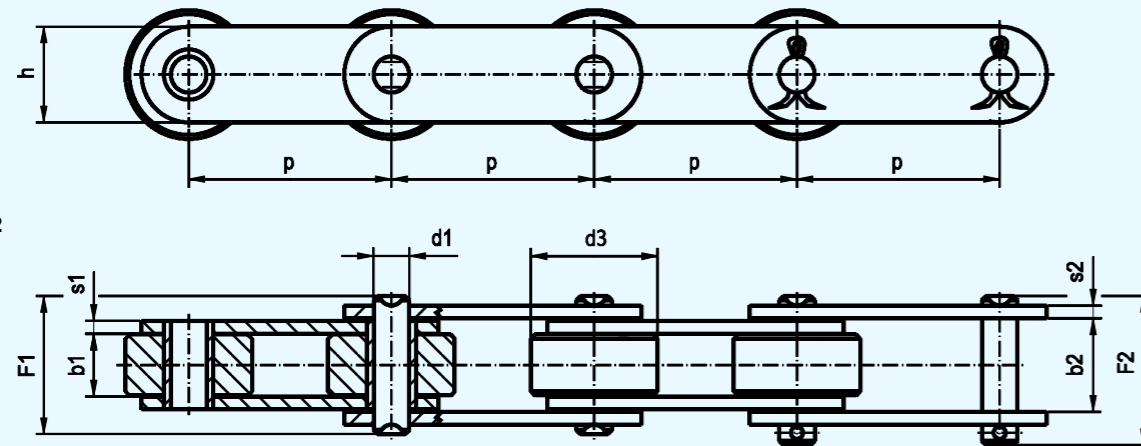
TİP - A



TİP - C



TİP - C2



Zımaş No.

ISO

p mm.

b₁ mm.b₂ mm.d₁ mm.d₃ mm.F₁ mm.F₂ mm.

h mm.

s₁ mm.s₂ mm.

FB N

q kg/m

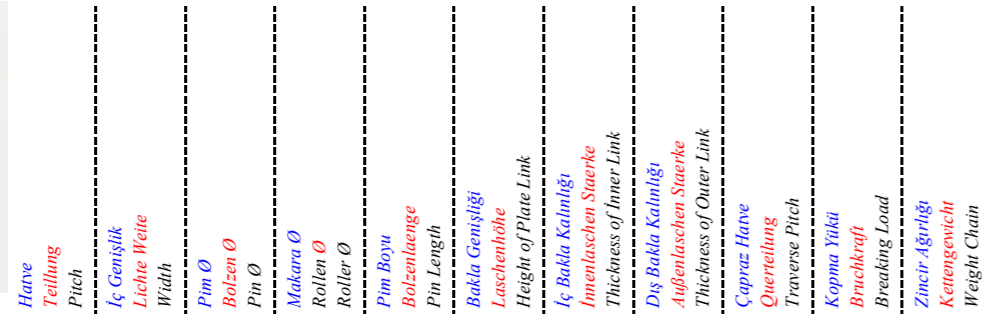
TİP

ANSI No.

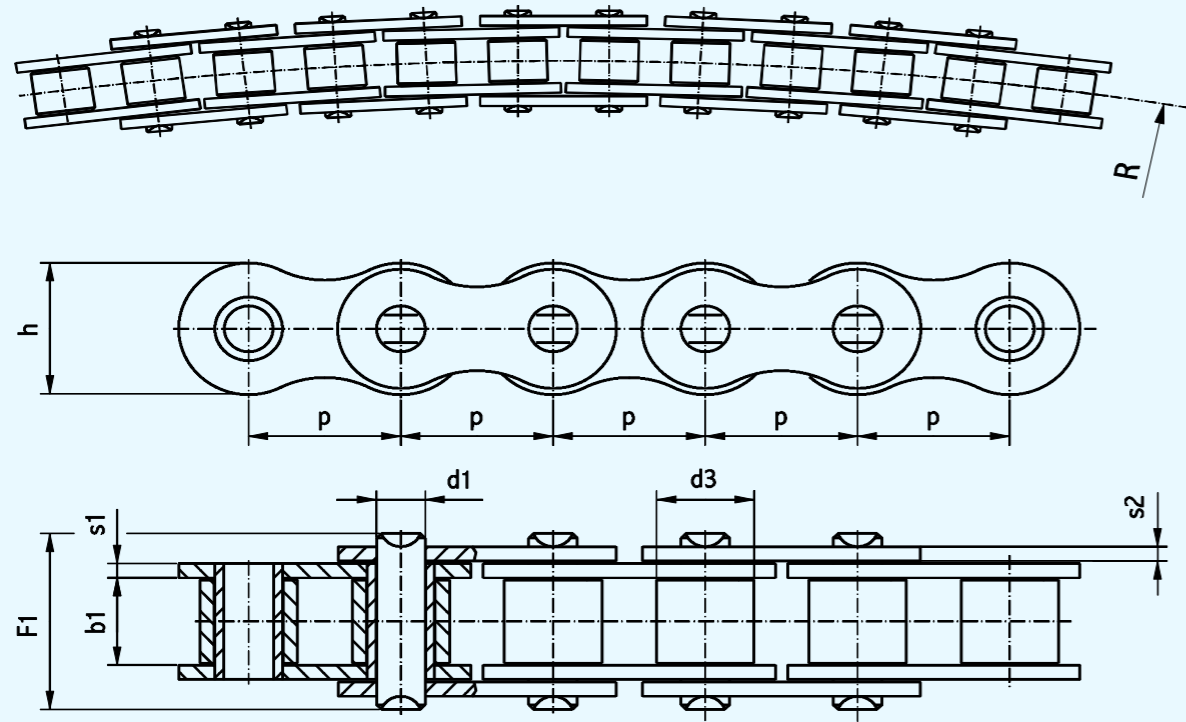
| Zımaş No. | ISO | p mm. | b ₁ mm. | b ₂ mm. | d ₁ mm. | d ₃ mm. | F ₁ mm. | F ₂ mm. | h mm. | s ₁ mm. | s ₂ mm. | FB N | q kg/m | TİP | ANSI No. |
|----------------|-------|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------|--------------------|--------------------|--------|--------|-----|----------|
| Ub-01-01-25,40 | 208 B | 25,40 | 7,75 | 11,50 | 4,45 | 8,51 | 17,00 | 18,00 | 11,80 | 1,60 | 1,60 | 18000 | 0,45 | A | - |
| Ub-01-02-25,40 | 208 B | 25,40 | 7,75 | 11,50 | 4,45 | 8,51 | 17,00 | 18,00 | 11,80 | 1,60 | 1,60 | 18000 | 0,45 | C | - |
| Ub-01-03-31,75 | 210 B | 31,75 | 9,65 | 13,40 | 5,08 | 10,16 | 19,50 | 20,50 | 14,00 | 1,60 | 1,60 | 22400 | 0,65 | A | - |
| Ub-01-04-31,75 | 210 B | 31,75 | 9,65 | 13,40 | 5,08 | 10,16 | 19,50 | 20,50 | 14,00 | 1,60 | 1,60 | 22400 | 0,65 | C | - |
| Ub-01-05-38,10 | 212 B | 38,10 | 11,68 | 15,60 | 5,72 | 12,07 | 22,40 | 24,00 | 16,50 | 1,70 | 1,70 | 29000 | 0,76 | A | - |
| Ub-01-06-38,10 | 212 B | 38,10 | 11,68 | 15,60 | 5,72 | 12,07 | 22,40 | 24,00 | 16,50 | 1,70 | 1,70 | 29000 | 0,76 | C | - |
| Ub-01-07-50,80 | 216 B | 50,80 | 17,02 | 25,50 | 8,28 | 15,88 | 36,00 | 37,50 | 21,00 | 4,00 | 4,00 | 60000 | 1,75 | A | - |
| Ub-01-08-50,80 | 216 B | 50,80 | 17,02 | 25,50 | 8,28 | 15,88 | 36,00 | 37,50 | 21,00 | 4,00 | 4,00 | 60000 | 1,75 | C | - |
| Ub-01-09-63,50 | 220 B | 63,50 | 19,56 | 28,50 | 10,17 | 19,05 | 41,50 | 45,00 | 26,20 | 4,00 | 4,00 | 95000 | 1,95 | A | - |
| Ub-01-10-63,50 | 220 B | 63,50 | 19,56 | 28,50 | 10,17 | 19,05 | 41,50 | 45,00 | 26,20 | 4,00 | 4,00 | 95000 | 1,95 | C | - |
| Ub-01-11-76,20 | 224 B | 76,20 | 25,40 | 37,40 | 14,63 | 25,40 | 54,00 | 58,00 | 33,00 | 5,50 | 5,50 | 160000 | 4,50 | A | - |
| Ub-01-12-76,20 | 224 B | 76,20 | 25,40 | 37,40 | 14,63 | 25,40 | 54,00 | 58,00 | 33,00 | 5,50 | 5,50 | 160000 | 4,50 | C | - |

| | | | | | | | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|--------|------|---|---------|
| Ub-02-01-25,40 | 208 A | 25,40 | 7,95 | 11,50 | 3,96 | 7,92 | 17,00 | 18,50 | 12,00 | 1,60 | 1,60 | 14100 | 0,42 | A | A 2040 |
| Ub-02-02-25,40 | 208 A | 25,40 | 7,95 | 11,50 | 3,96 | 7,92 | 17,00 | 18,50 | 12,00 | 1,60 | 1,60 | 14100 | 0,42 | C | C 2040H |
| Ub-02-03-31,75 | 210 A | 31,75 | 9,53 | 14,10 | 5,08 | 10,16 | 21,00 | 22,50 | 14,00 | 2,00 | 2,00 | 22200 | 0,70 | A | A 2050 |
| Ub-02-04-31,75 | 210 A | 31,75 | 9,53 | 14,10 | 5,08 | 10,16 | 21,00 | 22,50 | 14,00 | 2,00 | 2,00 | 22200 | 0,70 | C | C 2050H |
| Ub-02-05-38,10 | 212 A | 38,10 | 12,70 | 18,00 | 5,94 | 11,91 | 25,80 | 27,50 | 18,00 | 2,40 | 2,40 | 31800 | 1,00 | A | A 2060 |
| Ub-02-06-38,10 | 212 A | 38,10 | 12,70 | 18,00 | 5,94 | 11,91 | 25,80 | 27,50 | 18,00 | 2,40 | 2,40 | 31800 | 1,00 | C | C 2060H |
| Ub-02-07-50,80 | 216 A | 50,80 | 15,88 | 22,50 | 7,92 | 15,88 | 33,50 | 34,50 | 24,10 | 3,00 | 3,00 | 56700 | 1,70 | A | A 2080 |
| Ub-02-08-50,80 | 216 A | 50,80 | 15,88 | 22,50 | 7,92 | 15,88 | 33,50 | 34,50 | 24,00 | 3,00 | 3,00 | 56700 | 1,70 | C | C 2080H |
| Ub-02-08-50,82 | 220 A | 63,50 | 19,05 | 27,80 | 9,53 | 19,05 | 41,10 | 45,00 | 29,00 | 4,00 | 4,00 | 88600 | 2,55 | C | C 2100H |
| Ub-02-08-50,84 | 224 A | 76,20 | 25,40 | 36,40 | 11,10 | 22,22 | 52,00 | 57,00 | 36,00 | 5,00 | 5,00 | 127000 | 3,50 | C | C 2120H |

| | | | | | | | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|--------|------|----|---------|
| Ub-02-04-31,75 | 210 A | 31,75 | 9,53 | 14,10 | 5,08 | 19,05 | 21,00 | 22,50 | 14,00 | 2,00 | 2,00 | 22200 | 0,70 | C2 | C 2052H |
| Ub-02-06-38,10 | 212 A | 38,10 | 12,70 | 18,00 | 5,94 | 22,23 | 25,80 | 27,50 | 18,00 | 2,40 | 2,40 | 31800 | 1,00 | C2 | C 2062H |
| Ub-02-08-50,80 | 216 A | 50,80 | 15,88 | 22,50 | 7,92 | 28,58 | 33,50 | 34,50 | 24,00 | 3,00 | 3,00 | 56700 | 1,70 | C2 | C 2082H |
| Ub-02-08-50,82 | 220 A | 63,50 | 19,05 | 27,80 | 9,53 | 39,68 | 41,10 | 45,00 | 29,00 | 4,00 | 4,00 | 88600 | 2,55 | C2 | C 2102H |
| Ub-02-08-50,84 | 224 A | 76,20 | 25,40 | 36,40 | 11,10 | 44,45 | 52,00 | 57,00 | 36,00 | 5,00 | 5,00 | 127000 | 3,50 | C2 | C 2122H |



| Zimaş No. | ISO | p mm. | b ₁ mm. | d ₁ mm. | d ₃ mm. | F ₁ mm. | h mm. | s ₁ mm. | s ₂ mm. | R mm. | F _B N | q kg/m | |
|-----------------|-----|--------|--------------------|--------------------|--------------------|--------------------|-------|--------------------|--------------------|-------|------------------|--------|------|
| Yy-01-01-9,525 | ** | 06 B1 | 9,525 | 5,72 | 3,28 | 6,35 | 13,50 | 8,30 | 1,30 | 1,30 | 195 | 9100 | 0,39 |
| Yy-01-02-12,70 | */* | 08 B1 | 12,70 | 7,75 | 3,96 | 8,51 | 18,90 | 11,80 | 1,60 | 1,60 | 400 | 18200 | 0,69 |
| Yy-01-03-12,70 | * | 08 A1 | 12,70 | 7,95 | 3,64 | 7,92 | 16,50 | 11,80 | 1,60 | 1,60 | 400 | 14100 | 0,61 |
| Yy-01-04-15,875 | * | 10 B1 | 15,875 | 9,65 | 4,45 | 10,16 | 19,50 | 14,60 | 1,60 | 1,60 | 450 | 22700 | 0,85 |
| Yy-01-05-15,875 | */* | 10 A1 | 15,875 | 9,53 | 4,45 | 10,16 | 21,00 | 14,60 | 2,00 | 2,00 | 450 | 22200 | 1,05 |
| Yy-01-06-19,05 | * | 12 B1 | 19,05 | 11,68 | 5,72 | 12,07 | 22,70 | 16,00 | 1,80 | 1,70 | 650 | 29500 | 1,18 |
| Yy-01-07-19,05 | */* | 12 A1 | 19,05 | 12,70 | 5,08 | 11,91 | 26,80 | 16,00 | 2,40 | 2,40 | 500 | 31800 | 1,48 |
| Yy-01-08-25,40 | */* | 16 B1 | 25,40 | 17,02 | 8,28 | 15,88 | 36,20 | 21,30 | 4,00 | 3,00 | 750 | 58000 | 2,50 |
| Yy-01-09-25,40 | * | 16 A1 | 25,40 | 15,88 | 7,92 | 15,88 | 32,70 | 24,00 | 3,00 | 3,00 | 910 | 56700 | 2,43 |
| Yy-01-10-31,75 | ** | C 2050 | 31,75 | 9,53 | 4,45 | 10,16 | 21,00 | 2,00 | 2,00 | 650 | 22200 | 0,70 | |
| Yy-01-11-38,10 | * | 24 A1 | 38,10 | 25,40 | 11,10 | 22,22 | 53,00 | 36,50 | 5,00 | 5,00 | 2000 | 127000 | 5,50 |



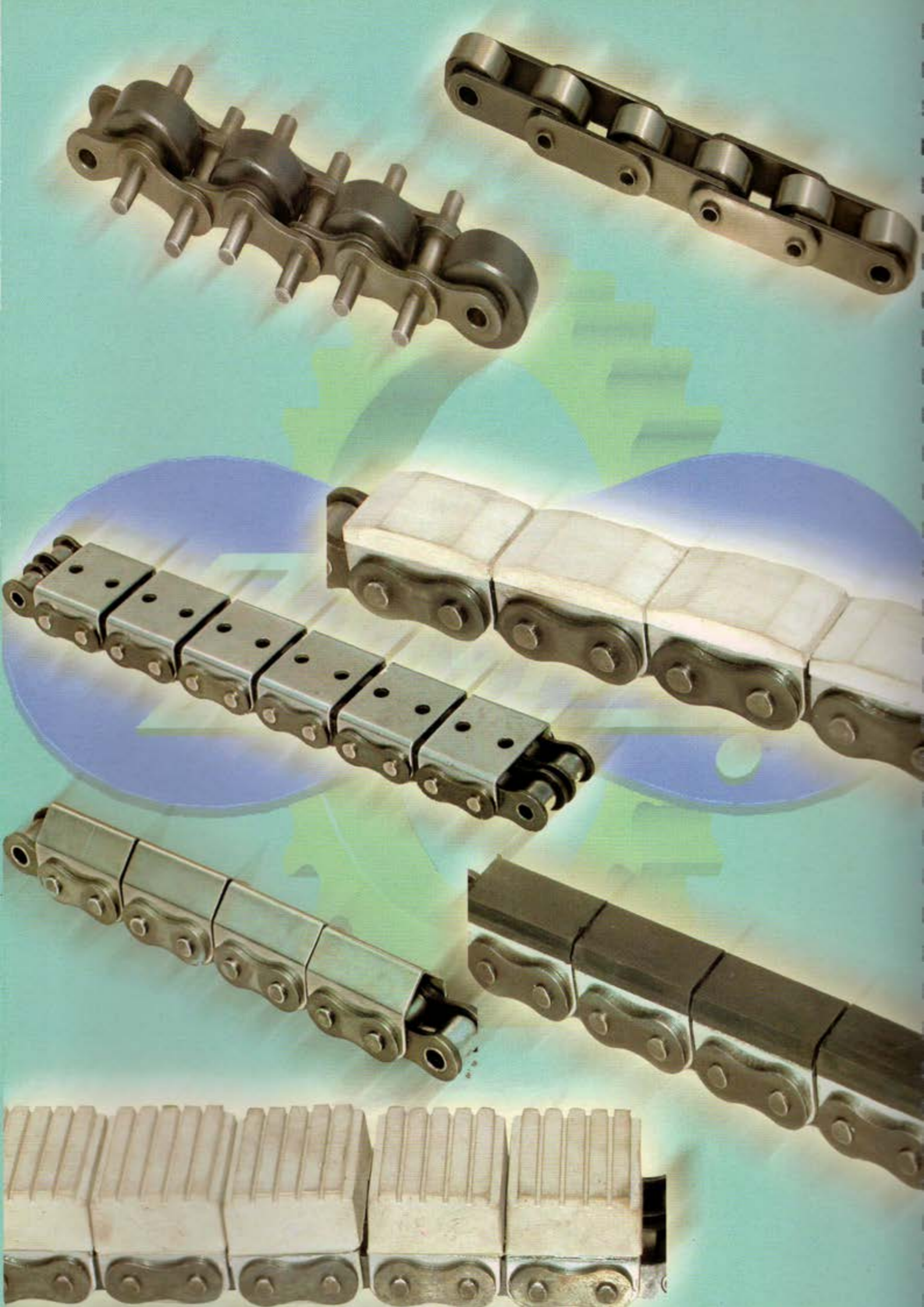
* Formlu bakla olarak üretelimiz.

* Unsere geformten Laschen Produktion

** Düz formlu bakla olarak üretelimiz.

** Unsere gerade geformten Laschen Produktion

MAKARALI ZİNCİRLER
ROLLENKETTEN
ROLLER CHAINS



| | DIN | ISO | Sayfa |
|--|-----|-----|---------|
| Makaralı U-Köprülü Zincirler (Norm Harici) | - | - | C - 1.2 |
| Lastik Kaplamalı U-Köprülü Zincirler (Norm Harici) | - | - | C - 2.1 |
| Lastik Kaplamalı U-Köprülü Zincirler (Norm Harici) | - | - | C - 2.2 |
| Lastik Kaplamalı U-Köprülü Zincirler (Norm Harici) | - | - | C - 3.1 |
| Dıştan Makaralı Zincirler | - | - | C - 3.2 |
| Dıştan Makaralı Zincirler | - | - | C - 4.1 |
| Pim Makaralı Zincirler (Norm Harici) | - | - | C - 4.2 |
| Pim Makaralı Zincirler (Norm Harici) | - | - | C - 5.1 |
| Pim Makaralı Zincirler (Norm Harici) | - | - | C - 5.2 |
| Pim Makaralı Zincirler (Norm Harici) | - | - | C - 6.1 |

| | DIN | ISO | Seite |
|--|-----|-----|---------|
| Rollenketten Mit U-Bugeln (Werksnorm) | - | - | C - 1.2 |
| Rollenketten Mit Gummiprofilen (Werksnorm) | - | - | C - 2.1 |
| Rollenketten Mit Gummiprofilen (Werksnorm) | - | - | C - 2.2 |
| Rollenketten Mit Gummiprofilen (Werksnorm) | - | - | C - 3.1 |
| Stauförderketten | - | - | C - 3.2 |
| Stauförderketten | - | - | C - 4.1 |
| Hohlbolzenketten (Werksnorm) | - | - | C - 4.2 |
| Hohlbolzenketten (Werksnorm) | - | - | C - 5.1 |
| Hohlbolzenketten (Werksnorm) | - | - | C - 5.2 |
| Hohlbolzenketten (Werksnorm) | - | - | C - 6.1 |

| | DIN | ISO | Page |
|--|-----|-----|---------|
| Roller Chains With U-Profile (to Works' standard) | - | - | C - 1.2 |
| Roller Chains With Rubber Profile (to Works' standard) | - | - | C - 2.1 |
| Roller Chains With Rubber Profile (to Works' standard) | - | - | C - 2.2 |
| Roller Chains With Rubber Profile (to Works' standard) | - | - | C - 3.1 |
| Chains With Outboards Rollers | - | - | C - 3.2 |
| Chains With Outboards Rollers | - | - | C - 4.1 |
| Hollow Pin Chains (to Works' standard) | - | - | C - 4.2 |
| Hollow Pin Chains (to Works' standard) | - | - | C - 5.1 |
| Hollow Pin Chains (to Works' standard) | - | - | C - 5.2 |
| Hollow Pin Chains (to Works' standard) | - | - | C - 6.1 |



Haarve
Teilung
Pitch

İç Genişlik
Lichte Weite
Width

Makara Ø
Rollen Ø
Roller Ø

Bakla Genişliği
Laschenhöhe
Height of Plate Link

Çapraz Haarve
Querteilung
Transverse Pitch

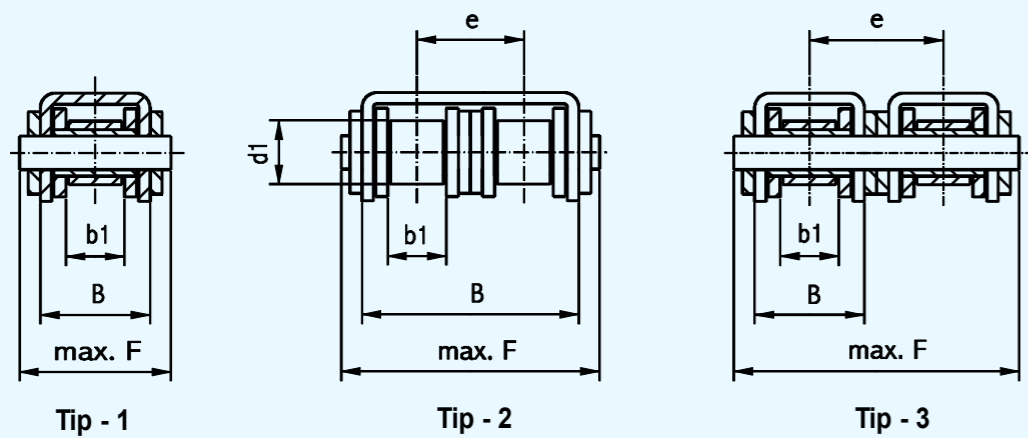
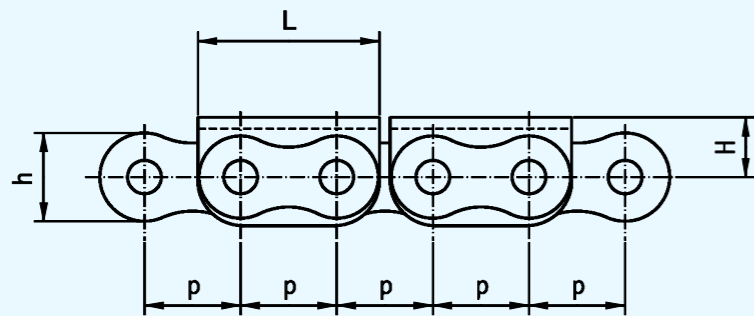
Pim Boyu
Bolzenlänge
Pin Length

| Zımaş No. | DIN ISO | p mm. | b ₁ mm. | d ₁ mm. | h mm. | H mm. | B mm. | L mm. | e mm. | F mm. | TİP |
|-------------------|---------|--------|--------------------|--------------------|-------|-------|-------|-------|-------|-------|-----|
| Uk-01-01-12,70-1 | 08 B1 | 12,70 | 7,75 | 8,51 | 11,80 | 8,00 | 14,50 | 24,00 | - | 20,00 | 1 |
| Uk-01-02-12,70-2 | 08 B2 | 12,70 | 7,75 | 8,51 | 11,80 | 8,30 | 28,40 | 24,00 | 13,92 | 34,00 | 2 |
| Uk-01-03-15,875-1 | 10 B1 | 15,875 | 9,65 | 10,16 | 14,60 | 10,30 | 16,40 | 28,80 | - | 23,30 | 1 |
| Uk-01-04-15,875-2 | 10 B2 | 15,875 | 9,65 | 10,16 | 14,60 | 10,30 | 32,80 | 28,80 | 16,59 | 39,30 | 2 |
| Uk-01-05-19,05-1 | 12 B1 | 19,05 | 11,68 | 12,07 | 16,00 | 13,00 | 19,60 | 35,60 | - | 26,50 | 1 |
| Uk-01-06-19,05-2 | 12 B2 | 19,05 | 11,68 | 12,07 | 16,00 | 11,00 | 32,80 | 35,60 | 19,46 | 45,50 | 2 |
| Uk-01-07-25,40-1 | 16 B1 | 25,40 | 17,02 | 15,88 | 21,30 | 14,80 | 29,10 | 49,00 | - | 40,10 | 1 |
| Uk-01-08-25,40-2 | 16 B2 | 25,40 | 17,02 | 15,88 | 21,30 | 14,80 | 29,10 | 49,00 | 31,88 | 74,80 | 3 |
| Uk-01-09-31,75-1 | 20 B1 | 31,75 | 19,56 | 19,05 | 25,50 | 21 | 35,40 | 57,00 | - | 48,00 | 1 |
| Uk-01-10-38,10-1 | 24 B1 | 38,10 | 25,40 | 25,40 | 33,00 | 28 | 46,00 | 71,00 | - | 62,50 | 1 |

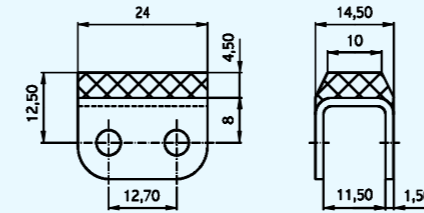
DIN 8187 DIN 8187 DIN 8187

| | | | | | | | | | | | |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|
| Uk-02-01-19,05-1 | 12 A1 | 19,05 | 12,70 | 11,91 | 16,00 | 13,00 | 22,40 | 35,00 | - | 30,60 | 1 |
| Uk-02-02-25,40-1 | 16 A1 | 25,40 | 15,88 | 15,88 | 24,00 | 16,00 | 27,20 | 49,00 | - | 36,50 | 1 |
| Uk-02-03-25,40-2 | 16 A2 | 25,40 | 15,88 | 15,88 | 24,00 | 16,00 | 27,20 | 49,00 | 29,29 | 70,60 | 3 |

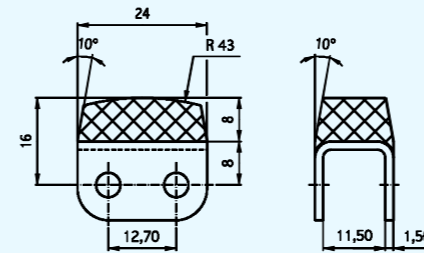
DIN 8188 DIN 8188 DIN 8188



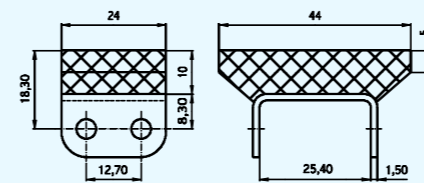
* 08 B1 - LK 1



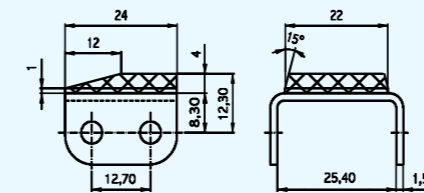
* 08 B1 - LK 4



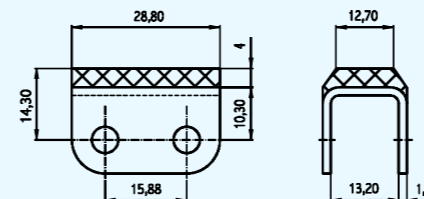
* 08 B2 - LK 2



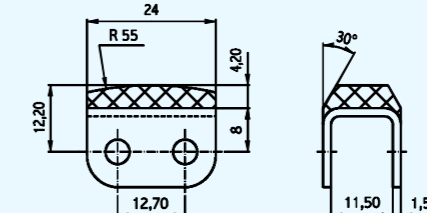
* 08 B2 - LK 5



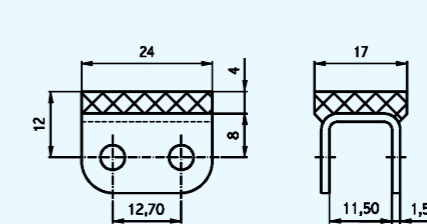
* 10 B1 - LK 3



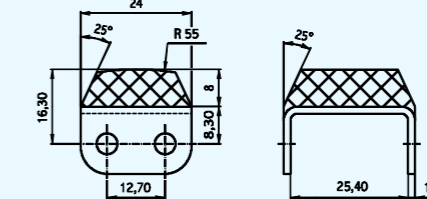
* 08 B1 - LK 2



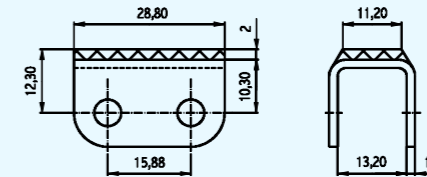
* 08 B1 - LK 5



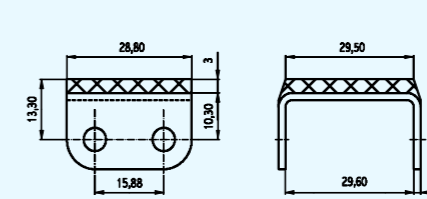
* 08 B2 - LK 3



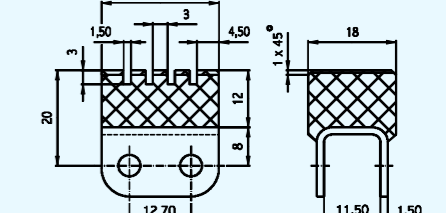
* 10 B1 - LK 1



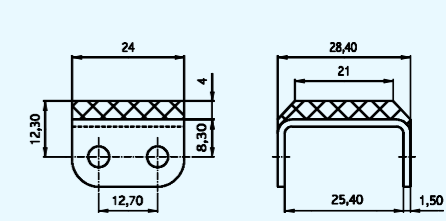
* 10 B2 - LK 1



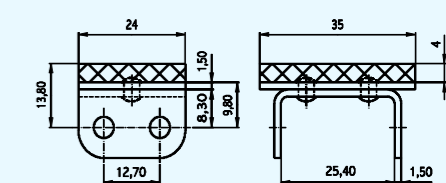
* 08 B1 - LK 3



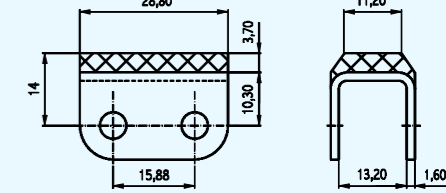
* 08 B2 - LK 1



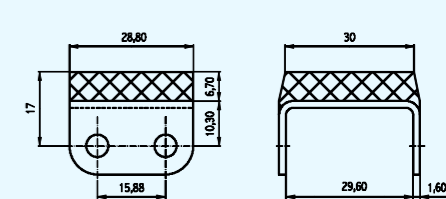
* 08 B2 - LK 4

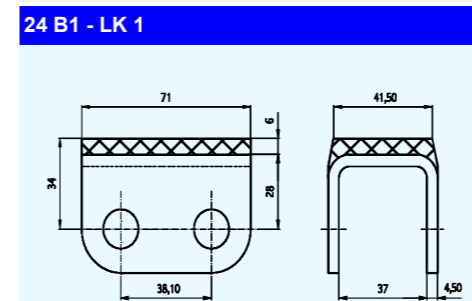
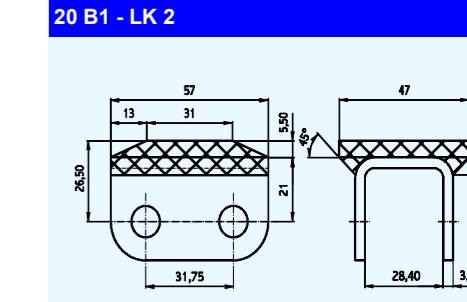
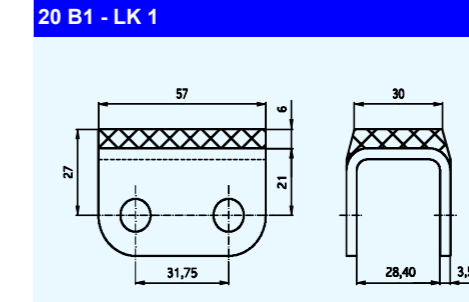
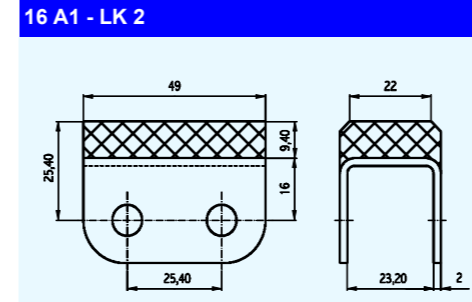
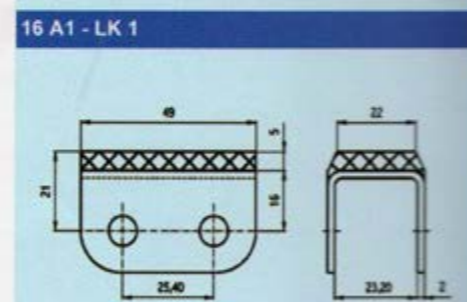
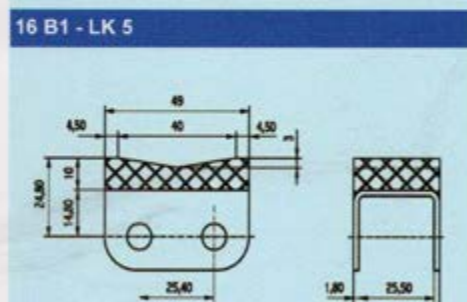
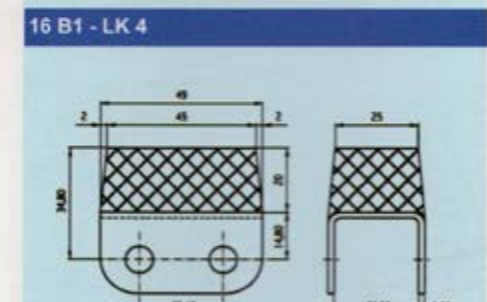
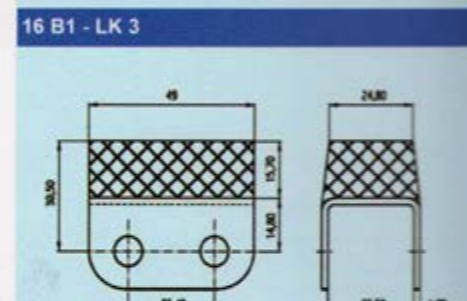
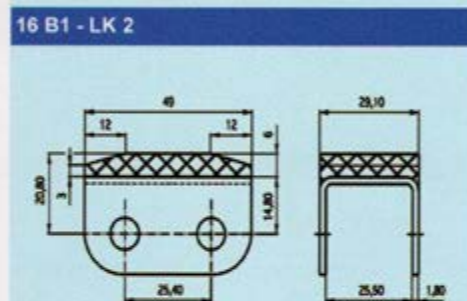
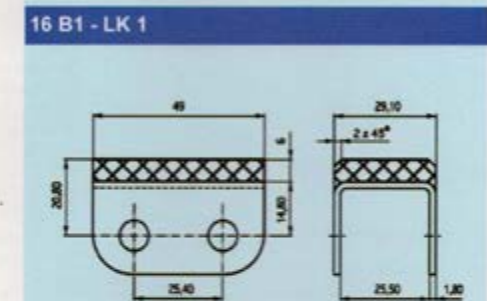
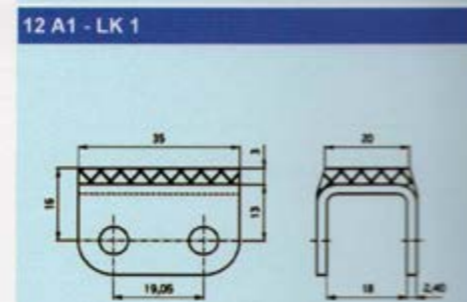
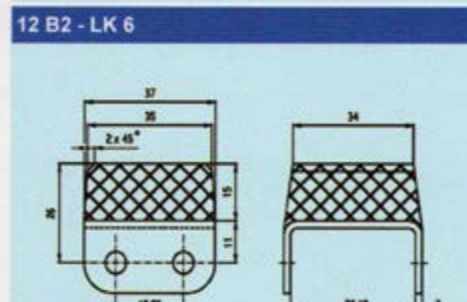
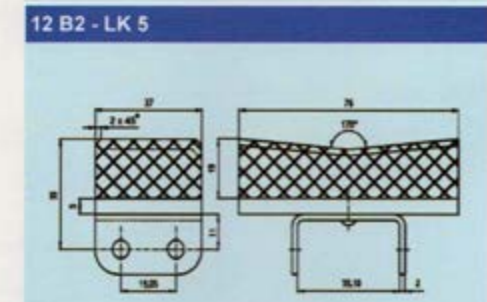
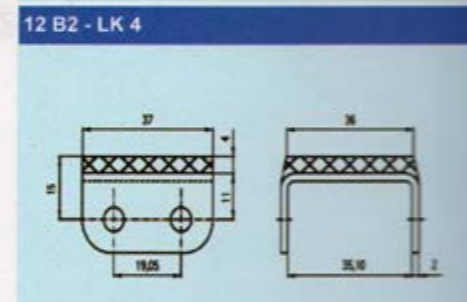
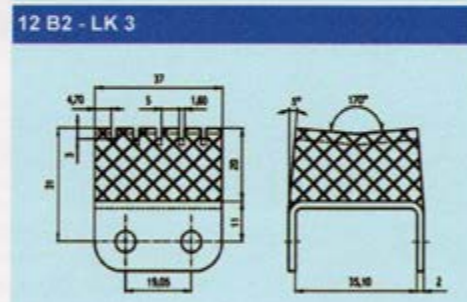
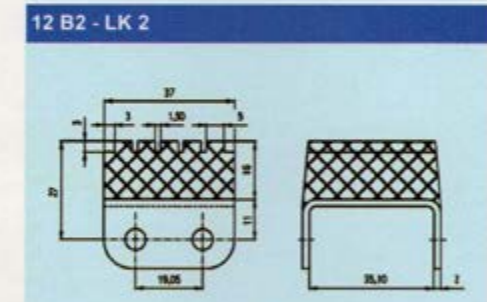
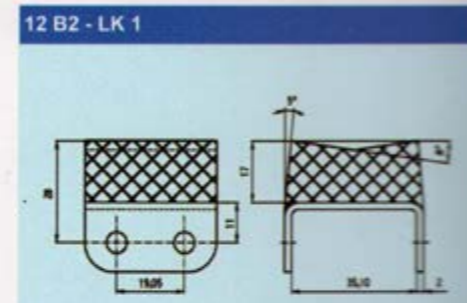
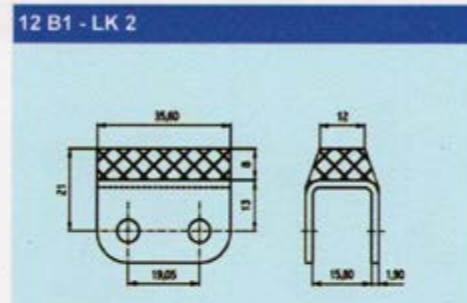
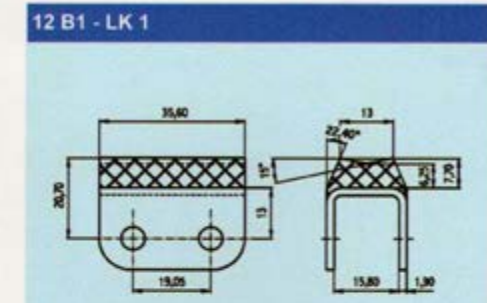


* 10 B1 - LK 2



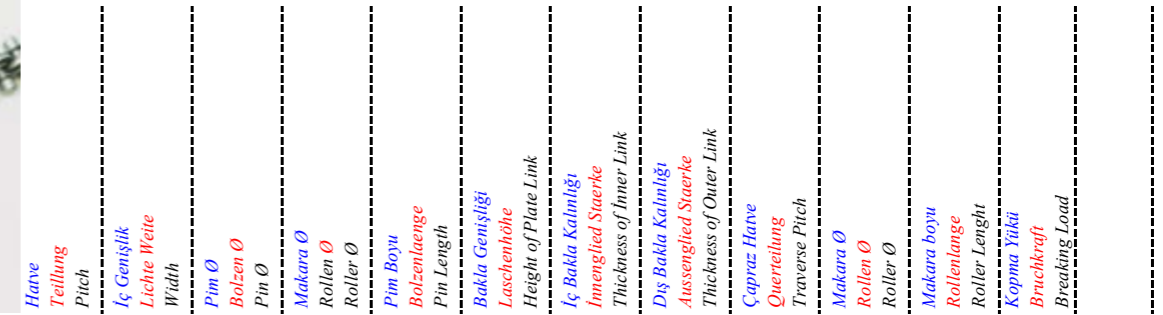
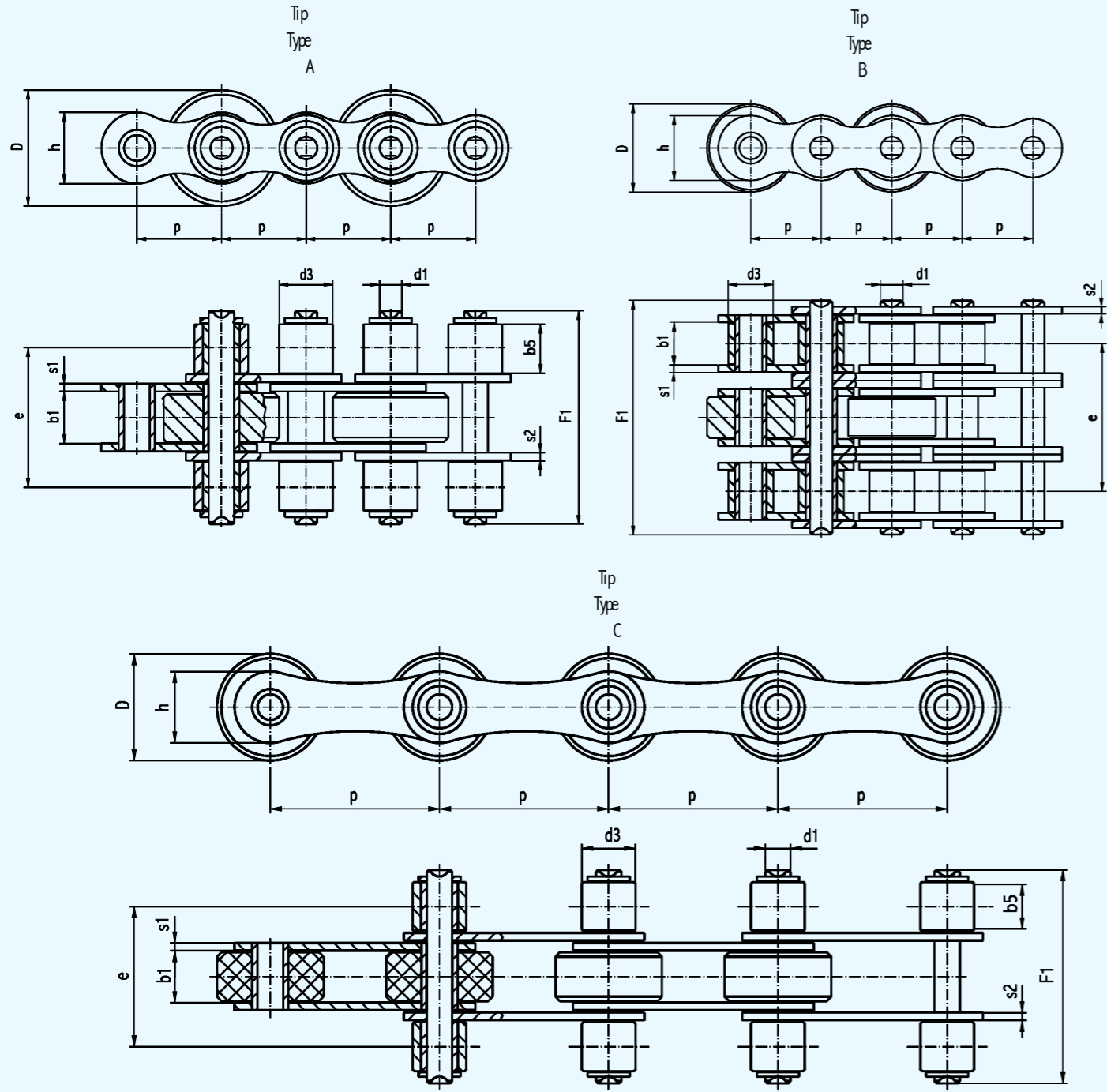
* 10 B2 - LK 2





| | | | |
|---------|----------|-----------|------|
| Zayıf | Schwach | Poor | * |
| Orta | Mittel | Middle | ** |
| İyi | Gut | Good | *** |
| Çok iyi | Sehr gut | Very good | **** |

| KAUÇUK MALZEMESİ GUMMI MATERIAL RUBBER MATERIAL | TABIİ KAUÇUK NATURKAUTSCHUK NATUR RUBBER NR | STİREN BUTADİEN STYROLBUTADIEN STYRENE BUTADIENE SBR | NEOPREN KAUÇUK NEOPRENKAUTSCHUK NEOPREN RUBBER CR | NİTRİL KAUÇUK NİTRILKAUTSCHUK NİTRİL RUBBER NBR |
|---|--|---|--|--|
| Sertlik (min. - max.) | 50 - 70 SHORE | 45 - 75 SHORE | 50 - 75 SHORE | 50 - 75 SHORE |
| Härte (min. - max.) Hardness (min. - max.) | | | | |
| Çalışma sıcaklığı Arbeitswärme Working heat | - 40°C / + 85°C | - 30°C / + 90°C | - 30°C / + 95°C | - 30°C / + 120°C |
| Renk Farbe Colour | siyah / kahve schwarz / braun black / brown | siyah / kahve schwarz / braun black / brown | siyah / kahve / beyaz schwarz / braun / weiß black / brown / white | siyah / kahve schwarz / braun black / brown |
| Kopma dayanımı (kg./cm ²) Bruchkraft (kg./cm ²) Breaking load (kg./cm ²) | 210 | 130 | 180 | 150 |
| Aşınma direnci Abnutzungswiderstand Wear resistance | **** | **** | **** | ** |
| Alev direnci Flammenwiderstand Flame resistance | * | * | **** | * |
| Yağ direnci Schmierwiderstand Grease resistance | * | * | ** | **** |
| Yırtılma direnci Rissfestigkeit Pull resistance | **** | **** | *** | ** |



| Zimaş No. | ISO | p mm. | b ₁ mm. | d ₁ mm. | d ₃ mm. | F ₁ mm. | h mm. | s ₁ mm. | s ₂ mm. | e mm. | D mm. | b ₅ mm. | F _B N | Tip |
|-----------------|-----|-------|--------------------|--------------------|--------------------|--------------------|-------|--------------------|--------------------|-------|-------|--------------------|------------------|-----|
| Dmz-01-01-9,525 | | 9,525 | 5,72 | 3,30 | 6,35 | 34,00 | 8,30 | 1,30 | 1,30 | 20,48 | 9,20 | - | 16000 | B |
| Dmz-01-02-9,525 | | 9,525 | | | | | | | | 20,48 | 15,00 | - | 16000 | B |
| Dmz-01-03-12,70 | | 12,70 | 7,75 | 4,45 | 8,51 | 27,00 | 11,80 | 1,60 | 1,60 | 19,10 | 16,00 | 4,20 | 18000 | A |
| Dmz-01-04-12,70 | | 12,70 | | | | 27,00 | | | | 20,00 | 16,00 | 4,50 | 18000 | A |
| Dmz-01-05-12,70 | | 12,70 | | | | 27,00 | | | | 20,00 | 17,00 | 4,50 | 18000 | A |
| Dmz-01-06-12,70 | | 12,70 | | | | 33,00 | | | | 22,00 | 16,00 | 7,20 | 18000 | A |
| Dmz-01-07-12,70 | | 12,70 | | | | 33,00 | | | | 22,00 | 17,00 | 7,20 | 18000 | A |
| Dmz-01-08-12,70 | | 12,70 | | | | 45,20 | | | | 27,84 | 16,00 | - | 45400 | B |
| Dmz-01-09-12,70 | | 12,70 | | | | 45,20 | | | | 27,84 | 17,00 | - | 45400 | B |
| Dmz-01-10-19,05 | | 19,05 | 11,68 | 5,72 | 12,07 | 48,00 | 16,00 | 1,70 | 1,70 | 31,50 | 24,00 | 11,00 | 29500 | A |
| Dmz-01-11-19,05 | | 19,05 | | | | 48,00 | | | | 31,50 | 26,00 | 11,00 | 29500 | A |
| Dmz-01-12-19,05 | | 19,05 | | | | 48,00 | | | | 31,50 | 28,00 | 11,00 | 29500 | A |
| Dmz-01-13-19,05 | | 19,05 | | | | 61,50 | | | | 38,92 | 24,00 | - | 88500 | B |
| Dmz-01-14-19,05 | | 19,05 | | | | 61,50 | | | | 38,92 | 26,00 | - | 88500 | B |
| Dmz-01-15-19,05 | | 19,05 | | | | 61,50 | | | | 38,92 | 28,00 | - | 88500 | B |
| Dmz-01-16-25,40 | | 25,40 | 17,02 | 8,28 | 15,88 | 66,00 | 21,30 | 4,00 | 3,00 | 44,90 | 15,88 | 12,40 | 58000 | A |
| Dmz-01-17-25,40 | | 25,40 | | | | 66,00 | | | | 44,90 | 38,50 | 12,40 | 58000 | A |
| Dmz-01-18-25,40 | | 25,40 | | | | 99,00 | | | | 63,76 | 38,50 | - | 160000 | B |
| Dmz-01-19-25,40 | | 25,40 | 7,75 | 4,45 | 8,51 | 33,00 | 11,80 | 1,60 | 1,60 | 22 | 18,00 | 7,20 | 18000 | C |
| Dmz-01-20-25,40 | | 25,40 | | | | 33,00 | | | | 22,70 | 24,00 | 7,20 | 18000 | C |
| Dmz-01-21-25,40 | | 25,40 | | | | 33,00 | | | | 22,70 | 26,00 | 7,20 | 18000 | C |
| Dmz-01-22-38,10 | | 38,10 | 11,68 | 5,72 | 12,07 | 48,00 | 16,50 | 1,70 | 1,70 | 31,50 | 24,00 | 11,00 | 29500 | C |
| Dmz-01-23-38,10 | | 38,10 | | | | 48,00 | | | | 31,50 | 26,00 | 11,00 | 29500 | C |
| Dmz-01-24-38,10 | | 38,10 | | | | 48,00 | | | | 31,50 | 28,00 | 11,00 | 29500 | C |
| Dmz-01-25-50,80 | | 50,80 | 17,02 | 8,28 | 15,88 | 65,00 | 21,00 | 4,00 | 3,00 | 44,90 | 38,50 | 12,40 | 58000 | C |
| Dmz-01-26-50,80 | | 50,80 | | | | 65,00 | | | | 44,90 | 40,00 | 12,40 | 58000 | C |
| Dmz-01-27-50,80 | | 50,80 | | | | 65,00 | | | | 44,90 | 50,00 | 12,40 | 58000 | C |

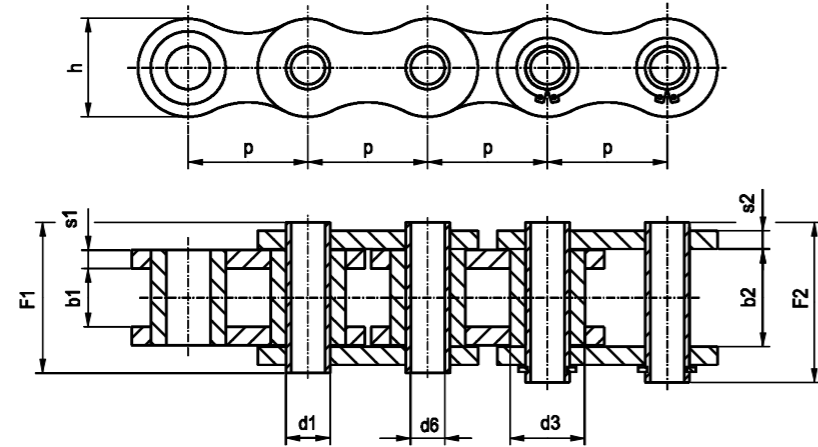
Makaralar (D) Çelik ve Plastik Malzemedene Yapılabilmektedir.

Rollen (D) können aus stahl und kunststoff produziert werden.

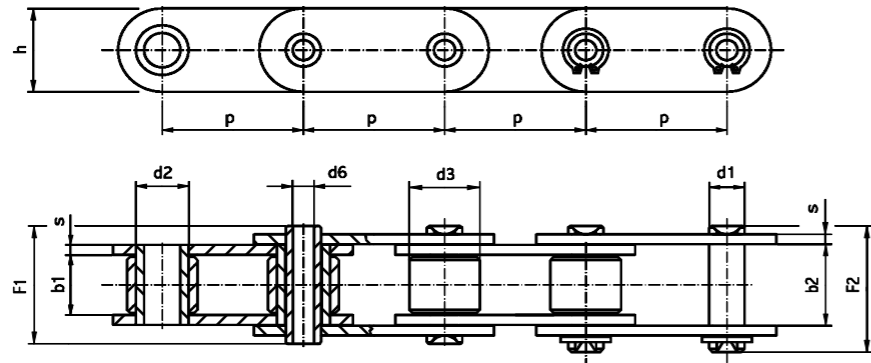
Rollers (D) are available to produce from steel and plastic.



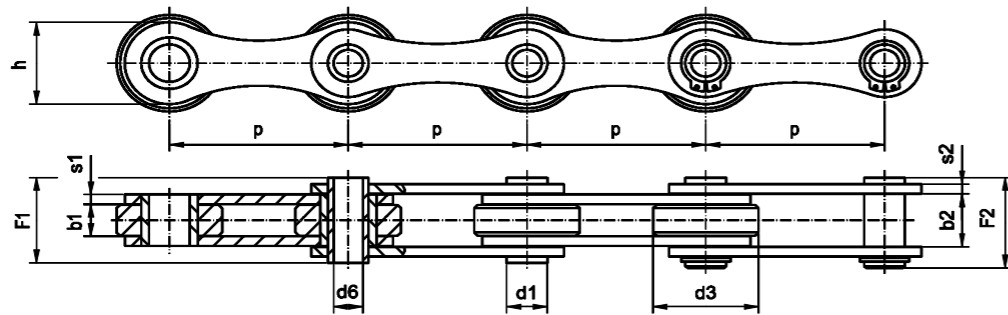
Tip 1



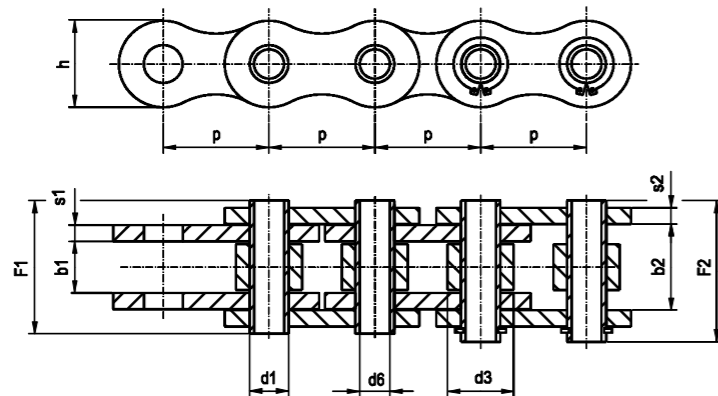
Tip 2



Tip 3



Tip 4



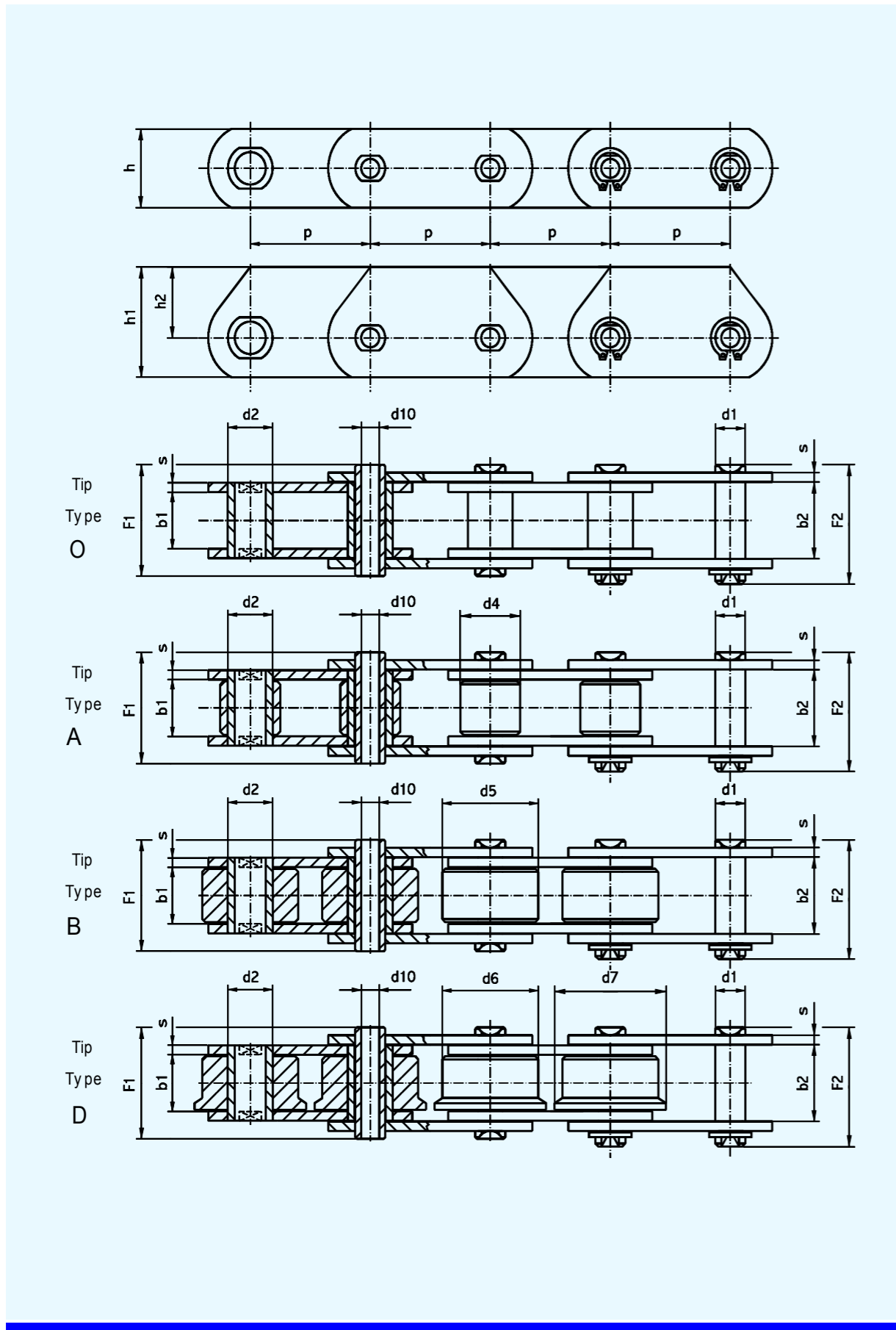
| Zimaş No. | ISO | p mm. | b ₁ mm. | b ₂ mm. | d ₁ mm. | d ₃ mm. | d ₆ mm. | F ₁ mm. | F ₂ mm. | h mm. | s ₁ mm. | s ₂ mm. | Tip | F _B N | q kg/m |
|-----------------|-------|--------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------|--------------------|--------------------|-----|------------------|--------|
| Pm-03-01-12,70 | 08 B | 12,70 | 7,75 | 11,50 | 6,20 | 8,51 | 4,50 | 17,00 | 18,00 | 11,80 | 1,60 | 1,60 | 1 | 10000 | 0,65 |
| Pm-03-02-12,70 | HP 40 | 12,70 | 7,95 | 11,50 | 5,55 | 7,92 | 4,00 | 17,20 | 18,20 | 11,80 | 1,60 | 1,60 | 1 | 10800 | 0,53 |
| Pm-03-03-15,875 | HP 50 | 15,875 | 9,53 | 14,10 | 7,05 | 10,16 | 5,10 | 21,00 | 22,00 | 14,60 | 2,00 | 2,00 | 1 | 19600 | 0,86 |
| Pm-03-04-19,05 | HP 60 | 19,05 | 12,70 | 18,00 | 8,15 | 11,91 | 5,98 | 26,00 | 27,20 | 16,00 | 2,40 | 2,40 | 1 | 26500 | 1,27 |

| Zimaş No. | ISO | p mm. | b ₁ mm. | b ₂ mm. | d ₁ mm. | d ₃ mm. | d ₆ mm. | F ₁ mm. | F ₂ mm. | h mm. | s ₁ mm. | s ₂ mm. | Tip | F _B N | q kg/m |
|----------------|---------|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------|--------------------|--------------------|-----|------------------|--------|
| Pm-04-01-25,40 | HP 2040 | 25,40 | 7,95 | 11,50 | 5,55 | 7,92 | 4,00 | 17,20 | 18,20 | 11,80 | 1,60 | 1,60 | 2 | 11000 | 0,40 |
| Pm-04-02-31,75 | HP 2050 | 31,75 | 9,53 | 14,10 | 7,05 | 10,16 | 5,10 | 21,00 | 22,00 | 15 | 2,00 | 2,00 | 2 | 19600 | 0,70 |
| Pm-04-03-31,75 | HP 2052 | 31,75 | 9,53 | 14,10 | 7,05 | 19,05 | 5,10 | 21,00 | 22,00 | 15 | 2,00 | 2,00 | 2 | 19600 | 1,29 |
| Pm-04-04-38,10 | HP 2060 | 38,10 | 12,70 | 18,00 | 8,15 | 11,91 | 5,98 | 26,00 | 27,20 | 18 | 2,40 | 2,40 | 2 | 26500 | 1,40 |
| Pm-04-05-38,10 | HP 2062 | 38,10 | 12,70 | 18,00 | 8,15 | 22,22 | 5,98 | 26,00 | 27,20 | 18 | 2,40 | 2,40 | 2 | 26500 | 2,03 |

| Zimaş No. | ISO | p mm. | b ₁ mm. | b ₂ mm. | d ₁ mm. | d ₃ mm. | d ₆ mm. | F ₁ mm. | F ₂ mm. | h mm. | s ₁ mm. | s ₂ mm. | Tip | F _B N | q kg/m |
|-----------------|----------|--------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------|--------------------|--------------------|-----|------------------|--------|
| Pm-05-01-50,00 | HB 50 | 50,00 | 10,00 | 16,50 | 11,60 | 30,00 | 8,20 | 26,50 | 28,50 | 25,40 | 3,00 | 3,00 | 3 | 35000 | 2,25 |
| Pm-05-02-50,80 | HB 50,80 | 50,80 | 10,00 | 16,50 | 11,60 | 30,00 | 8,20 | 26,50 | 28,50 | 25,40 | 3,00 | 3,00 | 3 | 35000 | 2,20 |
| Pm-05-03-63,00 | HB 63 | 63,00 | 10,00 | 16,50 | 11,60 | 30,00 | 8,20 | 26,50 | 28,50 | 25,40 | 3,00 | 3,00 | 3 | 35000 | 2,00 |
| Pm-05-04-100,00 | HB 100 | 100,00 | 10,00 | 16,50 | 11,60 | 30,00 | 8,20 | 26,50 | 28,50 | 25,40 | 3,00 | 3,00 | 3 | 35000 | 1,50 |

| Zimaş No. | ISO | p mm. | b ₁ mm. | b ₂ mm. | d ₁ mm. | d ₃ mm. | d ₆ mm. | F ₁ mm. | F ₂ mm. | h mm. | s ₁ mm. | s ₂ mm. | Tip | F _B N | q kg/m |
|-----------------|------|--------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------|--------------------|--------------------|-----|------------------|--------|
| Pm-06-01-12,70 | 08 B | 12,70 | 7,75 | 11,50 | 6,20 | 8,51 | 4,50 | 17,00 | 18,00 | 11,80 | 1,60 | 1,60 | 4 | 10000 | 0,65 |
| Pm-06-02-15,875 | 10 A | 15,875 | 9,53 | 14,10 | 7,05 | 10,16 | 5,10 | 21,00 | 22,00 | 14,60 | 2,00 | 2,00 | 4 | 15000 | 0,86 |
| Pm-06-03-19,05 | 12 B | 19,05 | 11,68 | 16,50 | 8,15 | 12,07 | 5,00 | 21,00 | 23,00 | 16,00 | 1,70 | 1,70 | 4 | 25000 | 1,27 |
| Pm-06-04-19,05 | 12 A | 19,05 | 12,70 | 18 | 8,15 | 11,91 | 5,98 | 26,00 | 27,20 | 16,00 | 2,40 | 2,40 | 4 | 25000 | 1,27 |
| Pm-06-05-25,40 | 16 B | 25,40 | 17,02 | 25,50 | 11,60 | 15,88 | 8,30 | 36,00 | 37,00 | 21,30 | 3,00 | 3,00 | 4 | 30000 | 1,20 |

| Zimaş No. | ISO | p mm. | b ₁ mm. | b ₂ mm. | d ₁ mm. | d ₃ mm. | d ₆ mm. | F ₁ mm. | F ₂ mm. | h mm. | s ₁ mm. | s ₂ mm. | Tip | F _B N | q kg/m |
|-----------------|-----|--------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------|--------------------|--------------------|-----|------------------|--------|
| Pm-07-01-50,00 | - | 50,00 | 10,00 | 17,00 | 11,60 | 30,00 | 8,20 | 27,00 | 29,00 | 25,40 | 3,00 | 3,00 | 3 | 35000 | 2,25 |
| Pm-07-02-50,80 | - | 50,80 | 10,00 | 17,00 | 11,60 | 30,00 | 8,20 | 27,00 | 29,00 | 25,40 | 3,00 | 3,00 | 3 | 35000 | 2,20 |
| Pm-07-03-63,00 | - | 63,00 | 10,00 | 17,00 | 11,60 | 30,00 | 8,20 | 27,00 | 29,00 | 26,00 | 3,00 | 3,00 | 3 | 35000 | 2,00 |
| Pm-07-04-63,50 | - | 63,50 | 10,00 | 17,00 | 11,60 | 30,00 | 8,20 | 27,00 | 29,00 | 26,00 | 3,00 | 3,00 | 3 | 35000 | 1,95 |
| Pm-07-05-76,20 | - | 76,20 | 10,00 | 17,00 | 11,60 | 30,00 | 8,20 | 27,00 | 29,00 | 26,00 | 3,00 | 3,00 | 3 | 35000 | 1,90 |
| Pm-07-06-100,00 | - | 100,00 | 10,00 | 17,00 | 11,60 | 30,00 | 8,20 | 27,00 | 29,00 | 26,00 | 3,00 | 3,00 | 3 | 35000 | 1,50 |
| Pm-07-07-101,60 | - | 101,60 | 10,00 | 17,00 | 11,60 | 30,00 | 8,20 | 27,00 | 29,00 | 26,00 | 3,00 | 3,00 | 3 | 35000 | 1,50 |



| ZİMAŞ No. | ISO | p mm. | b ₁ mm. | b ₂ mm. | d ₁ mm. | d ₂ mm. O | d ₃ mm. A | d ₄ mm. B | d ₅ /d ₆ mm. D | d ₇ mm. | e mm. | F ₁ mm. | F ₂ mm. | h mm. | s mm. | F _{Bh} N min. |
|--------------|--------|----------|-----------------------|-----------------------|-----------------------|----------------------------|----------------------------|----------------------------|--|-----------------------|----------|-----------------------|-----------------------|----------|----------|------------------------------|
| Pm-08-01-50 | HP 40 | 50 | 17 | 26 | 12 | 18 | 26 | 45 | 45/55 | 8,20 | 4,50 | 38 | 39,50 | 30 | 4 | 40000 |
| Pm-08-01-75 | | 75 | | | | | | | | | | | | | | |
| Pm-08-01-100 | | 100 | | | | | | | | | | | | | | |
| Pm-08-01-125 | | 125 | | | | | | | | | | | | | | |
| Pm-08-01-150 | | 150 | | | | | | | | | | | | | | |
| Pm-08-02-75 | HP 50 | 75 | 22 | 31 | 14 | 20 | 30 | 50 | 50/65 | 10,20 | 5 | 43 | 44,5 | 35 | 4 | 50000 |
| Pm-08-02-100 | | 100 | | | | | | | | | | | | | | |
| Pm-08-02-125 | | 125 | | | | | | | | | | | | | | |
| Pm-08-02-150 | | 150 | | | | | | | | | | | | | | |
| Pm-08-02-200 | | 200 | | | | | | | | | | | | | | |
| Pm-08-03-75 | HP 60 | 75 | 25 | 36 | 16 | 22 | 32 | 60 | 60/75 | 11,20 | 6,50 | 52 | 53,50 | 35 | 5 | 60000 |
| Pm-08-03-100 | | 100 | | | | | | | | | | | | | | |
| Pm-08-03-125 | | 125 | | | | | | | | | | | | | | |
| Pm-08-03-150 | | 150 | | | | | | | | | | | | | | |
| Pm-08-03-200 | | 200 | | | | | | | | | | | | | | |
| Pm-08-04-100 | HP 80 | 100 | 28 | 41 | 18 | 26 | 36 | 60 | 60/75 | 12,20 | 7 | 59 | 60,50 | 40 | 6 | 80000 |
| Pm-08-04-125 | | 125 | | | | | | | | | | | | | | |
| Pm-08-04-150 | | 150 | | | | | | | | | | | | | | |
| Pm-08-04-200 | | 200 | | | | | | | | | | | | | | |
| Pm-08-04-250 | | 250 | | | | | | | | | | | | | | |
| Pm-08-05-100 | HP 100 | 100 | 30 | 43 | 20 | 30 | 42 | 70 | 70/85 | 14,20 | 7,50 | 61 | 62,50 | 50 | 6 | 100000 |
| Pm-08-05-125 | | 125 | | | | | | | | | | | | | | |
| Pm-08-05-150 | | 150 | | | | | | | | | | | | | | |
| Pm-08-05-200 | | 200 | | | | | | | | | | | | | | |
| Pm-08-05-250 | | 250 | | | | | | | | | | | | | | |
| Pm-08-06-100 | HP 120 | 100 | 35 | 50 | 20 | 30 | 42 | 70 | 70/85 | 14,20 | 9 | 70 | 71,50 | 50 | 7 | 120000 |
| Pm-08-06-125 | | 125 | | | | | | | | | | | | | | |
| Pm-08-06-150 | | 150 | | | | | | | | | | | | | | |
| Pm-08-06-200 | | 200 | | | | | | | | | | | | | | |
| Pm-08-06-250 | | 250 | | | | | | | | | | | | | | |
| Pm-08-07-100 | HP 150 | 100 | 38 | 55,50 | 22 | 32 | 42 | 70 | 70/85 | 16,20 | 9 | 79,50 | 81,30 | 50 | 8 | 150000 |
| Pm-08-07-125 | | 125 | | | | | | | | | | | | | | |
| Pm-08-07-150 | | 150 | | | | | | | | | | | | | | |
| Pm-08-07-200 | | 200 | | | | | | | | | | | | | | |
| Pm-08-07-250 | | 250 | | | | | | | | | | | | | | |
| Pm-08-08-125 | HP 180 | 125 | 42 | 59,50 | 26 | 36 | 50 | 80 | 80/100 | 18,20 | 9,50 | 83,50 | 85,30 | 60 | 8 | 180000 |
| Pm-08-08-150 | | 150 | | | | | | | | | | | | | | |
| Pm-08-08-200 | | 200 | | | | | | | | | | | | | | |
| Pm-08-08-250 | | 250 | | | | | | | | | | | | | | |
| Pm-08-08-300 | | 300 | | | | | | | | | | | | | | |



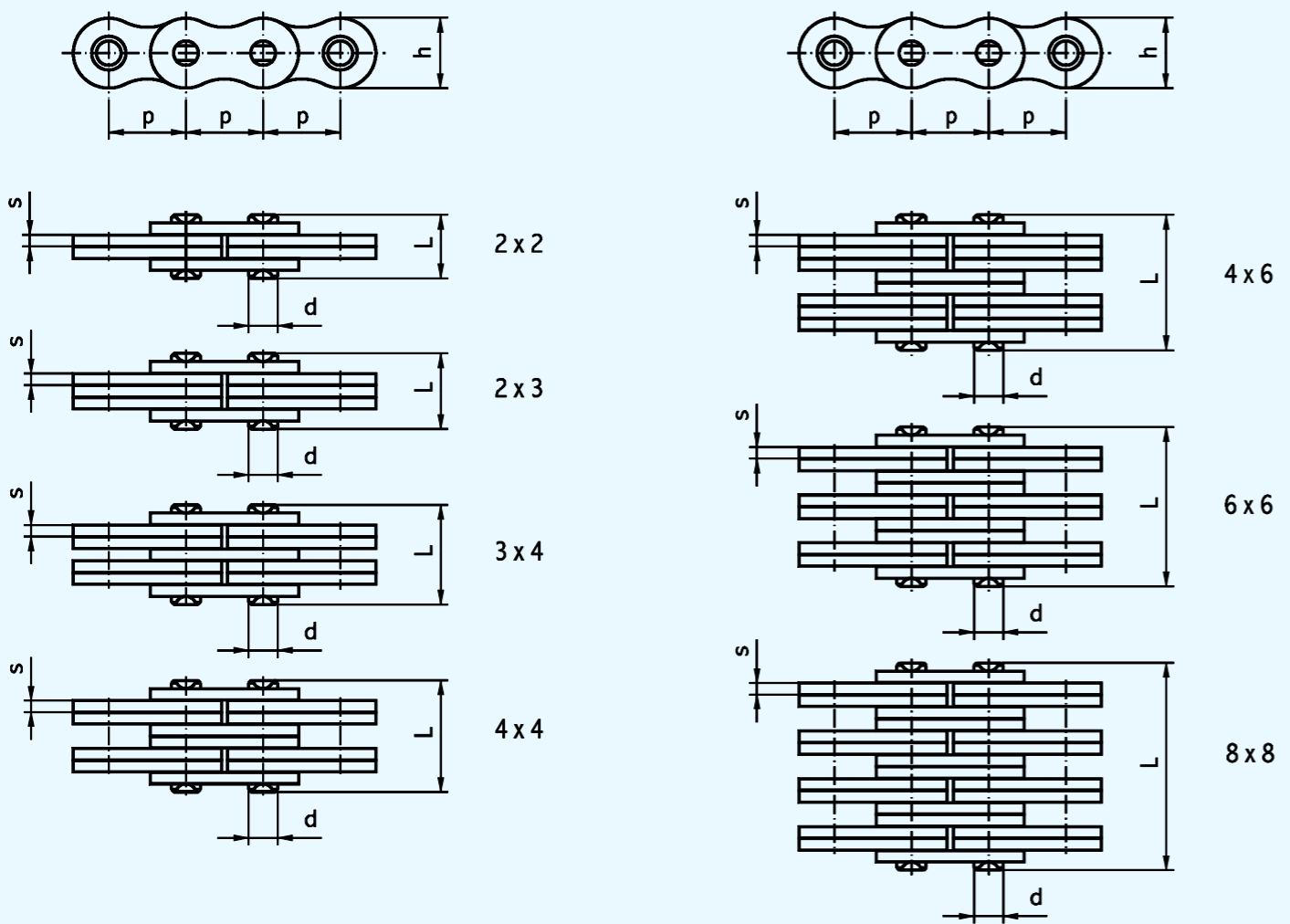
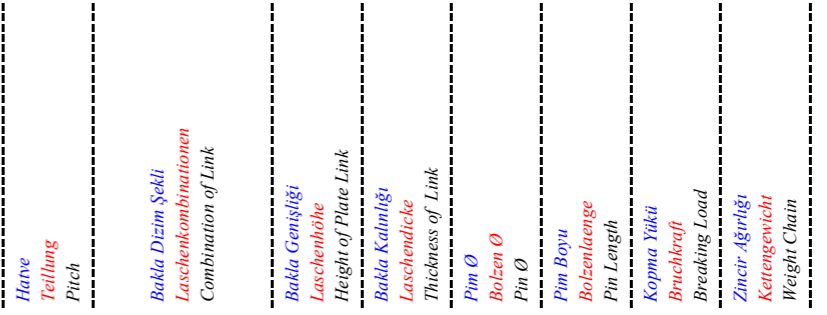
ZİİNAS

FLEYER – SABİT BURÇLU – GALL – APL ZİNCİRLERİ
FLYERKETTEN – BUCHSENKETTEN – GALLKETTEN – ROTARYKETTEN
LEAF CHAINS – BUSH CHAINS – GALLE CHAINS – ROTARY API CHAINS

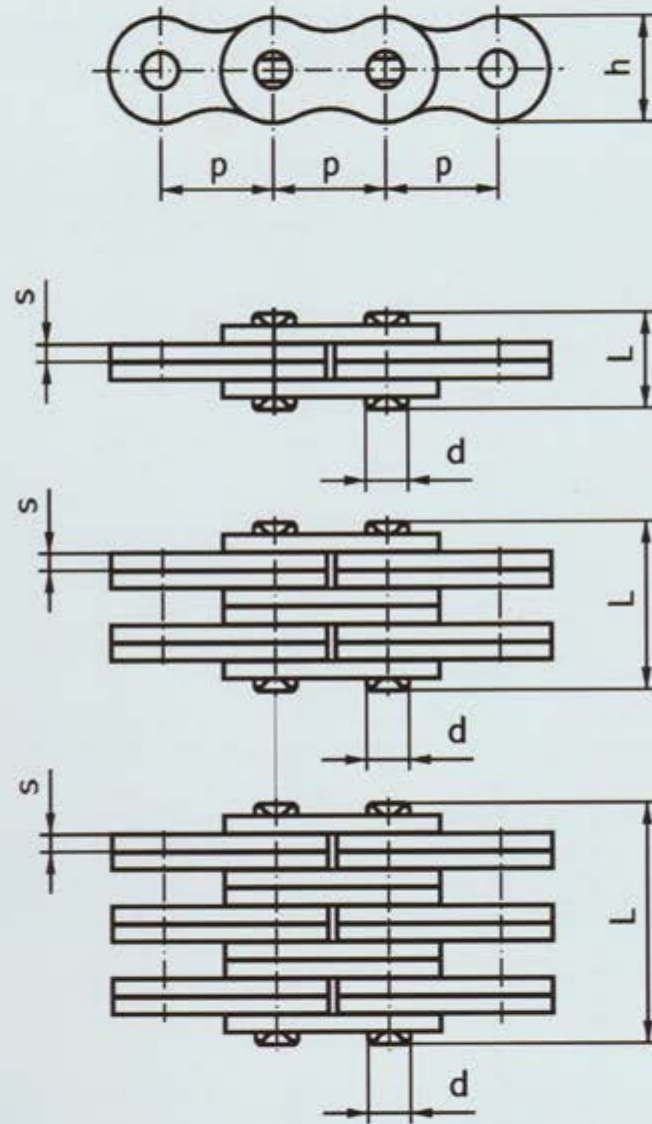
| | DIN | ISO | Sayfa |
|---------------------------------------|-----------|------|---------|
| Fleyer zincirler "LH" | 8152-3 | 4347 | D - 1.2 |
| Fleyer zincirler "LH" | 8152-3 | 4347 | D - 2.1 |
| Fleyer zincirler "LL" | 8152-1 | 4347 | D - 2.2 |
| Fleyer zincirler "AL" | - | - | D - 3.1 |
| Sabit Burçlu Zincirler | 8164 | - | D - 3.2 |
| Tarak Şapka Zincirler (Norm Harici) | - | - | D - 4.1 |
| Gall Zincirleri | 8156-8157 | - | D - 4.2 |
| Gall Zincirleri | 8150 | - | D - 5.1 |
| Api Zincirleri | 8182 | - | D - 5.2 |
| Api Zincirleri (Norm Harici) | - | - | D - 6.1 |
| Sessiz Zincirler (Norm Harici) | - | - | D - 6.2 |
| Sessiz Zincirler (Norm Harici) | - | - | D - 7.1 |

| | DIN | ISO | Seite |
|---|-----------|------|---------|
| Flyerketten "LH" | 8152-3 | 4347 | D - 1.2 |
| Flyerketten "LH" | 8152-3 | 4347 | D - 2.1 |
| Flyerketten "LL" | 8152-1 | 4347 | D - 2.2 |
| Flyerketten "AL" | - | - | D - 3.1 |
| Buchsenketten | 8164 | - | D - 3.2 |
| Spez.Ketten Für Die Textil Ind. (Werksnorm) | - | - | D - 4.1 |
| Gallketten | 8156-8157 | - | D - 4.2 |
| Gallketten | 8150 | - | D - 5.1 |
| Rotaryketten Nach Api | 8182 | - | D - 5.2 |
| Rotaryketten Nach Api (Werksnorm) | - | - | D - 6.1 |
| Hochleistungs-Zahnketten (Werksnorm) | - | - | D - 6.2 |
| Hochleistungs-Zahnketten (Werksnorm) | - | - | D - 7.1 |

| | DIN | ISO | Page |
|---|-----------|------|---------|
| Leaf Chains "LH" | 8152-3 | 4347 | D - 1.2 |
| Leaf Chains "LH" | 8152-3 | 4347 | D - 2.1 |
| Leaf Chains "LL" | 8152-1 | 4347 | D - 2.2 |
| Leaf Chains "AL" | - | - | D - 3.1 |
| Bush Chains | 8164 | - | D - 3.2 |
| Textile Machinery Chains (to Works' standard) | - | - | D - 4.1 |
| Gall Chains | 8156-8157 | - | D - 4.2 |
| Gall Chains | 8150 | - | D - 5.1 |
| Rotary Api Chains | 8182 | - | D - 5.2 |
| Rotary Api Chains (to Works' standard) | - | - | D - 6.1 |
| Silent Chains (to Works' standard) | - | - | D - 6.2 |
| Silent Chains (to Works' standard) | - | - | D - 7.1 |



| Zımaş No. | DIN | ANSI No. | p mm. | Bakla Düzim Şekli / Laschenkombinationen / Combination of Link | h mm. | s mm. | d ₁ mm. | L mm. | F _B N | q kg/m |
|-----------------|---------|----------|--------|--|-------|-------|--------------------|--------|------------------|--------|
| FI-01-01-12,70 | LH 0822 | BL 422 | 12,70 | 2 x 2 | 11,80 | 2,00 | 5,08 | 10,90 | 22200 | 0,63 |
| FI-01-02-12,70 | LH 0823 | BL 423 | 12,70 | 2 x 3 | 11,80 | 2,00 | 5,08 | 13,00 | 22200 | 0,78 |
| FI-01-03-12,70 | LH 0834 | BL 434 | 12,70 | 3 x 4 | 11,80 | 2,00 | 5,08 | 17,10 | 33300 | 1,08 |
| FI-01-04-12,70 | LH 0844 | BL 444 | 12,70 | 4 x 4 | 11,80 | 2,00 | 5,08 | 19,20 | 44400 | 1,23 |
| FI-01-05-12,70 | LH 0846 | BL 446 | 12,70 | 4 x 6 | 11,80 | 2,00 | 5,08 | 23,40 | 44400 | 1,53 |
| FI-01-06-12,70 | LH 0866 | BL 466 | 12,70 | 6 x 6 | 11,80 | 2,00 | 5,08 | 27,60 | 89000 | 1,83 |
| FI-01-07-12,70 | LH 0888 | BL 488 | 12,70 | 8 x 8 | 11,80 | 2,00 | 5,08 | 36,00 | 100000 | 2,43 |
| FI-01-08-15,875 | LH 1023 | BL 523 | 15,875 | 2 x 3 | 14,60 | 2,40 | 6,00 | 15,60 | 32600 | 1,18 |
| FI-01-09-15,875 | LH 1034 | BL 534 | 15,875 | 3 x 4 | 14,60 | 2,40 | 6,00 | 20,50 | 48900 | 1,63 |
| FI-01-10-15,875 | LH 1044 | BL 544 | 15,875 | 4 x 4 | 14,60 | 2,40 | 6,00 | 23,10 | 65200 | 1,86 |
| FI-01-11-15,875 | LH 1046 | BL 546 | 15,875 | 4 x 6 | 14,60 | 2,40 | 6,00 | 28,00 | 65200 | 2,32 |
| FI-01-12-15,875 | LH 1066 | BL 566 | 15,875 | 6 x 6 | 14,60 | 2,40 | 6,00 | 32,80 | 110000 | 2,77 |
| FI-01-13-15,875 | LH 1088 | BL 588 | 15,875 | 8 x 8 | 14,60 | 2,40 | 6,00 | 42,60 | 130000 | 3,68 |
| FI-01-14-19,05 | LH 1223 | BL 623 | 19,05 | 2 x 3 | 18,00 | 3,00 | 7,92 | 19,80 | 48900 | 1,92 |
| FI-01-15-19,05 | LH 1234 | BL 634 | 19,05 | 3 x 4 | 18,00 | 3,00 | 7,92 | 25,40 | 73400 | 2,66 |
| FI-01-16-19,05 | LH 1244 | BL 644 | 19,05 | 4 x 4 | 18,00 | 3,00 | 7,92 | 28,50 | 97800 | 3,03 |
| FI-01-17-19,05 | LH 1246 | BL 646 | 19,05 | 4 x 6 | 18,00 | 3,00 | 7,92 | 34,60 | 97800 | 3,78 |
| FI-01-18-19,05 | LH 1266 | BL 666 | 19,05 | 6 x 6 | 18,00 | 3,00 | 7,92 | 41,00 | 180000 | 4,52 |
| FI-01-19-19,05 | LH 1288 | BL 688 | 19,05 | 8 x 8 | 18,00 | 3,00 | 7,92 | 53,00 | 235000 | 6,00 |
| FI-01-20-25,40 | LH 1622 | BL 822 | 25,40 | 2 x 2 | 24,00 | 4,00 | 9,53 | 21,00 | 84500 | 2,40 |
| FI-01-21-25,40 | LH 1623 | BL 823 | 25,40 | 2 x 3 | 24,00 | 4,00 | 9,53 | 25,10 | 84500 | 2,98 |
| FI-01-22-25,40 | LH 1634 | BL 834 | 25,40 | 3 x 4 | 24,00 | 4,00 | 9,53 | 33,40 | 126700 | 4,14 |
| FI-01-23-25,40 | LH 1644 | BL 844 | 25,40 | 4 x 4 | 24,00 | 4,00 | 9,53 | 37,60 | 169000 | 4,72 |
| FI-01-24-25,40 | LH 1646 | BL 846 | 25,40 | 4 x 6 | 24,00 | 4,00 | 9,53 | 45,80 | 169000 | 5,88 |
| FI-01-25-25,40 | LH 1666 | BL 866 | 25,40 | 6 x 6 | 24,00 | 4,00 | 9,53 | 54,00 | 275000 | 7,04 |
| FI-01-26-25,40 | LH 1688 | BL 888 | 25,40 | 8 x 8 | 24,00 | 4,00 | 9,53 | 70,40 | 328000 | 9,37 |
| FI-01-27-31,75 | LH 2022 | BL 1022 | 31,75 | 2 x 2 | 30,00 | 5,00 | 11,10 | 25,70 | 115700 | 3,57 |
| FI-01-28-31,75 | LH 2023 | BL 1023 | 31,75 | 2 x 3 | 30,00 | 5,00 | 11,10 | 30,80 | 115700 | 4,44 |
| FI-01-29-31,75 | LH 2034 | BL 1034 | 31,75 | 3 x 4 | 30,00 | 5,00 | 11,10 | 41,00 | 173600 | 6,17 |
| FI-01-30-31,75 | LH 2044 | BL 1044 | 31,75 | 4 x 4 | 30,00 | 5,00 | 11,10 | 46,10 | 231400 | 7,04 |
| FI-01-31-31,75 | LH 2046 | BL 1046 | 31,75 | 4 x 6 | 30,00 | 5,00 | 11,10 | 56,30 | 231400 | 8,78 |
| FI-01-32-31,75 | LH 2066 | BL 1066 | 31,75 | 6 x 6 | 30,00 | 5,00 | 11,10 | 66,50 | 407000 | 10,52 |
| FI-01-33-31,75 | LH 2088 | BL 1088 | 31,75 | 8 x 8 | 30,00 | 5,00 | 11,10 | 86,90 | 452000 | 13,99 |
| FI-01-34-38,10 | LH 2434 | BL 1234 | 38,10 | 3 x 4 | 36,50 | 5,50 | 12,70 | 45,20 | 226800 | 9,25 |
| FI-01-35-38,10 | LH 2446 | BL 1246 | 38,10 | 4 x 6 | 36,50 | 5,50 | 12,70 | 62,50 | 302400 | 13,16 |
| FI-01-36-38,10 | LH 2466 | BL 1266 | 38,10 | 6 x 6 | 36,50 | 5,50 | 12,70 | 73,20 | 444000 | 15,77 |
| FI-01-37-38,10 | LH 2488 | BL 1288 | 38,10 | 8 x 8 | 36,50 | 5,50 | 12,70 | 95,60 | 595000 | 20,98 |
| FI-01-38-44,45 | LH 2834 | BL 1434 | 44,45 | 3 x 4 | 42,00 | 6,50 | 14,28 | 53,20 | 286900 | 12,14 |
| FI-01-39-44,45 | LH 2846 | BL 1446 | 44,45 | 4 x 6 | 42,00 | 6,50 | 14,28 | 73,10 | 382600 | 17,28 |
| FI-01-40-50,80 | LH 3234 | BL 1634 | 50,80 | 3 x 4 | 47,00 | 7,00 | 17,75 | 57,80 | 433600 | 15,67 |
| FI-01-41-50,80 | LH 3244 | BL 1644 | 50,80 | 4 x 4 | 47,00 | 7,00 | 17,75 | 64,90 | 578200 | 17,87 |
| FI-01-42-50,80 | LH 3246 | BL 1646 | 50,80 | 4 x 6 | 47,00 | 7,00 | 17,75 | 79,10 | 578200 | 22,29 |
| FI-01-43-50,80 | LH 3266 | BL 1666 | 50,80 | 6 x 6 | 47,00 | 7,00 | 17,75 | 93,30 | 858000 | 26,70 |
| FI-01-44-50,80 | LH 3288 | BL 1688 | 50,80 | 8 x 8 | 47,00 | 7,00 | 17,75 | 121,70 | 1147000 | 35,53 |
| FI-01-45-63,50 | LH 4023 | BL 2023 | 63,50 | 2 x 3 | 60,00 | 10,00 | 23,80 | 60,50 | 433600 | 19,80 |
| FI-01-46-63,50 | LH 4034 | BL 2034 | 63,50 | 3 x 4 | 60,00 | 10,00 | 23,80 | 81,10 | 650500 | 27,70 |
| FI-01-47-63,50 | LH 4044 | BL 2044 | 63,50 | 4 x 4 | 60,00 | 10,00 | 23,80 | 91,40 | 867300 | 31,60 |
| FI-01-48-63,50 | LH 4046 | BL 2046 | 63,50 | 4 x 6 | 60,00 | 10,00 | 23,80 | 112,00 | 867300 | 39,50 |
| FI-01-49-63,50 | LH 4066 | BL 2066 | 63,50 | 6 x 6 | 60,00 | 10,00 | 23,80 | 132,60 | 1301100 | 47,40 |



2 x 2

4 x 4

6 x 6



Horve
Trottelung
Pitch

Balken Dicke
Säulen
Combination of Link

Balken Gesamthöhe
Laufröhre
Height of Plate Link

Balken Keulendicke
Laufröhrendicke
Thickness of Link

Pin Ø

Bolzen Ø

Pin Ø

Pin Boyu

Bolzenlänge

Pin Length

Kopma Yüku

Brechkraft

Breaking Load

Zincir Ağırlığı

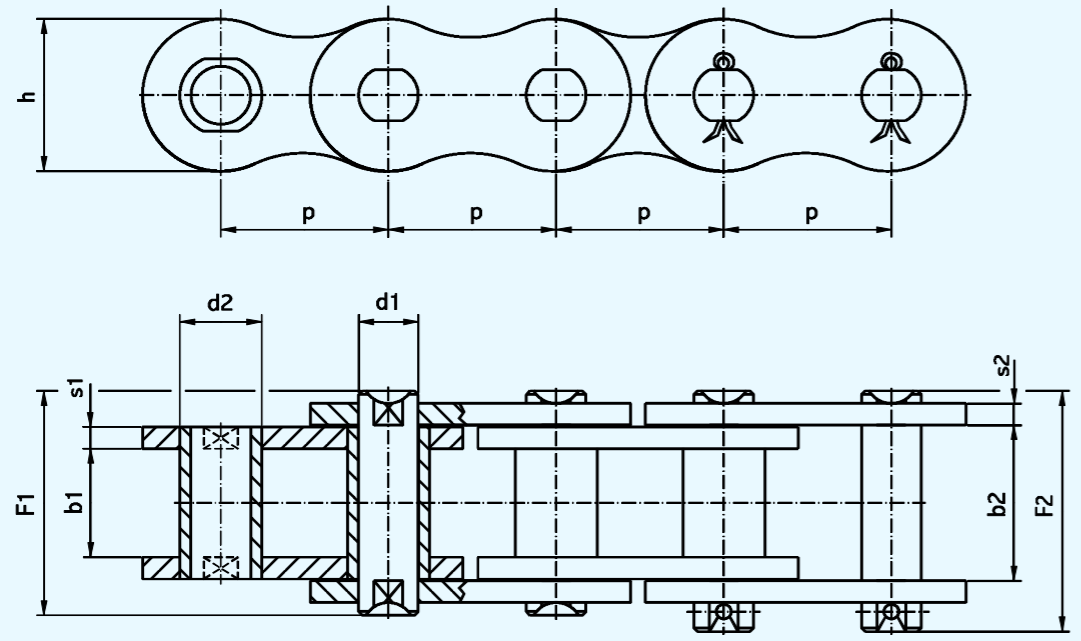
Kettengevocht

Weight Chain

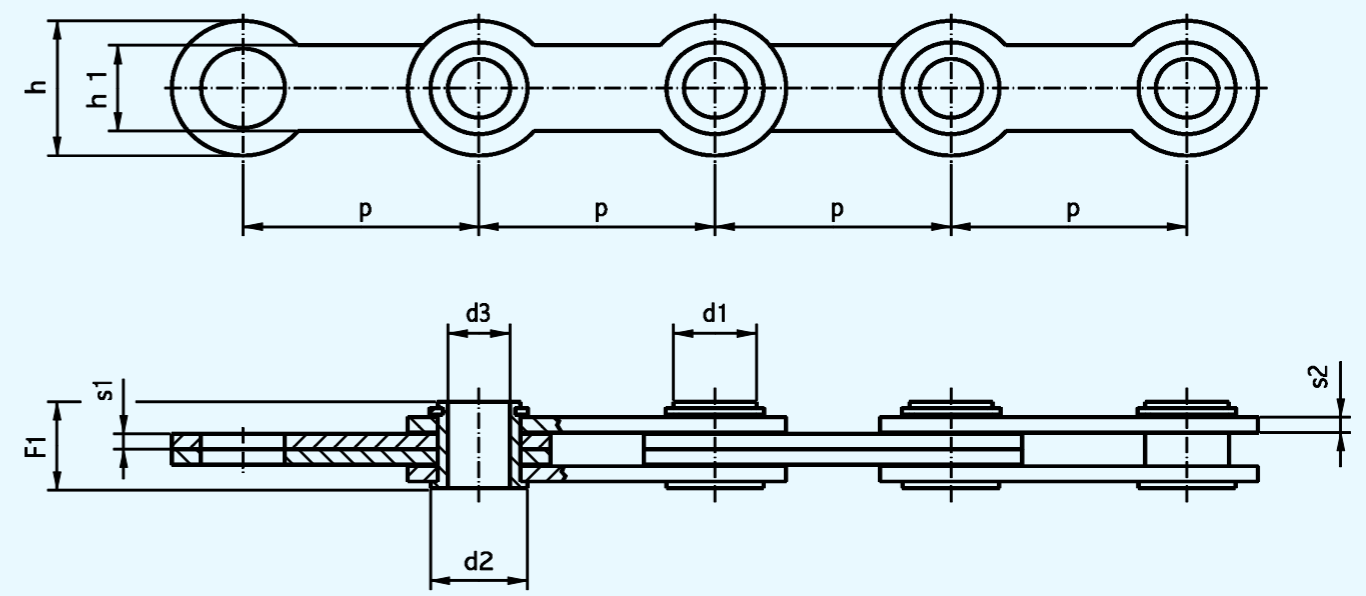
| Zimas No. | DIN | p mm. | | h mm. | s mm. | d ₁ mm. | L mm. | F _B N | q kg/m |
|-----------------|---------|--------|-----------|---------|-------|--------------------|-------|------------------|--------|
| FI-02-01-12,70 | LL 0822 | 12,70 | 2 x 2 | 11,00 | 1,60 | 4,45 | 9,00 | 18000 | 0,39 |
| FI-02-02-12,70 | LL 0844 | 12,70 | 4 x 4 | 11,00 | 1,60 | 4,45 | 15,50 | 36000 | 0,74 |
| FI-02-03-12,70 | LL 0866 | 12,70 | 6 x 6 | 11,00 | 1,60 | 4,45 | 22,20 | 54000 | 1,10 |
| FI-02-04-15,875 | LL 1022 | 15,875 | 2 x 2 | 13,20 | 1,60 | 5,08 | 9,40 | 26000 | 0,50 |
| FI-02-05-15,875 | LL 1044 | 15,875 | 4 x 4 | 13,20 | 1,60 | 5,08 | 15,90 | 50000 | 0,96 |
| FI-02-06-15,875 | LL 1066 | 15,875 | 6 x 6 | 13,20 | 1,60 | 5,08 | 22,40 | 78000 | 1,39 |
| FI-02-07-19,05 | LL 1222 | 19,05 | 2 x 2 | 14,80 | 1,70 | 5,72 | 10,40 | 33000 | 0,59 |
| FI-02-08-19,05 | LL 1244 | 19,05 | 4 x 4 | 14,80 | 1,70 | 5,72 | 17,50 | 66000 | 1,15 |
| FI-02-09-19,05 | LL 1266 | 19,05 | 6 x 6 | 14,80 | 1,70 | 5,72 | 24,40 | 99000 | 1,70 |
| FI-02-10-25,40 | LL 1622 | 25,40 | 2 x 2 | 21,30 | 3,00 | 8,28 | 16,10 | 70000 | 1,56 |
| FI-02-11-25,40 | LL 1644 | 25,40 | 4 x 4 | 21,30 | 3,00 | 8,28 | 28,10 | 140000 | 3,04 |
| FI-02-12-25,40 | LL 1666 | 25,40 | 6 x 6 | 21,30 | 3,00 | 8,28 | 41,00 | 210000 | 4,53 |
| FI-02-13-31,75 | LL 2022 | 31,75 | 2 x 2 | 25,50 | 4,00 | 10,17 | 21,40 | 105000 | 2,01 |
| FI-02-14-31,75 | LL 2044 | 31,75 | 4 x 4 | 25,50 | 4,00 | 10,17 | 38,00 | 210000 | 3,93 |
| FI-02-15-31,75 | LL 2066 | 31,75 | 6 x 6 | 25,50 | 4,00 | 10,17 | 54,20 | 315000 | 5,86 |
| FI-02-16-38,10 | LL 2422 | 38,10 | 2 x 2 | 33,00 | 5,00 | 14,63 | 26,50 | 175000 | 4,18 |
| FI-02-17-38,10 | LL 2444 | 38,10 | 4 x 4 | 33,00 | 5,00 | 14,63 | 47,10 | 350000 | 8,48 |
| FI-02-18-38,10 | LL 2466 | 38,10 | 6 x 6 | 33,00 | 5,00 | 14,63 | 68,00 | 525000 | 12,20 |
| FI-02-19-44,45 | LL 2822 | 44,45 | 2 x 2 | 37,00 | 6,00 | 15,87 | 31,40 | 210000 | 6,25 |
| FI-02-20-44,45 | LL 2844 | 44,45 | 4 x 4 | 37,00 | 6,00 | 15,87 | 56,20 | 410000 | 12,20 |
| FI-02-21-44,45 | LL 2866 | 44,45 | 6 x 6 | 37,00 | 6,00 | 15,87 | 81,00 | 605000 | 18,20 |
| FI-02-22-50,80 | LL 3222 | 50,80 | 2 x 2 | 42,20 | 6,00 | 17,75 | 32,90 | 265000 | 6,73 |
| FI-02-23-50,80 | LL 3244 | 50,80 | 4 x 4 | 42,20 | 6,00 | 17,75 | 57,70 | 530000 | 13,10 |
| FI-02-24-50,80 | LL 3266 | 50,80 | 6 x 6 | 42,20 | 6,00 | 17,75 | 82,50 | 800000 | 19,50 |
| LL Serisi | | | LL Serien | LL Seri | | | | | |
| FI-03-01-12,70 | AL 422 | 12,70 | 2 x 2 | 11,00 | 1,60 | 3,96 | 9,00 | 17000 | 0,40 |
| FI-03-02-12,70 | AL 444 | 12,70 | 4 x 4 | 11,00 | 1,60 | 3,96 | 15,60 | 34000 | 0,70 |
| FI-03-03-12,70 | AL 466 | 12,70 | 6 x 6 | 11,00 | 1,60 | 3,96 | 22,20 | 51000 | 1,10 |
| FI-03-04-15,875 | AL 544 | 15,875 | 4 x 4 | 13,20 | 2,00 | 5,08 | 19,40 | 58000 | 1,10 |
| FI-03-05-15,875 | AL 566 | 15,875 | 6 x 6 | 13,20 | 2,00 | 5,08 | 27,60 | 90000 | 1,70 |
| FI-03-06-19,05 | AL 622 | 19,05 | 2 x 2 | 14,80 | 2,40 | 5,94 | 12,90 | 40000 | 0,75 |
| FI-03-07-19,05 | AL 644 | 19,05 | 4 x 4 | 14,80 | 2,40 | 5,94 | 22,70 | 80000 | 1,66 |
| FI-03-08-19,05 | AL 666 | 19,05 | 6 x 6 | 14,80 | 2,40 | 5,94 | 32,50 | 120000 | 2,48 |
| FI-03-09-25,40 | AL 822 | 25,40 | 2 x 2 | 21,30 | 3,00 | 7,92 | 17,50 | 73000 | 1,45 |
| FI-03-10-25,40 | AL 844 | 25,40 | 4 x 4 | 21,30 | 3,00 | 7,92 | 29,90 | 145000 | 2,99 |
| FI-03-11-25,40 | AL 866 | 25,40 | 6 x 6 | 21,30 | 3,00 | 7,92 | 42,30 | 200000 | 4,37 |
| FI-03-12-31,75 | AL 1044 | 31,75 | 4 x 4 | 25,50 | 4,00 | 9,53 | 38,20 | 200000 | 4,51 |
| FI-03-13-31,75 | AL 1066 | 31,75 | 6 x 6 | 25,50 | 4,00 | 9,53 | 54,60 | 300000 | 6,73 |
| FI-03-14-38,10 | AL 1244 | 38,10 | 4 x 4 | 30,00 | 5,00 | 11,10 | 46,50 | 245000 | 6,74 |
| FI-03-15-38,10 | AL 1266 | 38,10 | 6 x 6 | 30,00 | 5,00 | 11,10 | 66,90 | 368000 | 10,10 |
| FI-03-16-44,45 | AL 1444 | 44,45 | 4 x 4 | 37,00 | 5,50 | 12,70 | 51,00 | 380000 | 10,34 |
| FI-03-17-44,45 | AL 1466 | 44,45 | 6 x 6 | 37,00 | 5,50 | 12,70 | 73,40 | 570000 | 15,16 |
| FI-03-18-38,10 | AL 1644 | 50,80 | 4 x 4 | 43,50 | 6,00 | 14,28 | 57,40 | 480000 | 12,98 |
| FI-03-19-38,10 | AL 1666 | 50,80 | 6 x 6 | 43,50 | 6,00 | 14,28 | 82,20 | 720000 | 19,41 |
| AL Serisi | | | AL Serien | AL Seri | | | | | |



| Zımaş No. | p mm. | b ₁ mm. | b ₂ mm. | d ₁ mm. | d ₂ mm. | F ₁ mm. | F ₂ mm. | h mm. | s ₁ mm. | s ₂ mm. | f cm. ² | F _B N | q kg/m |
|--------------|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------|--------------------|--------------------|--------------------|------------------|--------|
| Sb-01-01-15 | 15 | 14 | 19 | 6 | 9 | 26,50 | 28,50 | 14 | 2 | 2 | 1,11 | 12500 | 1,2 |
| Sb-01-02-20 | 20 | 16 | 23 | 8 | 12 | 33,00 | 35,50 | 18,40 | 3 | 3 | 1,84 | 25000 | 2,1 |
| Sb-01-03-25 | 25 | 18 | 25 | 10 | 15 | 36,00 | 39,50 | 21,30 | 3 | 3 | 2,50 | 31500 | 2,6 |
| Sb-01-04-30 | 30 | 20 | 29 | 11 | 17 | 42,50 | 46,00 | 25,50 | 4 | 4 | 3,19 | 40000 | 4,0 |
| Sb-01-05-35 | 35 | 22 | 31 | 12 | 18 | 45,00 | 48,50 | 30 | 4 | 4 | 3,72 | 50000 | 4,3 |
| Sb-01-06-40 | 40 | 25 | 36 | 14 | 20 | 52,00 | 56,50 | 33 | 5 | 5 | 5,04 | 63000 | 6,0 |
| Sb-01-07-45 | 45 | 30 | 43 | 16 | 22 | 62,00 | 66,50 | 40 | 6 | 6 | 6,88 | 80000 | 7,6 |
| Sb-01-08-50 | 50 | 35 | 48 | 18 | 26 | 68,00 | 72,50 | 43,50 | 6 | 6 | 8,64 | 100000 | 9,0 |
| Sb-01-09-55 | 55 | 45 | 62,50 | 20 | 30 | 86,50 | 92,00 | 50 | 8 | 8 | 12,60 | 125000 | 13,6 |
| Sb-01-10-60 | 60 | 50 | 67,50 | 22 | 32 | 92,50 | 98,00 | 52,50 | 8 | 8 | 14,96 | 160000 | 14,9 |
| Sb-01-11-65 | 65 | 55 | 73 | 26 | 36 | 99,00 | 105,50 | 60 | 8 | 8 | 18,98 | 200000 | 18,9 |
| Sb-01-12-70 | 70 | 65 | 87 | 30 | 42 | 119,00 | 125,50 | 67 | 10 | 10 | 26,10 | 250000 | 24,7 |
| Sb-01-13-80 | 80 | 70 | 97 | 32 | 44 | 134,00 | 142,50 | 70 | 12 | 12 | 30,72 | 315000 | 31,0 |
| Sb-01-14-90 | 90 | 80 | 107 | 36 | 50 | 146,00 | 154,50 | 85 | 12 | 12 | 38,16 | 400000 | 41,8 |
| Sb-01-15-100 | 100 | 90 | 117 | 42 | 56 | 158,00 | 166,50 | 95 | 12 | 12 | 48,72 | 500000 | 48,4 |



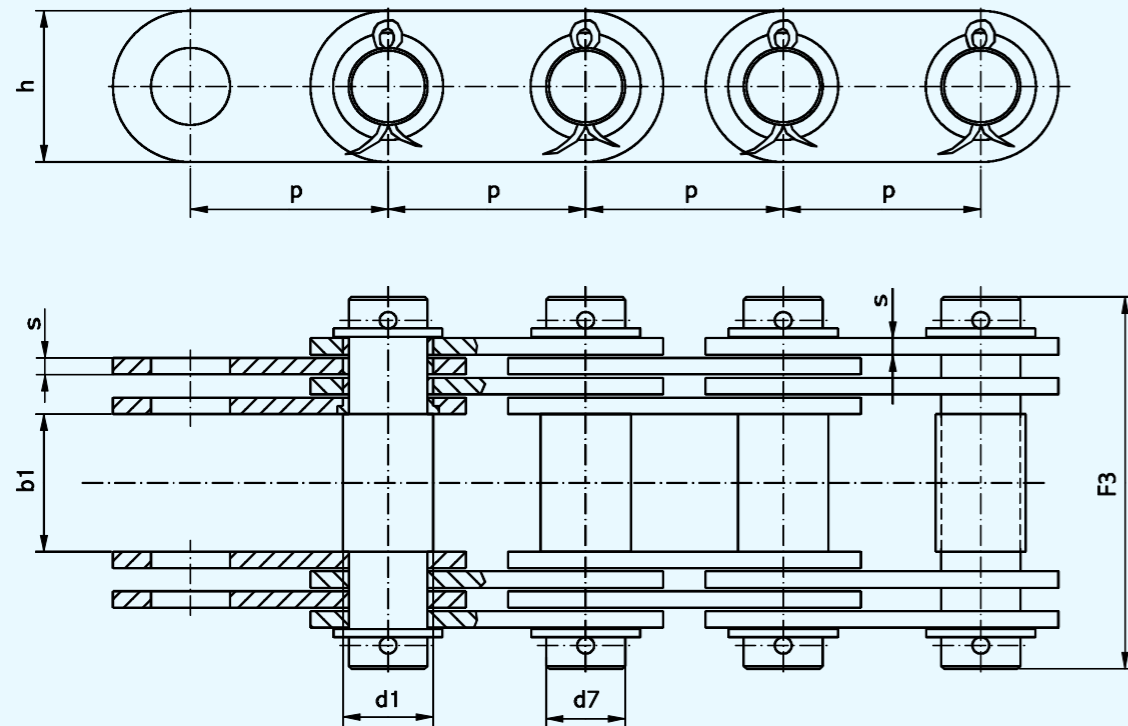
| Zımaş No. | p mm. | h mm. | h ₁ mm. | d ₁ mm. | d ₂ mm. | d ₃ mm. | F ₁ mm. | s ₁ mm. | s ₂ mm. | f cm. ² | F _B N | q kg/m |
|----------------|-------|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|--------|
| TŞ-01-01-36,50 | 36,50 | 22 | 14 | 12,85 | 16 | 10,10 | 13,30 | 2,20 | 2,20 | 1,40 | 25000 | 0,92 |
| TŞ-01-02-36,50 | 36,50 | 22 | 14 | 12,95 | 15,50 | 9,60 | 14,50 | 2,50 | 2,50 | 1,40 | 28000 | 0,92 |
| TŞ-01-03-36,50 | 36,50 | 21,50 | 16,50 | 13,95 | 16 | 10,30 | 13,40 | 2,20 | 2,20 | 1,50 | 20000 | 0,92 |
| TŞ-01-04-36,50 | 36,50 | 22 | 14 | 12,95 | 16 | 10,10 | 13,30 | 2,20 | 2,20 | 1,50 | 25000 | 1,05 |
| TŞ-01-05-37,30 | 37,30 | 22 | 14 | 12,95 | 16 | 9,60 | 14,70 | 2,75 | 2,75 | 1,75 | 31000 | 0,97 |
| TŞ-01-06-37,30 | 37,30 | 22 | 14 | 12,95 | 16 | 10,20 | 14,70 | 2,75 | 2,75 | 1,75 | 31000 | 0,97 |
| TŞ-01-07-38,10 | 38,10 | 22 | 14 | 12,95 | 15 | 10,10 | 16,00 | 3,00 | 3,00 | 2,00 | 33500 | 1,28 |
| TŞ-01-08-38,10 | 38,10 | 22 | 14 | 12,95 | 15 | 9,60 | 14,00 | 2,50 | 2,50 | 2,00 | 28000 | 1,28 |
| TŞ-01-09-38,10 | 38,10 | 22 | 14 | 12,95 | 15 | 9,60 | 15,00 | 2,50 | 2,50 | 2,00 | 28000 | 1,28 |



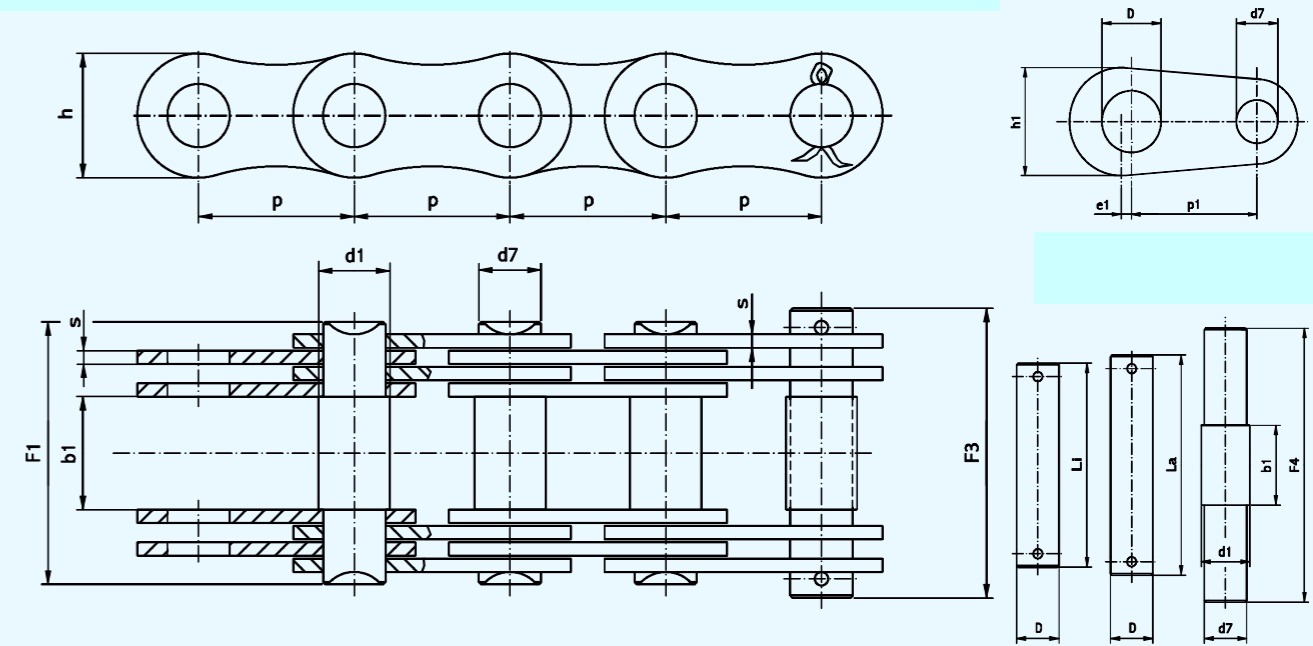


| Zimaş No. | ISO | p mm. | b ₁ mm. | d ₁ mm. | d ₇ mm. | F ₃ mm. max. | h mm. | s mm. | f cm ² | F _B N max. | q kg/m | |
|--------------|-----|-------|--------------------|--------------------|--------------------|-------------------------|-------|-------|-------------------|-----------------------|---------|-----|
| Gz-02-01-30 | | 30 | 20 | 11 | 9 | 60 | 20 | 3 | 2,50 x 16 | 1,1 | 30000 | 4 |
| Gz-02-02-50 | | 50 | 25 | 14 | 12 | 71 | 30 | 3 | 3 x 20 | 1,5 | 60000 | 6 |
| Gz-02-03-60 | | 60 | 35 | 22 | 20 | 103 | 40 | 5 | 5 x 32 | 4,0 | 190000 | 14 |
| Gz-02-04-70 | | 70 | 45 | 28 | 25 | 143 | 50 | 8 | 6 x 40 | 8,0 | 380000 | 27 |
| Gz-02-05-90 | | 90 | 60 | 36 | 32 | 183 | 60 | 10 | 8 x 50 | 13,0 | 600000 | 42 |
| Gz-02-06-110 | | 110 | 70 | 45 | 40 | 211 | 80 | 12 | 8 x 56 | 19,0 | 960000 | 68 |
| Gz-02-07-120 | | 120 | 80 | 50 | 45 | 248 | 90 | 15 | 10 x 63 | 27,0 | 1200000 | 83 |
| Gz-02-08-160 | | 160 | 100 | 60 | 55 | 320 | 100 | 20 | 10 x 71 | 44,0 | 1900000 | 130 |
| Gz-02-09-180 | | 180 | 120 | 80 | 70 | 385 | 130 | 25 | 13 x 90 | 70,0 | 3000000 | 220 |
| Gz-02-10-240 | | 240 | 140 | 90 | 80 | 456 | 160 | 30 | 13 x 100 | 96,0 | 4800000 | 305 |
| Gz-02-11-280 | | 280 | 160 | 110 | 100 | 481 | 200 | 30 | 13 x 125 | 120,0 | 6000000 | 395 |

| Zimaş No. | ISO | p mm. | b ₁ mm. | d ₁ mm. | d ₇ mm. | F ₃ mm. max. | h mm. | s mm. | f cm ² | F _B N max. | q kg/m | |
|--------------|-----|-------|--------------------|--------------------|--------------------|-------------------------|-------|-------|-------------------|-----------------------|---------|-----|
| Gz-03-01-70 | | 70 | 45 | 28 | 25 | 143 | 60 | 8 | 6 x 40 | 8 | 380000 | 35 |
| Gz-03-02-90 | | 90 | 60 | 36 | 32 | 183 | 70 | 10 | 8 x 50 | 13 | 600000 | 50 |
| Gz-03-03-110 | | 110 | 70 | 45 | 40 | 211 | 90 | 12 | 8 x 56 | 19 | 960000 | 75 |
| Gz-03-04-120 | | 120 | 80 | 50 | 45 | 248 | 90 | 15 | 10 x 63 | 27 | 1200000 | 93 |
| Gz-03-05-160 | | 160 | 100 | 60 | 55 | 320 | 110 | 20 | 10 x 71 | 44 | 1900000 | 140 |
| Gz-03-06-180 | | 180 | 120 | 80 | 70 | 385 | 140 | 25 | 13 x 90 | 70 | 3000000 | 250 |
| Gz-03-07-240 | | 240 | 140 | 90 | 80 | 456 | 180 | 30 | 13 x 100 | 96 | 4800000 | 345 |
| Gz-03-08-280 | | 280 | 160 | 110 | 100 | 481 | 220 | 30 | 13 x 125 | 120 | 6000000 | 435 |



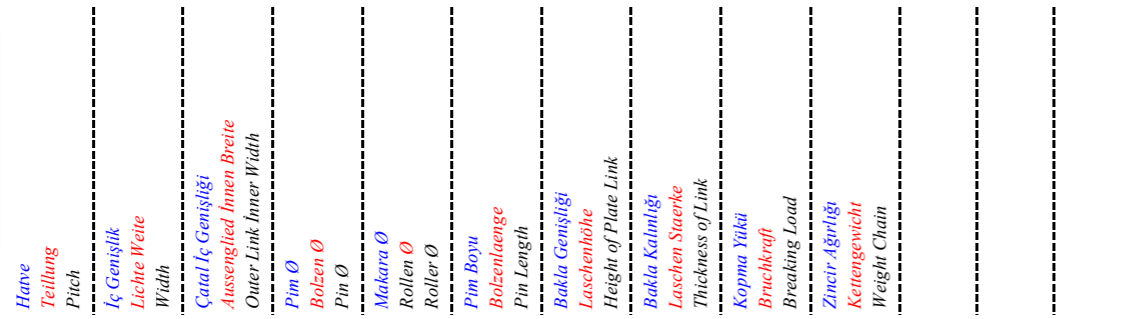
| ZİMAŞ No. | ISO | p mm. | p ₁ mm. | b ₁ mm. | d ₁ mm. | d ₇ mm. | D mm. | e ₁ mm. | F ₁ mm. max. | F ₃ mm. max. | F ₄ mm. max. | h mm. max. | h ₁ mm. | La mm. max. | Li mm. max. | s mm. | X | f cm ² | F _B N min. |
|--------------|-----|-------|--------------------|--------------------|--------------------|--------------------|-------|--------------------|-------------------------|-------------------------|-------------------------|------------|--------------------|-------------|-------------|-------|---|-------------------|-----------------------|
| Gz-01-01-6 | ** | 6 | - | 4 | 3,00 | 2,30 | - | - | 11 | 12 | - | 5 | - | - | - | 1,00 | 2 | 0,05 | 1250 |
| Gz-01-02-8 | ** | 8 | 15 | 6 | 3,50 | 2,50 | 6 | - | 13 | 16 | - | 7 | 16 | 17 | 17 | 1,00 | 2 | 0,05 | 1500 |
| Gz-01-03-10 | ** | 10 | 15 | 8 | 4,00 | 3,00 | 6 | - | 17 | 19 | - | 8 | 16 | 22 | 19 | 1,50 | 2 | 0,09 | 2500 |
| Gz-01-04-13 | ** | 13 | 20 | 10 | 5,00 | 4,00 | 8 | - | 21 | 23 | - | 10 | 18 | 29 | 25 | 2,00 | 2 | 0,16 | 4500 |
| Gz-01-05-15 | ** | 15 | 20 | 12 | 5,00 | 4,00 | 9 | 2,00 | 25 | 27 | - | 12 | 18 | 33 | 29 | 2,00 | 2 | 0,16 | 5000 |
| Gz-01-06-20 | ** | 20 | 25 | 15 | 8,00 | 6,00 | 10 | 2,00 | 28 | 33 | - | 15 | 20 | 36 | 32 | 2,00 | 2 | 0,24 | 12500 |
| Gz-01-07-20 | ** | 20 | 25 | 15 | 8,00 | 6,00 | 10 | 2,00 | 36 | 42 | 63 | 15 | 24 | 41 | 37 | 2,00 | 2 | 0,48 | 15000 |
| Gz-01-08-25 | ** | 25 | 30 | 18 | 10,00 | 8,00 | 12 | 2,50 | 36 | 42 | 68 | 18 | 25 | 46 | 40 | 3,00 | 2 | 0,48 | 25000 |
| Gz-01-09-25 | ** | 25 | 30 | 18 | 10,00 | 8,00 | 12 | 2,50 | 47 | 52 | 80 | 18 | 23,50 | 54 | 48 | 3,00 | 4 | 0,96 | 35000 |
| Gz-01-10-30 | ** | 30 | 40 | 20 | 11,00 | 9,00 | 14 | 3,00 | 43 | 50 | 80 | 20 | 30 | 48 | 44 | 2,00 | 2 | 0,72 | 37500 |
| Gz-01-11-30 | ** | 30 | 40 | 20 | 11,00 | 9,00 | 14 | 3,00 | 51 | 58 | 88 | 20 | 30 | 60 | 54 | 3,00 | 4 | 1,08 | 40000 |
| Gz-01-12-35 | ** | 35 | 45 | 22 | 12,00 | 10,00 | 16 | 3,50 | 53 | 61 | 93 | 26 | 35 | 62 | 55 | 3,00 | 4 | 1,20 | 60000 |
| Gz-01-13-40 | ** | 40 | 50 | 25 | 14,00 | 12,00 | 18 | 4,00 | 58 | 66 | 102 | 30 | 40 | 70 | 63 | 3,00 | 4 | 1,44 | 80000 |
| Gz-01-14-45 | ** | 45 | 55 | 30 | 17,00 | 14,00 | 22 | 4,50 | 63 | 70 | 108 | 35 | 45 | 75 | 68 | 3,00 | 4 | 1,68 | 100000 |
| Gz-01-15-50 | ** | 50 | 60 | 35 | 22,00 | 18,00 | 26 | 5,00 | 90 | 97 | 141 | 38 | 50 | 108 | 98 | 4,50 | 4 | 3,24 | 150000 |
| Gz-01-16-55 | ** | 55 | 65 | 40 | 24,00 | 21,00 | 32 | 5,50 | 108 | 115 | 163 | 40 | 55 | 132 | 118 | 6,00 | 4 | 5,04 | 200000 |
| Gz-01-17-60 | ** | 60 | 70 | 45 | 26,00 | 23,00 | 36 | 6,00 | 114 | 120 | 171 | 45 | 60 | 139 | 125 | 6,00 | 4 | 5,52 | 250000 |
| Gz-01-18-70 | * | 70 | 85 | 50 | 32,00 | 28,00 | 40 | 7,00 | 148 | 157 | 213 | 55 | 70 | 169 | 156 | 6,00 | 6 | 10,08 | 375000 |
| Gz-01-19-80 | * | 80 | 100 | 60 | 36,00 | 32,00 | 50 | 8,50 | 159 | 171 | 233 | 60 | 85 | 189 | 176 | 6,00 | 6 | 11,52 | 500000 |
| Gz-01-20-90 | * | 90 | 120 | 70 | 40,00 | 36,00 | 60 | 10,00 | 184 | 200 | 266 | 70 | 100 | 214 | 199 | 7,00 | 6 | 15,12 | 750000 |
| Gz-01-21-100 | * | 100 | 140 | 80 | 45,00 | 40,00 | 70 | 12,00 | 224 | 234 | 309 | 80 | 120 | 256 | 239 | 7,00 | 8 | 22,95 | 1000000 |
| Gz-01-22-110 | * | 110 | 160 | 90 | 50,00 | 45,00 | 80 | 14,00 | 236 | 251 | 327 | 90 | 140 | 279 | 264 | 7,00 | 8 | 25,28 | 1250000 |
| Gz-01-23-120 | * | 120 | 180 | 100 | 55,00 | 50,00 | 90 | 16,00 | 262 | 277 | 357 | 100 | 160 | 306 | 287 | 8,00 | 8 | 32,00 | 1500000 |



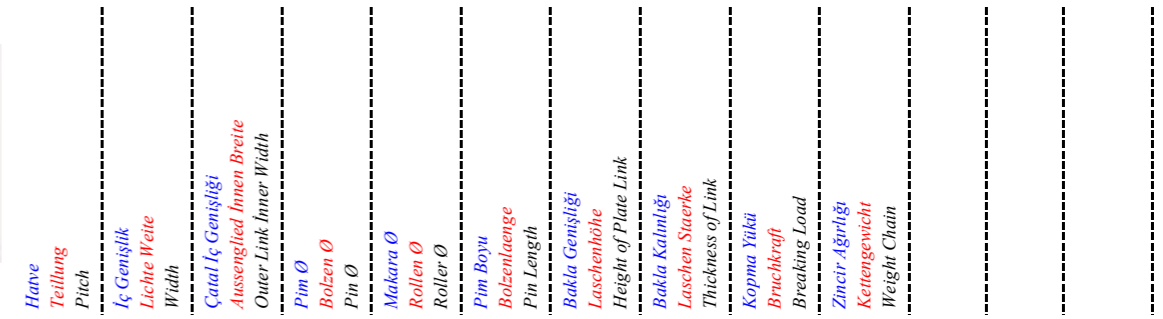
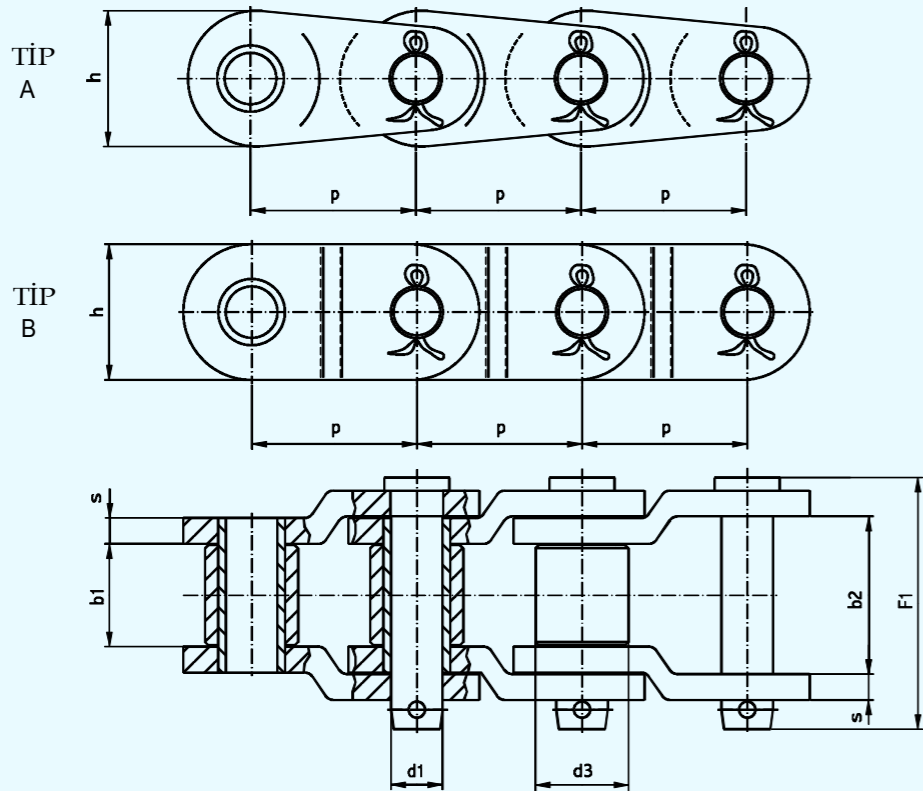
* Düz Formlu
** Norm Harici

* Mit Geraden Laschen
** Werksnorm

* Chain With Straight Link Plates
** Chain to works standard



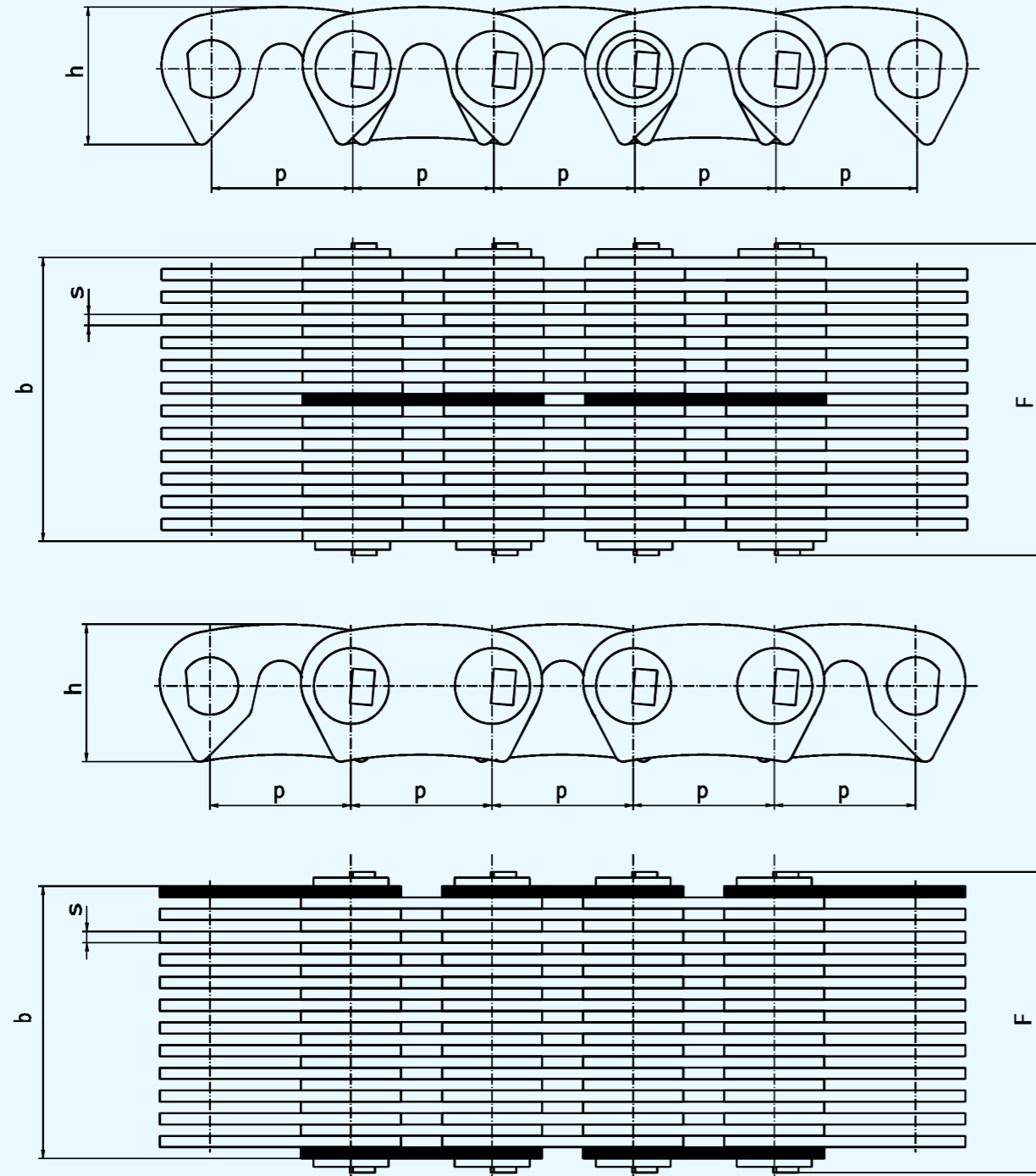
| Zımaş No. | p mm. | b ₁ mm. | b ₂ mm. | d ₁ mm. | d ₃ mm. | F ₁ mm. | h mm. | s mm. | FB N | q kg/m | TİP |
|-----------------|--------|--------------------|--------------------|--------------------|--------------------|--------------------|--------|-------|---------|--------|-----|
| Ap-01-01-31,75 | 31,75 | 19,05 | 28,10 | 9,53 | 19,05 | 44,60 | 30,00 | 4,00 | 109000 | 4,35 | B |
| Ap-01-02-50,80 | 50,80 | 31,75 | 42,80 | 11,10 | 22,22 | 62,50 | 36,00 | 5,00 | 154000 | 5,65 | B |
| Ap-01-03-50,80 | 50,80 | 31,75 | 46,00 | 14,28 | 28,57 | 70,50 | 48,00 | 6,50 | 263000 | 9,20 | B |
| Ap-01-04-50,80 | 50,80 | 31,75 | 49,80 | 15,30 | 28,57 | 77,50 | 42,00 | 8,00 | 295000 | 10,40 | B |
| Ap-01-05-63,50 | 63,50 | 38,10 | 50,20 | 12,70 | 25,40 | 70,70 | 42,00 | 5,50 | 208000 | 7,51 | B |
| Ap-01-06-63,50 | 63,50 | 38,10 | 56,10 | 15,87 | 31,75 | 83,60 | 47,00 | 8,00 | 270000 | 13,00 | B |
| Ap-01-07-66,27 | 66,27 | 38,57 | 58,60 | 19,05 | 38,10 | 90,10 | 55,00 | 9,00 | 500000 | 17,00 | B |
| Ap-01-08-76,20 | 76,20 | 33,30 | 53,40 | 19,05 | 38,10 | 85,00 | 55,00 | 9,00 | 500000 | 17,00 | B |
| Ap-01-09-77,90 | 77,90 | 39,60 | 61,80 | 19,05 | 41,28 | 95,50 | 60,00 | 10,00 | 400000 | 19,00 | B |
| Ap-01-10-78,10 | 78,10 | 38,10 | 56,10 | 16,00 | 31,75 | 83,60 | 40,00 | 8,00 | 320000 | 11,60 | B |
| Ap-01-11-78,10 | 78,10 | 38,10 | 56,50 | 16,50 | 31,75 | 86,00 | 42,00 | 9,00 | 365000 | 13,20 | B |
| Ap-01-13-79,37 | 79,37 | 41,27 | 61,50 | 20,32 | 41,27 | 93,00 | 55,00 | 9,00 | 500000 | 16,40 | B |
| Ap-01-14-88,90 | 88,90 | 38,10 | 67,10 | 22,00 | 41,27 | 107,60 | 55,00 | 13,00 | 640000 | 23,50 | B |
| Ap-01-15-88,90 | 88,90 | 38,10 | 67,10 | 22,25 | 44,45 | 107,60 | 60,00 | 13,00 | 600000 | 25,50 | B |
| Ap-01-16-103,20 | 103,20 | 49,20 | 78,20 | 22,00 | 44,45 | 118,70 | 55,00 | 13,00 | 620000 | 22,00 | B |
| Ap-01-17-103,45 | 103,45 | 49,30 | 82,50 | 23,85 | 45,24 | 127,00 | 60,00 | 15,00 | 700000 | 28,00 | B |
| Ap-01-18-114,30 | 114,30 | 52,30 | 85,50 | 27,97 | 57,15 | 133,00 | 75,00 | 15,00 | 860000 | 38,50 | B |
| Ap-01-19-127,00 | 127,00 | 69,80 | 107,50 | 31,78 | 63,50 | 163,00 | 90,00 | 17,00 | 1100000 | 52,00 | B |
| Ap-01-20-152,40 | 152,40 | 76,20 | 120,00 | 38,10 | 76,20 | 184,50 | 100,00 | 20,00 | 1600000 | 70,00 | B |
| Ap-01-21-177,80 | 177,80 | 82,60 | 130,50 | 44,48 | 86,90 | 200,00 | 130,00 | 22,00 | 2100000 | 95,00 | B |



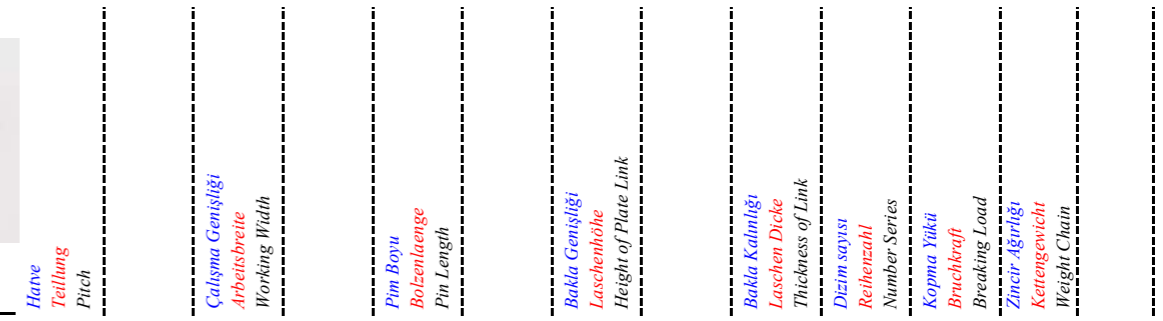
| Zımaş No. | p mm. | b ₁ mm. | b ₂ mm. | d ₁ mm. | d ₃ mm. | F ₁ mm. | h mm. | s mm. | FB N | q kg/m | TİP |
|-----------------|--------|--------------------|--------------------|--------------------|--------------------|--------------------|--------|-------|---------|--------|-----|
| Ap-02-01-44,45 | 44,45 | 25,40 | 37,50 | 12,70 | 25,40 | 58,00 | 42,00 | 5,50 | 172400 | 7,70 | A |
| Ap-02-02-50,80 | 50,80 | 30,50 | 44,50 | 14,28 | 28,58 | 68,00 | 42,00 | 6,50 | 162000 | 9,50 | B |
| Ap-02-03-50,80 | 50,80 | 30,50 | 44,50 | 14,28 | 28,58 | 68,00 | 48,00 | 6,50 | 222500 | 9,90 | A |
| Ap-02-04-50,80 | 50,80 | 30,50 | 48,50 | 15,10 | 28,58 | 76,00 | 42,00 | 8,00 | 231400 | 10,90 | A |
| Ap-02-05-50,80 | 50,80 | 30,50 | 44,50 | 9,53 | 28,58 | 66,00 | 42,00 | 6,50 | 172140 | 9,50 | B |
| Ap-02-06-50,80 | 50,80 | 31,75 | 45,80 | 13,70 | 28,58 | 69,30 | 49,20 | 6,50 | 306000 | 10,00 | A |
| Ap-02-07-50,80 | 50,80 | 31,75 | 49,80 | 15,10 | 28,58 | 77,30 | 47,50 | 8,00 | 294000 | 10,90 | A |
| Ap-02-08-63,50 | 63,50 | 38,10 | 59,10 | 15,88 | 31,75 | 89,60 | 41,50 | 9,50 | 397000 | 13,70 | B |
| Ap-02-09-63,50 | 63,50 | 38,90 | 56,90 | 19,80 | 39,69 | 86,40 | 60,30 | 8,00 | 430000 | 16,30 | A |
| Ap-02-10-66,27 | 66,27 | 26,20 | 35,20 | 9,53 | 22,22 | 51,70 | 25,40 | 4,00 | 40100 | 3,40 | B |
| Ap-02-11-66,27 | 66,27 | 28,60 | 39,60 | 11,10 | 22,22 | 59,10 | 28,50 | 5,00 | 81540 | 3,40 | B |
| Ap-02-12-66,27 | 66,27 | 28,60 | 42,60 | 11,10 | 22,22 | 65,10 | 28,50 | 6,50 | 147000 | 5,40 | B |
| Ap-02-13-77,90 | 77,90 | 40,00 | 62,50 | 19,05 | 41,28 | 95,00 | 45,00 | 10,00 | 450000 | 17,30 | B |
| Ap-02-14-77,90 | 77,90 | 40,00 | 61,00 | 19,05 | 41,28 | 92,50 | 54,00 | 9,50 | 500000 | 17,70 | B |
| Ap-02-15-78,10 | 78,10 | 36,50 | 54,50 | 15,88 | 31,75 | 82,00 | 38,10 | 8,00 | 182500 | 10,10 | B |
| Ap-02-16-78,10 | 78,10 | 36,50 | 54,50 | 15,88 | 31,75 | 82,00 | 41,50 | 8,00 | 271500 | 11,00 | B |
| Ap-02-17-78,10 | 78,10 | 36,50 | 57,50 | 16,46 | 31,75 | 88,00 | 44,50 | 9,50 | 280400 | 12,80 | B |
| Ap-02-18-78,10 | 78,10 | 38,10 | 56,10 | 15,88 | 31,75 | 83,60 | 38,00 | 8,00 | 277000 | 10,50 | B |
| Ap-02-19-78,10 | 78,10 | 38,10 | 59,10 | 16,50 | 31,75 | 89,60 | 40,00 | 9,50 | 340000 | 12,00 | B |
| Ap-02-20-78,10 | 78,10 | 38,10 | 60,60 | 16,50 | 33,00 | 92,10 | 45,00 | 10,00 | 313600 | 16,00 | B |
| Ap-02-21-79,00 | 79,00 | 39,00 | 60,00 | 18,50 | 31,50 | 91,50 | 54,00 | 9,50 | 380900 | 12,30 | B |
| Ap-02-22-79,38 | 79,38 | 39,70 | 60,70 | 20,32 | 41,27 | 93,20 | 57,20 | 9,50 | 347100 | 18,30 | B |
| Ap-02-23-79,38 | 79,38 | 41,20 | 62,20 | 20,32 | 41,27 | 94,70 | 54,00 | 9,50 | 520000 | 18,80 | B |
| Ap-02-24-88,90 | 88,90 | 36,90 | 65,50 | 22,22 | 44,45 | 106,00 | 57,50 | 13,00 | 556300 | 23,60 | B |
| Ap-02-25-88,90 | 88,90 | 38,10 | 66,60 | 22,25 | 44,45 | 107,10 | 60,50 | 13,00 | 516000 | 25,00 | B |
| Ap-02-26-88,90 | 88,90 | 38,10 | 66,60 | 22,25 | 44,45 | 107,10 | 54,00 | 13,00 | 635000 | 23,90 | B |
| Ap-02-27-103,20 | 103,20 | 38,60 | 67,10 | 22,22 | 44,45 | 107,60 | 54,00 | 13,00 | 635000 | 19,90 | B |
| Ap-02-28-103,20 | 103,20 | 47,60 | 76,10 | 22,22 | 44,45 | 116,60 | 50,80 | 13,00 | 200300 | 18,30 | B |
| Ap-02-29-103,20 | 103,20 | 47,60 | 76,10 | 22,22 | 44,45 | 116,60 | 54,00 | 13,00 | 412230 | 19,30 | B |
| Ap-02-30-103,20 | 103,20 | 47,60 | 76,10 | 22,22 | 44,45 | 116,60 | 57,00 | 13,00 | 527600 | 23,40 | B |
| Ap-02-31-103,20 | 103,20 | 49,20 | 77,70 | 22,22 | 44,45 | 118,20 | 54,00 | 13,00 | 635000 | 21,00 | B |
| Ap-02-32-103,20 | 103,20 | 49,20 | 84,20 | 22,22 | 44,45 | 130,70 | 60,00 | 16,00 | 690000 | 23,20 | B |
| Ap-02-33-103,20 | 103,20 | 49,20 | 77,70 | 22,90 | 46,00 | 118,20 | 60,00 | 13,00 | 539000 | 26,00 | B |
| Ap-02-34-103,45 | 103,45 | 49,20 | 79,70 | 23,80 | 45,24 | 122,20 | 63,50 | 14,00 | 596000 | 27,00 | B |
| Ap-02-35-103,90 | 103,90 | 47,60 | 78,10 | 25,40 | 50,80 | 122,60 | 70,00 | 14,00 | 569000 | 34,00 | B |
| Ap-02-36-103,90 | 103,90 | 49,20 | 80,70 | 25,40 | 50,80 | 126,20 | 70,00 | 14,50 | 865000 | 32,90 | B |
| Ap-02-37-103,90 | 103,90 | 49,20 | 84,20 | 26,70 | 46,00 | 127,70 | 70,00 | 16,00 | 1029000 | 32,00 | B |
| Ap-02-38-114,30 | 114,30 | 50,80 | 81,30 | 27,78 | 57,15 | 126,80 | 76,50 | 14,00 | 894500 | 32,90 | B |
| Ap-02-39-114,30 | 114,30 | 50,80 | 85,80 | 30,16 | 63,50 | 136,30 | 82,50 | 16,00 | 787700 | 48,00 | B |
| Ap-02-40-114,30 | 114,30 | 52,30 | 82,80 | 27,97 | 57,15 | 128,30 | 79,20 | 14,00 | 814000 | 38,00 | B |
| Ap-02-41-127,00 | 127,00 | 57,15 | 87,70 | 28,57 | 63,50 | 133,20 | 76,20 | 14,00 | 912300 | 38,00 | B |
| Ap-02-42-127,00 | 127,00 | 58,70 | 90,20 | 28,63 | 63,50 | 136,70 | 76,00 | 14,50 | 1090000 | 39,80 | B |
| Ap-02-43-127,00 | 127,00 | 65,08 | 95,60 | 31,75 | 63,50 | 145,10 | 82,50 | 14,00 | 887880 | 42,30 | B |
| Ap-02-44-127,00 | 127,00 | 65,08 | 106,10 | 34,92 | 63,50 | 166,60 | 88,90 | 19,00 | 1132500 | 55,00 | B |
| Ap-02-45-127,00 | 127,00 | 68,20 | 109,20 | 34,92 | 69,85 | 168,70 | 95,30 | 19,00 | 1059100 | 65,00 | B |
| Ap-02-46-127,00 | 127,00 | 68,20 | 103,20 | 31,75 | 63,50 | 156,70 | 89,00 | 16,00 | 1161500 | 52,50 | B |
| Ap-02-47-127,00 | 127,00 | 70,00 | 105,00 | 31,75 | 63,50 | 158,50 | 90,00 | 16,00 | 1560000 | 52,30 | B |
| Ap-02-48-140,00 | 140,00 | 80,00 | 123,00 | 35,00 | 65,00 | 185,50 | 90,00 | 20,00 | 1176000 | 59,20 | B |
| Ap-02-49-152,40 | 152,40 | 57,14 | 98,20 | 38,10 | 82,55 | 160,70 | 108,00 | 19,00 | 1201500 | 67,10 | B |
| Ap-02-50-152,40 | 152,40 | 74,60 | 115,60 | 38,10 | 76,20 | 178,10 | 108,00 | 19,00 | 1263800 | 70,30 | B |
| Ap-02-51-152,40 | 152,40 | 76,30 | 117,30 | 38,10 | 76,20 | 179,80 | 101,60 | 19,00 | 2070000 | 71,30 | B |



Ortadan klavuzlu (A)
Innenführung (A)
Inner guide (A)



Diştan klavuzlu (B)
Außenführung (B)
Outer guide (B)



| Zimaş No. | ISO | p mm. | b mm. | F mm. | h mm. | s mm. | Dizim sayısı | F _B N | q kg/m | Tip |
|-------------------|-----|--------|--------|--------|-------|-------|--------------|------------------|--------|-----|
| Sz-01-01-9,535-B | * | 9,535 | 12,50 | 18,00 | 10,80 | 1,50 | 10 | 14000 | 0,64 | B |
| Sz-01-02-9,535-B | * | 9,535 | 18,80 | 24,00 | 10,80 | 1,50 | 14 | 20500 | 0,86 | B |
| Sz-01-03-9,535-A | * | 9,535 | 26,50 | 29,00 | 10,80 | 1,50 | 17 | 26900 | 0,94 | A |
| Sz-01-04-9,535-A | * | 9,535 | 33,00 | 35,00 | 10,80 | 1,50 | 21 | 33500 | 1,16 | A |
| Sz-01-05-9,535-A | * | 9,535 | 39,00 | 42,00 | 10,80 | 1,50 | 25 | 39500 | 1,39 | A |
| Sz-02-01-12,70-B | * | 12,70 | 12,50 | 19,50 | 12,00 | 1,50 | 10 | 18000 | 0,83 | B |
| Sz-02-02-12,70-B | * | 12,70 | 19,00 | 25,00 | 12,00 | 1,50 | 14 | 26000 | 1,12 | B |
| Sz-02-03-12,70-A | * | 12,70 | 26,50 | 30,50 | 12,00 | 1,50 | 17 | 34100 | 1,39 | A |
| Sz-02-04-12,70-A | * | 12,70 | 33,00 | 36,50 | 12,00 | 1,50 | 21 | 42500 | 1,54 | A |
| Sz-02-05-12,70-A | * | 12,70 | 39,00 | 42,50 | 12,00 | 1,50 | 25 | 50500 | 1,84 | A |
| Sz-02-06-12,70-A | * | 12,70 | 51,50 | 55,50 | 12,00 | 1,50 | 33 | 67000 | 2,42 | A |
| Sz-02-07-12,70-A | * | 12,70 | 64,20 | 67,30 | 12,00 | 1,50 | 41 | 82500 | 3,02 | A |
| Sz-03-01-15,875-A | * | 15,875 | 27,00 | 30,00 | 15,50 | 2,00 | 13 | 45500 | 1,68 | A |
| Sz-03-02-15,875-A | * | 15,875 | 35,50 | 38,50 | 15,50 | 2,00 | 17 | 60500 | 2,31 | A |
| Sz-03-03-15,875-A | * | 15,875 | 43,70 | 46,50 | 15,50 | 2,00 | 21 | 75000 | 2,75 | A |
| Sz-03-04-15,875-A | * | 15,875 | 52,00 | 55,00 | 15,50 | 2,00 | 25 | 88500 | 3,35 | A |
| Sz-03-04-15,875-A | * | 15,875 | 69,00 | 71,50 | 15,50 | 2,00 | 33 | 117000 | 4,30 | A |
| Sz-04-01-19,05-A | ** | 19,05 | 35,50 | 39,50 | 20,00 | 2,00 | 17 | 73000 | 2,66 | A |
| Sz-04-02-19,05-A | ** | 19,05 | 44,00 | 47,50 | 20,00 | 2,00 | 21 | 90500 | 3,22 | A |
| Sz-04-03-19,05-A | ** | 19,05 | 52,00 | 55,50 | 20,00 | 2,00 | 25 | 107500 | 3,95 | A |
| Sz-04-04-19,05-A | ** | 19,05 | 68,50 | 72,50 | 20,00 | 2,00 | 33 | 141500 | 5,15 | A |
| Sz-04-05-19,05-A | ** | 19,05 | 77,00 | 80,50 | 20,00 | 2,00 | 37 | 159500 | 6,20 | A |
| Sz-05-01-25,40-A | ** | 25,40 | 53,00 | 57,00 | 24,40 | 3,00 | 17 | 126500 | 5,60 | A |
| Sz-05-02-25,40-A | ** | 25,40 | 65,00 | 69,00 | 24,40 | 3,00 | 21 | 156500 | 6,80 | A |
| Sz-05-03-25,40-A | ** | 25,40 | 77,50 | 81,50 | 24,40 | 3,00 | 25 | 186500 | 8,20 | A |
| Sz-05-04-25,40-A | ** | 25,40 | 103,00 | 107,00 | 24,40 | 3,00 | 33 | 244500 | 10,70 | A |
| Sz-05-05-25,40-A | ** | 25,40 | 127,00 | 131,00 | 24,40 | 3,00 | 41 | 303500 | 12,70 | A |
| Sz-06-01-38,10-A | ** | 38,10 | 65,50 | 71,50 | 37,50 | 3,00 | 21 | 256500 | 10,30 | A |
| Sz-06-02-38,10-A | ** | 38,10 | 78,00 | 84,00 | 37,50 | 3,00 | 25 | 305500 | 11,60 | A |
| Sz-06-03-38,10-A | ** | 38,10 | 103,00 | 109,00 | 37,50 | 3,00 | 33 | 402500 | 16,20 | A |
| Sz-06-04-38,10-A | ** | 38,10 | 127,50 | 133,50 | 37,50 | 3,00 | 41 | 499500 | 20,10 | A |
| Sz-06-05-38,10-A | ** | 38,10 | 153,00 | 159,00 | 37,50 | 3,00 | 49 | 599500 | 23,60 | A |
| Sz-07-01-50,80-A | ** | 50,80 | 104,00 | 110,00 | 49,00 | 4,00 | 25 | 489500 | 22,40 | A |
| Sz-07-02-50,80-A | ** | 50,80 | 120,00 | 126,00 | 49,00 | 4,00 | 29 | 569500 | 25,60 | A |

* Pimler yuvarlak olarak üretilmektedir.

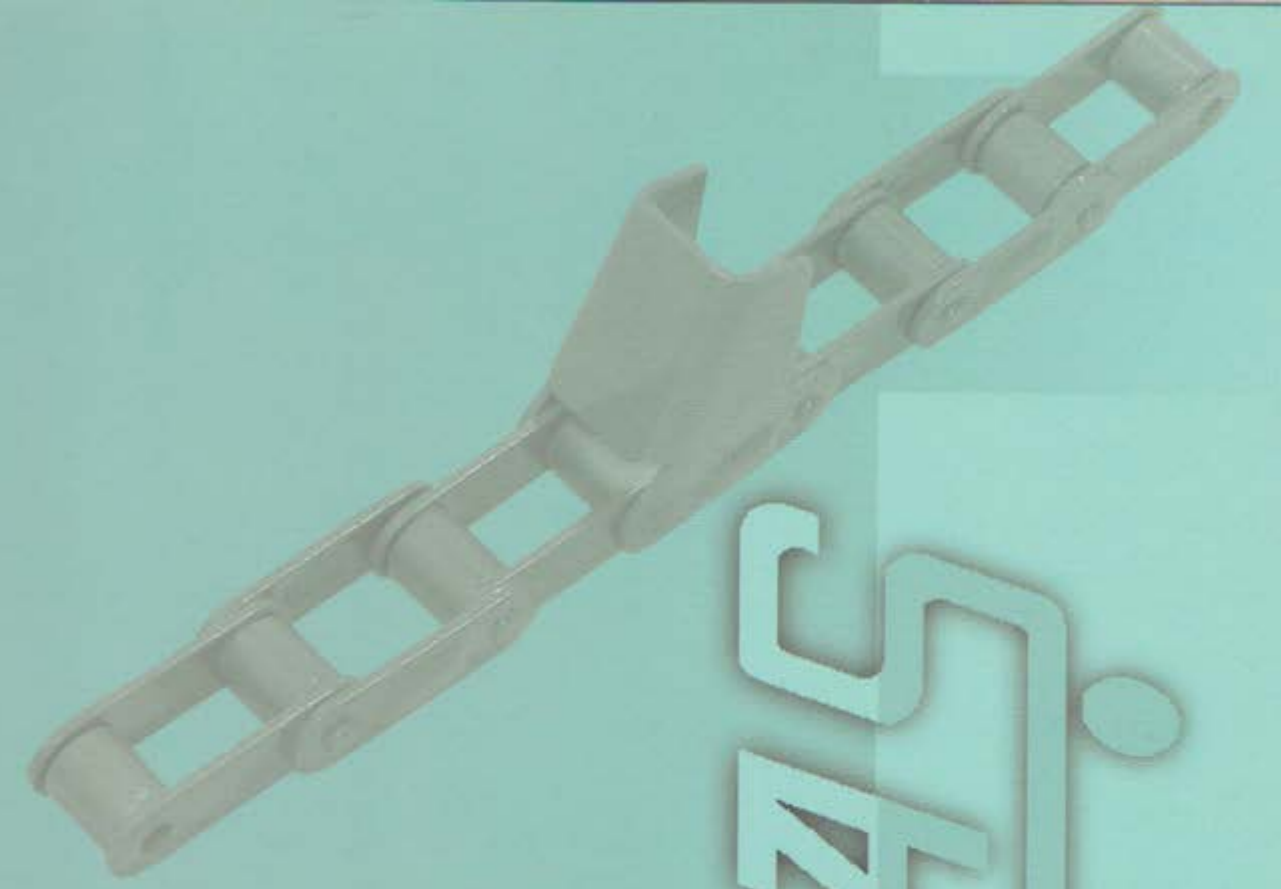
* V-Glieder Mit Versicherungsring

* With Segment Pin

** Pimler kamalı olarak üretilmektedir.

** V-Glieder Mit Splint

** With Cottered Pin



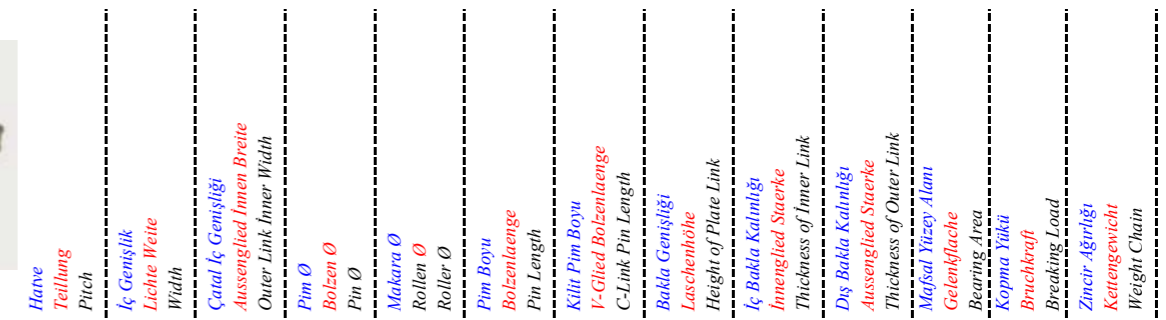
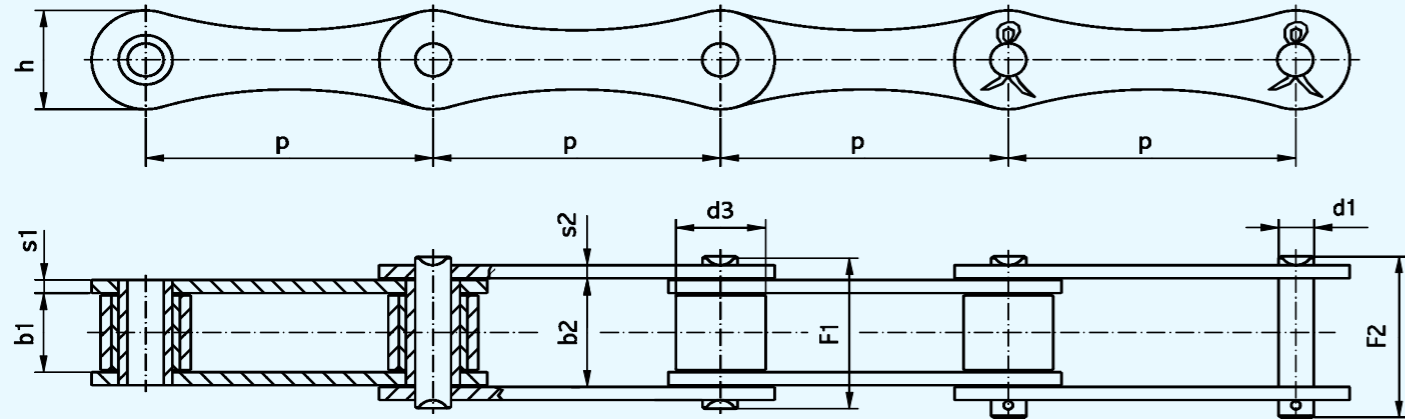
Ziimas

ZIRAAT ZINCIRLERI
LANDMASHINEN ROLLENKETTEN
AGRICULTURAL ROLLER CHAINS

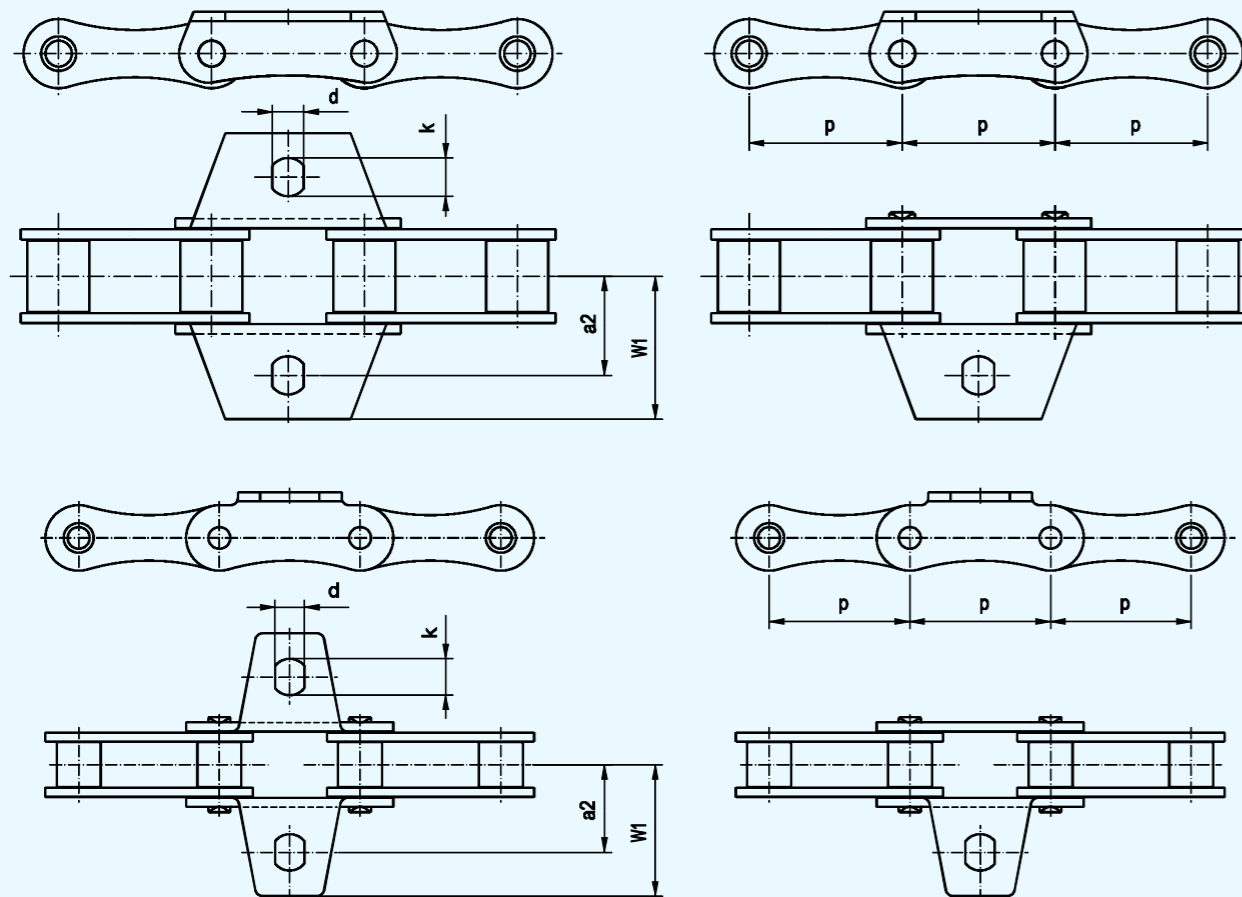
| | DIN | ISO | Sayfa |
|--|------|-----|---------|
| Ziraat Zincirleri | 8189 | 487 | E - 1.2 |
| Ziraat Zincirleri | 8189 | 487 | E - 2.1 |
| Ziraat Zincirleri | 8189 | - | E - 2.2 |
| Ziraat Zincirleri | 8189 | - | E - 3.1 |
| Ziraat Zincirleri (Norm Harici) | - | - | E - 3.2 |
| Ziraat Zincirleri (Norm Harici) | - | - | E - 4.1 |
| Mısır Tabla Zincirleri (Norm Harici) | - | - | E - 4.2 |
| Mısır Tabla Zincirleri (Norm Harici) | - | - | E - 5.1 |
| Mısır Tabla Zincirleri (Norm Harici) | - | - | E - 5.2 |

| | DIN | ISO | Seite |
|--|------|-----|---------|
| Landmaschinen Rollenketten | 8189 | 487 | E - 1.2 |
| Landmaschinen Rollenketten | 8189 | 487 | E - 2.1 |
| Landmaschinen Rollenketten | 8189 | - | E - 2.2 |
| Landmaschinen Rollenketten | 8189 | - | E - 3.1 |
| Landmaschinen Rollenketten (Werksnorm) | - | - | E - 3.2 |
| Landmaschinen Rollenketten (Werksnorm) | - | - | E - 4.1 |
| Mitnehmerglieder (Werksnorm) | - | - | E - 4.2 |
| Mitnehmerglieder (Werksnorm) | - | - | E - 5.1 |
| Mitnehmerglieder (Werksnorm) | - | - | E - 5.2 |

| | DIN | ISO | Page |
|---|------|-----|---------|
| Agricultural Roller Chains | 8189 | 487 | E - 1.2 |
| Agricultural Roller Chains | 8189 | 487 | E - 2.1 |
| Agricultural Roller Chains | 8189 | - | E - 2.2 |
| Agricultural Roller Chains | 8189 | - | E - 3.1 |
| Agricultural Roller Chains (to Works' standard) | - | - | E - 3.2 |
| Agricultural Roller Chains (to Works' standard) | - | - | E - 4.1 |
| Attachment Links (to Works' standard) | - | - | E - 4.2 |
| Attachment Links (to Works' standard) | - | - | E - 5.1 |
| Attachment Links (to Works' standard) | - | - | E - 5.2 |



| Zimaş No. | ISO | p mm. | b ₁ mm. | b ₂ mm. | d ₁ mm. | d ₃ mm. | F ₁ mm. | F ₂ mm. | h mm. | s ₁ mm. | s ₂ mm. | f cm. ² | F _B N | q kg/m |
|----------------|--------|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------|--------------------|--------------------|--------------------|------------------|--------|
| Zz-01-01-29,21 | S 32 | 29,21 | 15,88 | 19,80 | 4,47 | 11,43 | 25,30 | 27,00 | 12,80 | 1,60 | 1,60 | 0,90 | 8000 | 0,76 |
| Zz-01-02-34,93 | S 42 | 34,93 | 19,05 | 24,50 | 7,00 | 14,27 | 33,30 | 36,00 | 19,60 | 2,50 | 2,50 | 1,78 | 27000 | 1,61 |
| Zz-01-03-38,10 | S 51 | 38,10 | 15,50 | 21,20 | 5,72 | 15,24 | 30,00 | 33,00 | 18,00 | 2,60 | 2,60 | 1,00 | 17850 | 1,56 |
| Zz-01-04-38,10 | S 52 | 38,10 | 22,23 | 28,00 | 5,74 | 15,24 | 37,00 | 39,35 | 18,00 | 2,60 | 2,60 | 1,64 | 18000 | 1,56 |
| Zz-01-05-41,40 | S 45 | 41,40 | 22,23 | 28,00 | 5,72 | 15,24 | 37,00 | 39,35 | 19,00 | 2,60 | 2,60 | 1,64 | 18000 | 1,58 |
| Zz-01-06-41,40 | S 55 | 41,40 | 22,23 | 28,00 | 5,72 | 17,78 | 37,00 | 39,30 | 21,00 | 2,60 | 2,60 | 1,64 | 18000 | 1,65 |
| Zz-01-07-41,40 | CA 550 | 41,40 | 20,30 | 26,30 | 7,13 | 16,70 | 35,20 | 37,50 | 19,00 | 2,70 | 2,70 | 1,56 | 40000 | 2,08 |
| Zz-01-08-41,91 | S 62 | 41,91 | 25,40 | 32,00 | 5,94 | 19,05 | 41,50 | 44,50 | 17,00 | 3,00 | 3,00 | 1,82 | 27000 | 1,87 |
| Zz-01-09-58,34 | S 77 | 58,34 | 22,23 | | 8,92 | 18,26 | 43,70 | 47,70 | 26,00 | 4,00 | 4,00 | 1,64 | 44500 | 2,57 |
| Zz-01-10-66,27 | S 88 | 66,27 | 28,58 | 37,20 | 8,92 | 22,86 | 50,00 | 54,00 | 26,20 | 4,00 | 4,00 | 3,32 | 44500 | 3,26 |

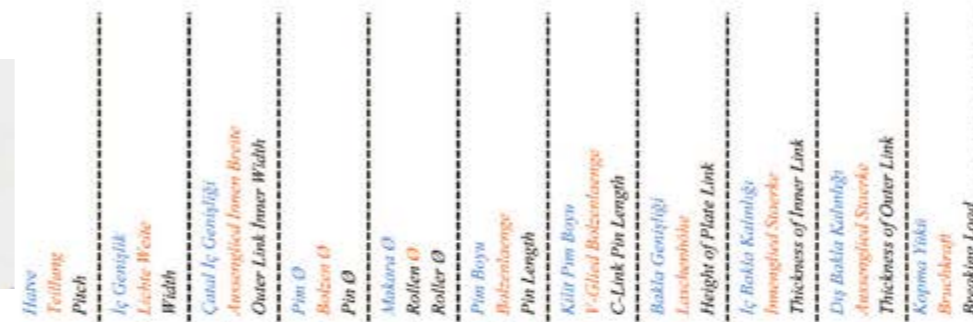
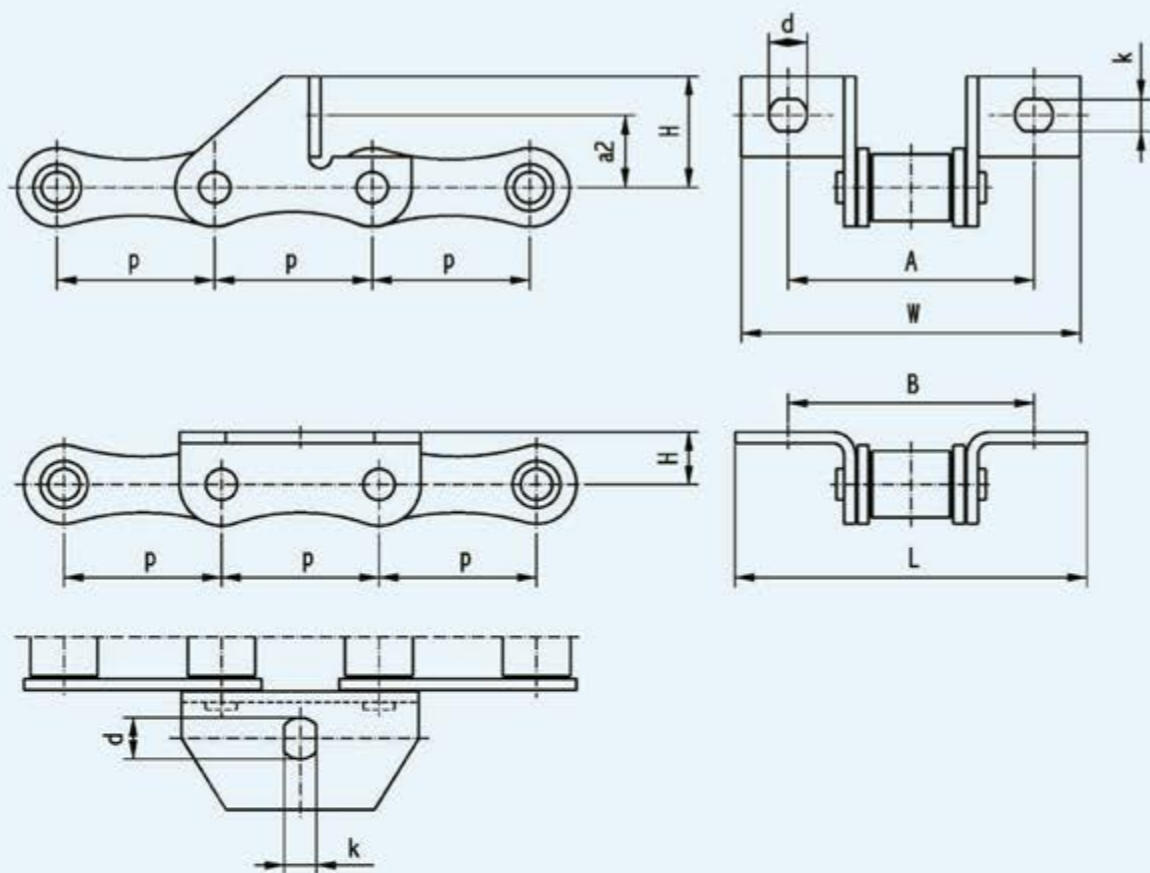
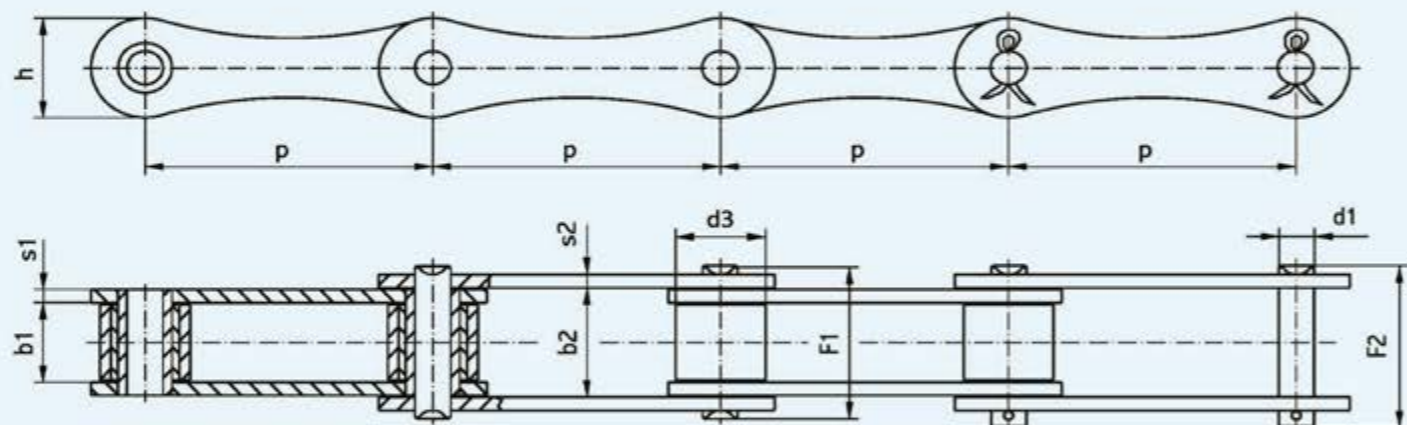


| Zimaş No. | ISO | p mm. | a ₂ * mm. | H* mm. | d mm. | k mm. | W ₁ mm. |
|----------------|--------|-------|----------------------|--------|-------|-------|--------------------|
| Zz-02-01-29,21 | S 32 | 29,21 | 21,60 | 8,10 | 5,50 | 7,00 | 31,80 |
| Zz-02-02-34,93 | S 42 | 34,93 | 27,50 | 14,00 | 8,30 | 12,50 | 39,75 |
| Zz-02-03-38,10 | S 51 | 38,10 | 24 | 13,80 | 8,50 | 10,50 | 36,00 |
| Zz-02-04-38,10 | S 52 | 38,10 | 25,80 | 14,80 | 8,50 | 10,50 | 38,30 |
| Zz-02-05-41,40 | S 45 | 41,40 | 27,40 | 13,80 | 8,50 | 10,50 | 38,50 |
| Zz-02-06-41,40 | S 55 | 41,40 | 27,40 | 13,80 | 8,50 | 10,50 | 38,50 |
| Zz-02-07-41,40 | CA 550 | 41,40 | 29,25 | 11,10 | 8,50 | 10,50 | 41,25 |
| Zz-02-08-41,91 | S 62 | 41,91 | 33,70 | 11,50 | 6,60 | 14,70 | 47,70 |
| Zz-02-09-58,34 | S 77 | 58,34 | 41,00 | 20,80 | 8,50 | 13,00 | 56,00 |
| Zz-02-10-66,27 | S 88 | 66,27 | 48,45 | 20,80 | 8,30 | 10,00 | 59,70 |

* Serbest Ölçü

* Fraimaß

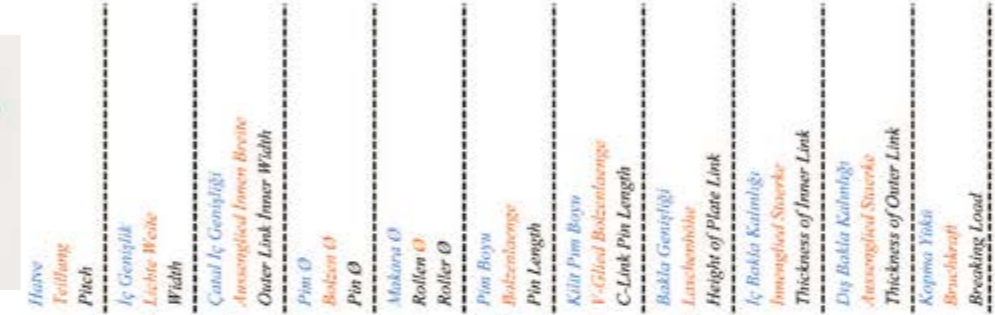
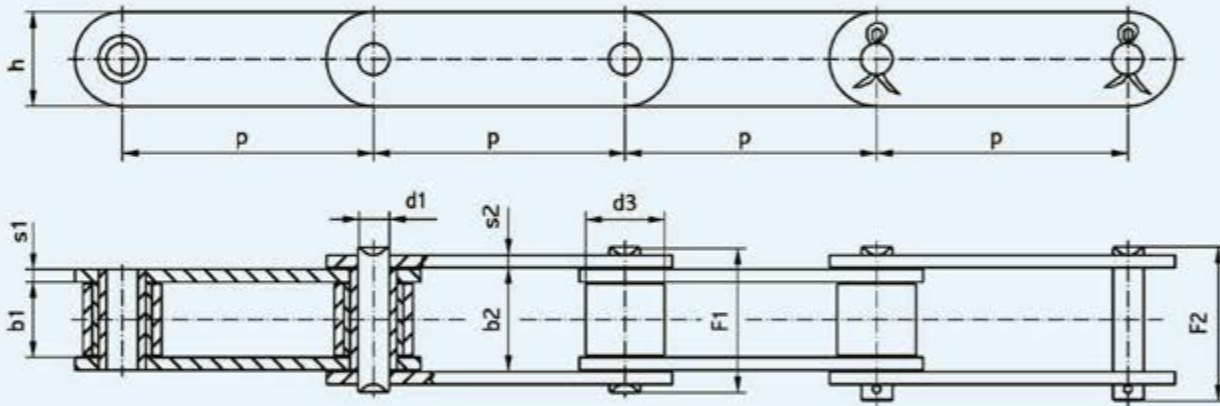
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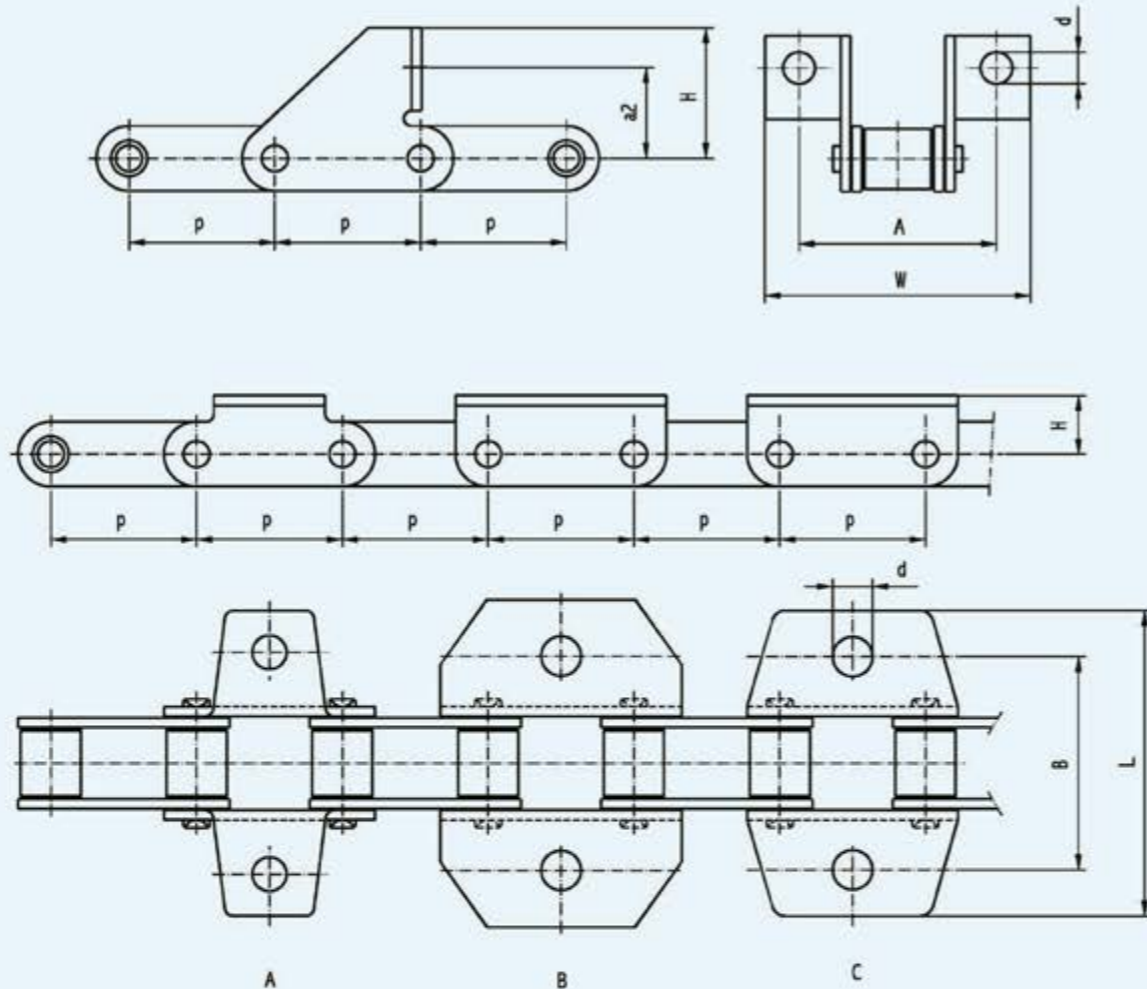
| Zimaş No. | ISO | p mm. | b ₁ mm. | b ₂ mm. | d ₁ mm. | d ₃ mm. | F ₁ mm. | F ₂ mm. | h mm. | s ₁ mm. | s ₂ mm. | F _B N |
|----------------|----------|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------|--------------------|--------------------|------------------|
| Zz-03-01-38,10 | S 51 H | 38,10 | 15,50 | 22,00 | 7,00 | 15,24 | 32,00 | 35,00 | 20,00 | 3,00 | 3,00 | 35000 |
| Zz-03-02-41,40 | S 45 H | 41,40 | 22,23 | 29,00 | 8,28 | 15,24 | 39,00 | 42,50 | 22,00 | 3,00 | 3,00 | 42000 |
| Zz-03-03-41,30 | CA 642 H | 41,30 | 22,23 | 28,70 | 8,28 | 15,88 | 39,00 | 42,50 | 21,00 | 3,00 | 3,00 | 35000 |
| Zz-03-04-41,40 | S 55 H | 41,40 | 22,23 | 29,00 | 8,28 | 17,78 | 39,00 | 42,50 | 21,00 | 3,00 | 3,00 | 35000 |



| Zimaş No. | ISO | p mm. | A mm. | W mm. | d mm. | k mm. | a ₂ mm. | H mm. | B mm. | L mm. |
|----------------|----------|-------|-------|-------|-------|-------|--------------------|-------|-------|-------|
| Zz-04-01-38,10 | S 51 H | 38,10 | 54,50 | 89,50 | 10,00 | 8,50 | 19,00 | 29,00 | - | - |
| Zz-04-02-41,40 | S 51 H | 38,10 | - | - | 10,50 | 8,50 | - | 12,50 | 50,00 | 74,00 |
| Zz-04-03-41,40 | S 45 H | 41,40 | 64,40 | 89,00 | 10,00 | 8,50 | 19,30 | 30,00 | - | - |
| Zz-04-04-41,30 | CA 642 H | 41,30 | 60,00 | 79,50 | 6,50 | - | 26,50 | 38,00 | - | - |
| Zz-04-05-41,30 | CA 642 H | 41,30 | - | - | 10,50 | - | - | 14,00 | 70,00 | 92,00 |
| Zz-04-06-41,40 | S 55 H | 41,40 | 64,40 | 89,00 | 10,00 | 8,50 | 19,30 | 30,00 | - | - |
| Zz-04-07-41,40 | S 55 H | 41,40 | - | - | 11,00 | 8,50 | - | 14,00 | 54,00 | 92,00 |



| Zimaş No. | ISO | p mm. | b ₁ mm. | b ₂ mm. | d ₁ mm. | d ₃ mm. | F ₁ mm. | F ₂ mm. | h mm. | s ₁ mm. | s ₂ mm. | F _B N |
|----------------|-----|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------|--------------------|--------------------|------------------|
| Zz-05-01-30,00 | - | 30,00 | 19,00 | 25,50 | 8,28 | 15,88 | 36,00 | 39,30 | 20,00 | 3,00 | 3,00 | 33000 |
| Zz-05-02-38,40 | - | 38,40 | 19,05 | 24,80 | 6,92 | 15,88 | 34,20 | 36,50 | 17,20 | 2,60 | 2,60 | 26000 |
| Zz-05-03-38,40 | - | 38,40 | 17,60 | 24,00 | 7,00 | 15,88 | 33,40 | 35,50 | 18,00 | 3,00 | 3,00 | 26000 |
| Zz-05-04-38,40 | - | 38,40 | 19,00 | 25,50 | 8,28 | 15,88 | 36,00 | 39,30 | 20,00 | 3,00 | 3,00 | 33000 |

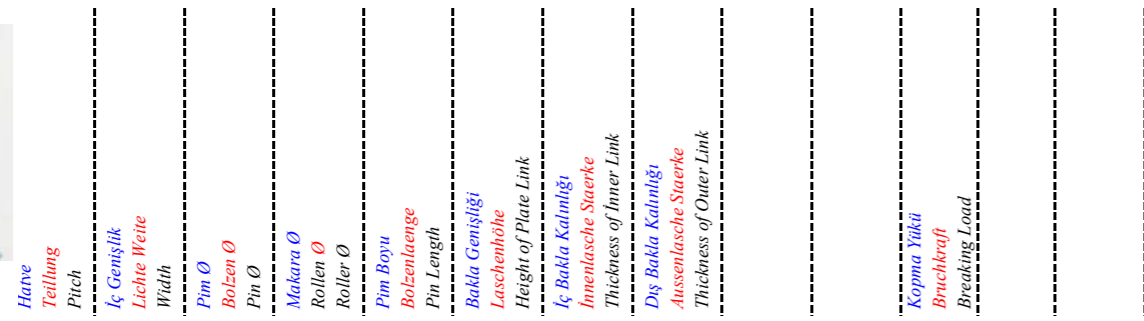


| Zimaş No. | ISO | p mm. | A mm. | W mm. | d mm. | a ₂ mm. | H mm. | B mm. | L mm. | d ₁ mm. | Tip Type |
|----------------|-----|-------|-------|-------|-------|--------------------|-------|-------|-------|--------------------|----------|
| Zz-06-01-38,40 | - | 38,40 | 52,00 | 70,00 | 8,40 | 24,00 | 34,50 | - | - | 6,92 | |
| Zz-06-02-38,40 | - | 38,40 | - | - | 9,00 | - | 15,00 | 58,00 | 80,00 | 7,00 | A |
| Zz-06-03-38,40 | - | 38,40 | - | - | 10,50 | - | 14,00 | 57,50 | 88,20 | 8,28 | B |
| Zz-06-04-38,40 | - | 38,40 | - | - | 10,50 | - | 15,50 | 56,50 | 81,00 | 6,92 | C |

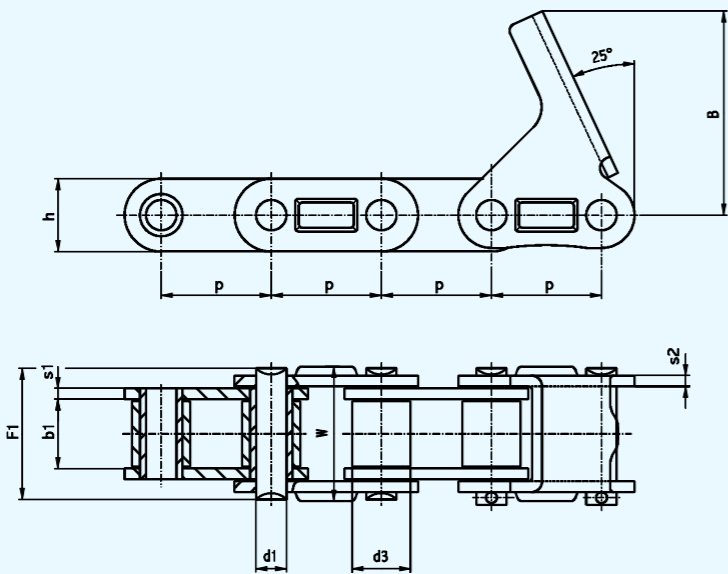
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NORM HARİCİ

MITNEHMERGLIEDER
WERKSNORM

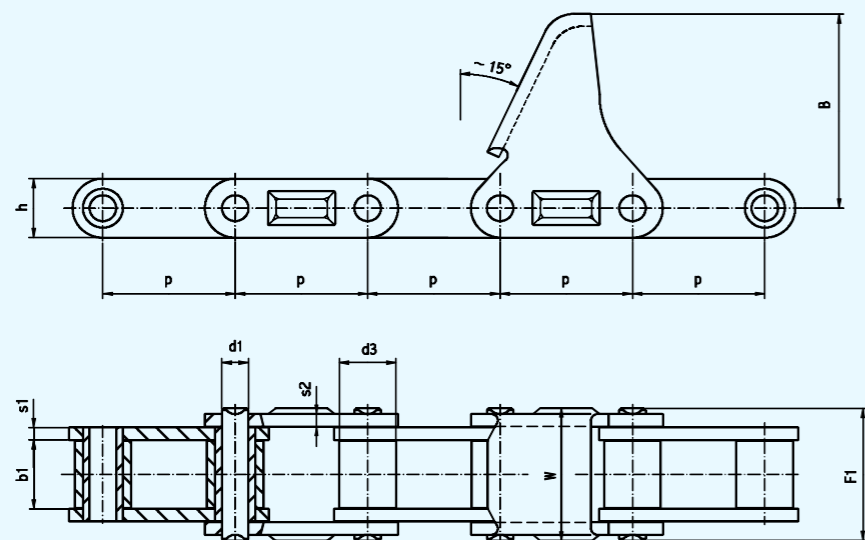
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CHAIN TO WORKS STANDARD



| Zimaş No. | ISO | p mm. | b ₁ mm. | d ₁ mm. | d ₃ mm. | F ₁ mm. | h mm. | s ₁ mm. | s ₂ mm. | B mm. | W mm. | F _B N |
|----------------|-----|-------|--------------------|--------------------|--------------------|--------------------|-------|--------------------|--------------------|-------|-------|------------------|
| Mt-01-01-30 | - | 30,00 | 19,00 | 8,28 | 15,88 | 36,00 | 20,00 | 3,00 | 3,00 | 57,00 | 37,00 | 35000 |
| Mt-01-02-38,40 | - | 38,40 | 12,70 | 5,94 | 11,91 | 29,00 | 18,00 | 3,00 | 3,00 | 57,00 | 29,50 | 40000 |



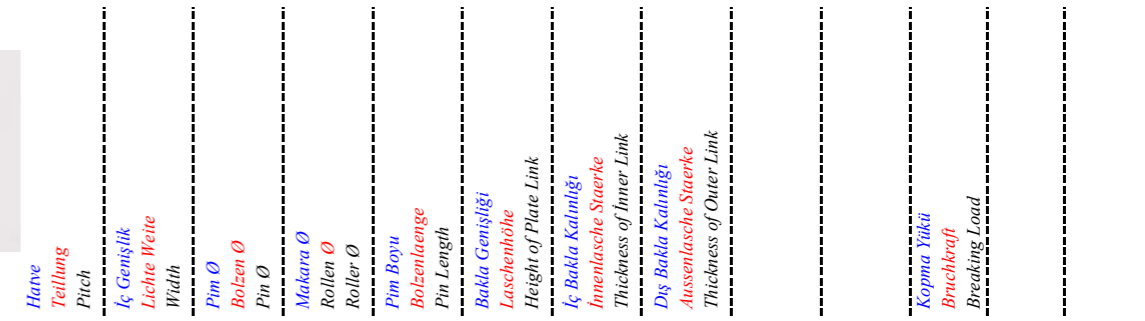
| Zimaş No. | ISO | p mm. | b ₁ mm. | d ₁ mm. | d ₃ mm. | F ₁ mm. | h mm. | s ₁ mm. | s ₂ mm. | B mm. | W mm. | F _B N |
|----------------|----------|-------|--------------------|--------------------|--------------------|--------------------|-------|--------------------|--------------------|-------|-------|------------------|
| Mt-02-01-38,10 | C 2060 H | 38,10 | 12,70 | 5,94 | 11,91 | 25,80 | 17,20 | 2,40 | 2,40 | 63,50 | 26,80 | 31800 |
| Mt-02-02-41,40 | - | 41,40 | 13,00 | 7,13 | 16,70 | 29,50 | 19,00 | 3,00 | 3,00 | 63,50 | 29,70 | 40000 |



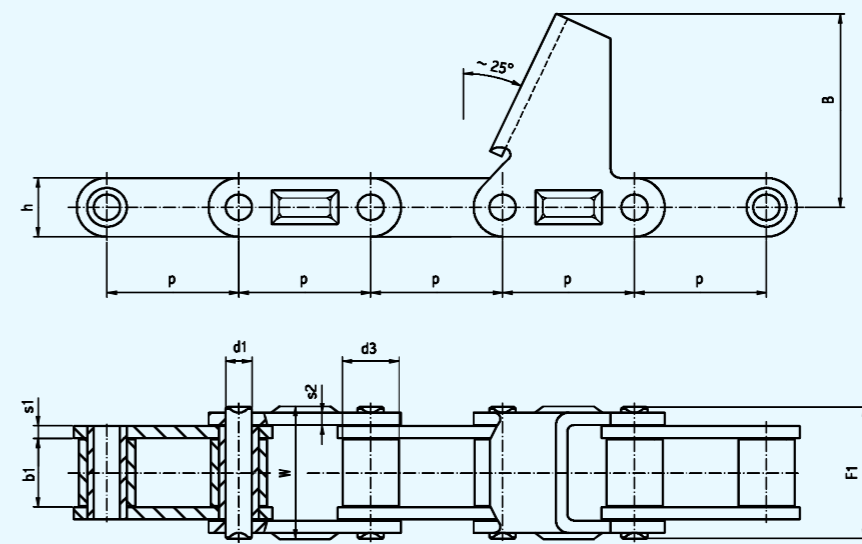
MISIR TABLA ZİNCİRLERİ
NORM HARİCİ

MITNEHMERGLIEDER
WERKSNORM

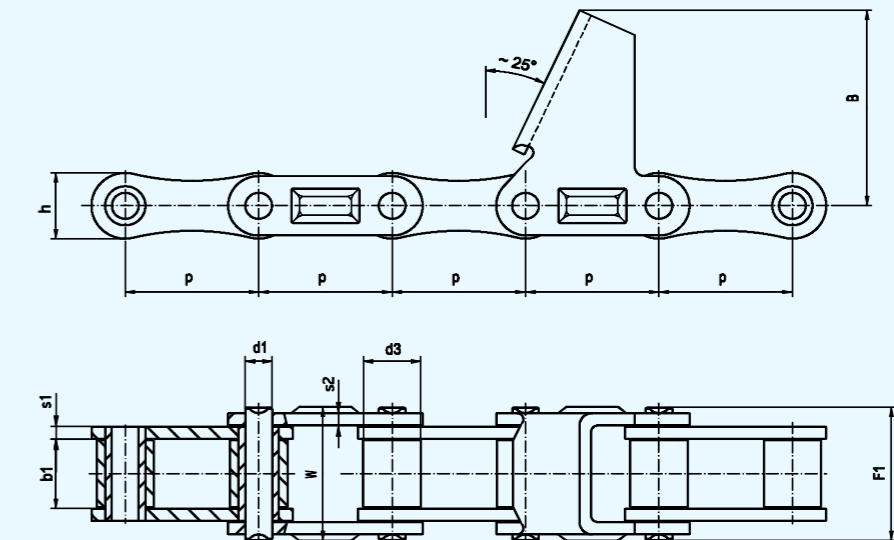
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CHAIN TO WORKS STANDARD

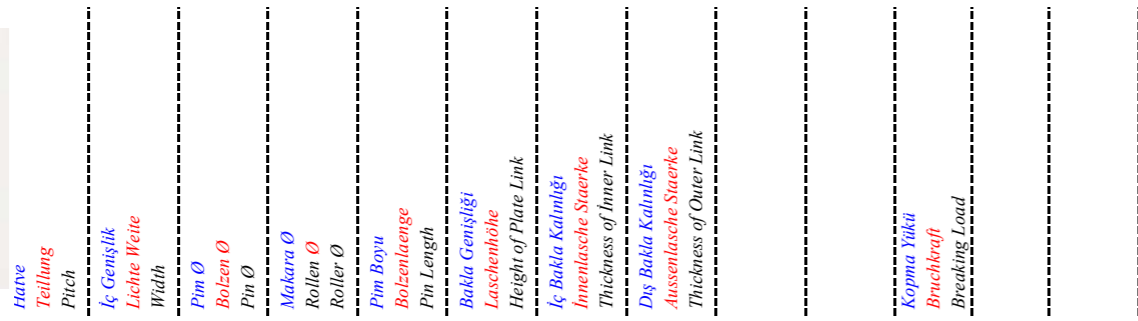


| Zimaş No. | ISO | p mm. | b ₁ mm. | d ₁ mm. | d ₃ mm. | F ₁ mm. | h mm. | s ₁ mm. | s ₂ mm. | B mm. | W mm. | F _B N |
|----------------|--------|-------|--------------------|--------------------|--------------------|--------------------|-------|--------------------|--------------------|-------|-------|------------------|
| Mt-03-01-41,40 | CA 550 | 41,40 | 20,30 | 7,13 | 16,70 | 35,20 | 19,00 | 2,70 | 2,70 | 62,50 | 36,00 | 40000 |

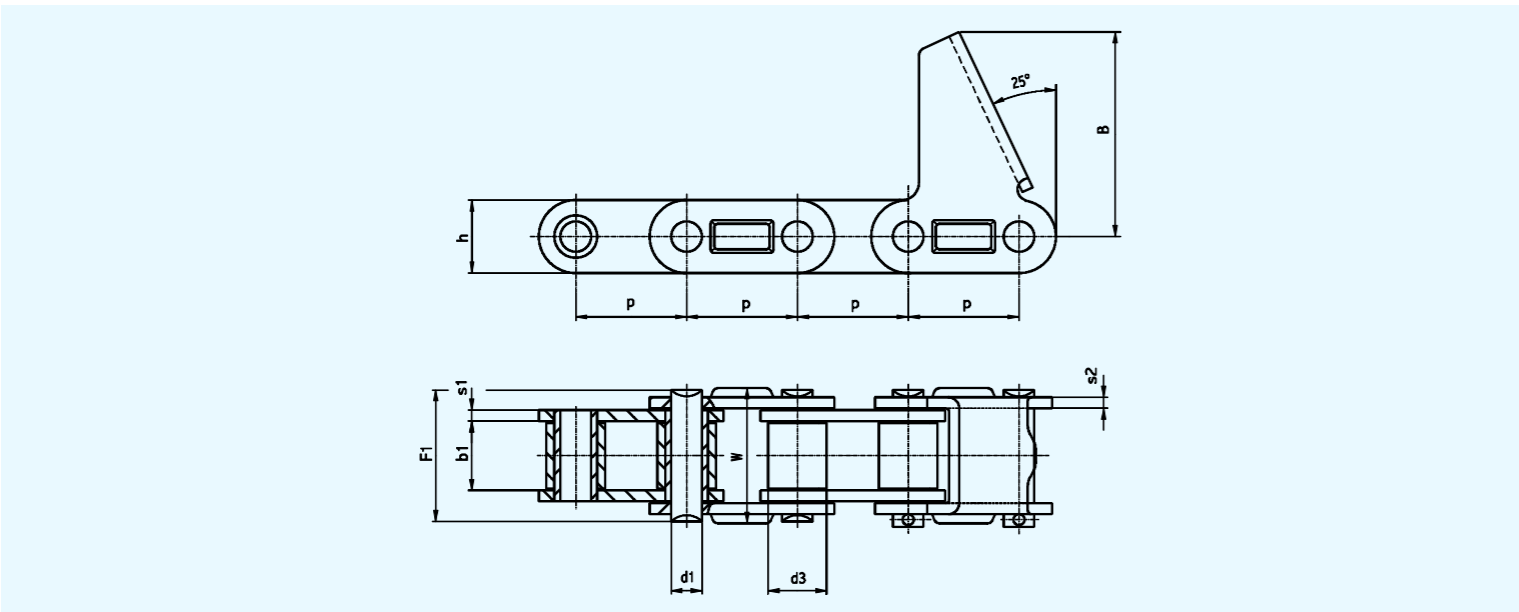


| Zimaş No. | ISO | p mm. | b ₁ mm. | d ₁ mm. | d ₃ mm. | F ₁ mm. | h mm. | s ₁ mm. | s ₂ mm. | B mm. | W mm. | F _B N |
|----------------|-----|-------|--------------------|--------------------|--------------------|--------------------|-------|--------------------|--------------------|-------|-------|------------------|
| Mt-04-01-41,40 | - | 41,40 | 22,23 | 8,28 | 17,78 | 42,50 | 21,00 | 4,00 | 4,00 | 62,50 | 43,80 | 42000 |

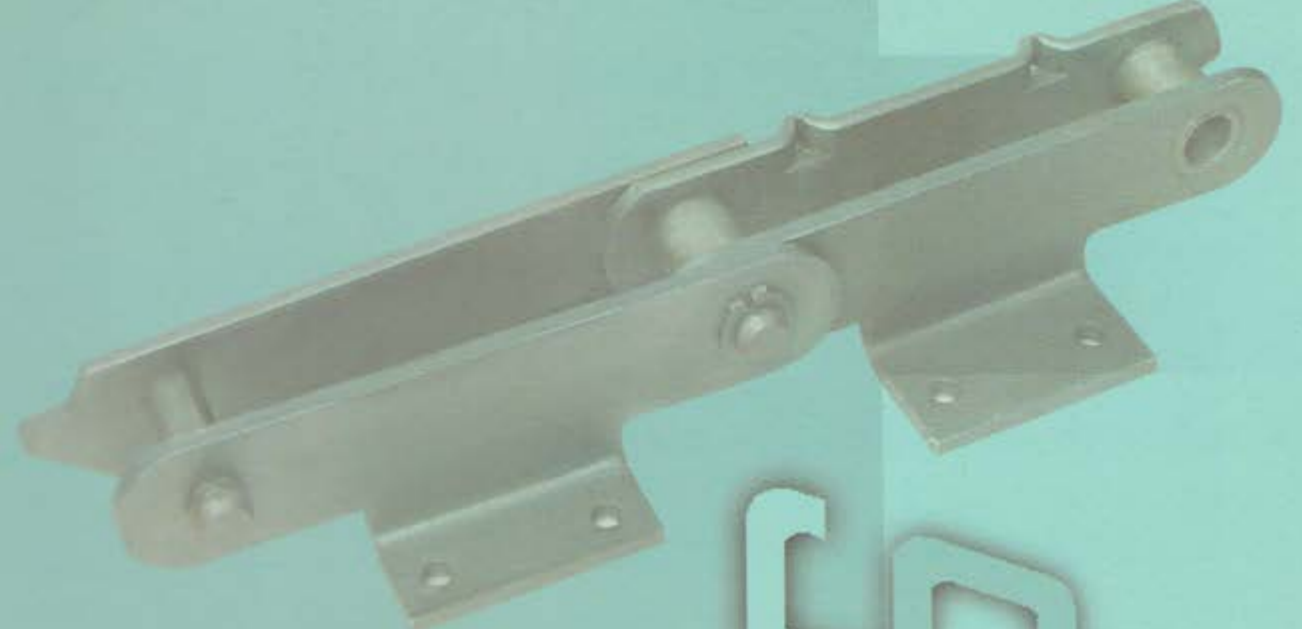
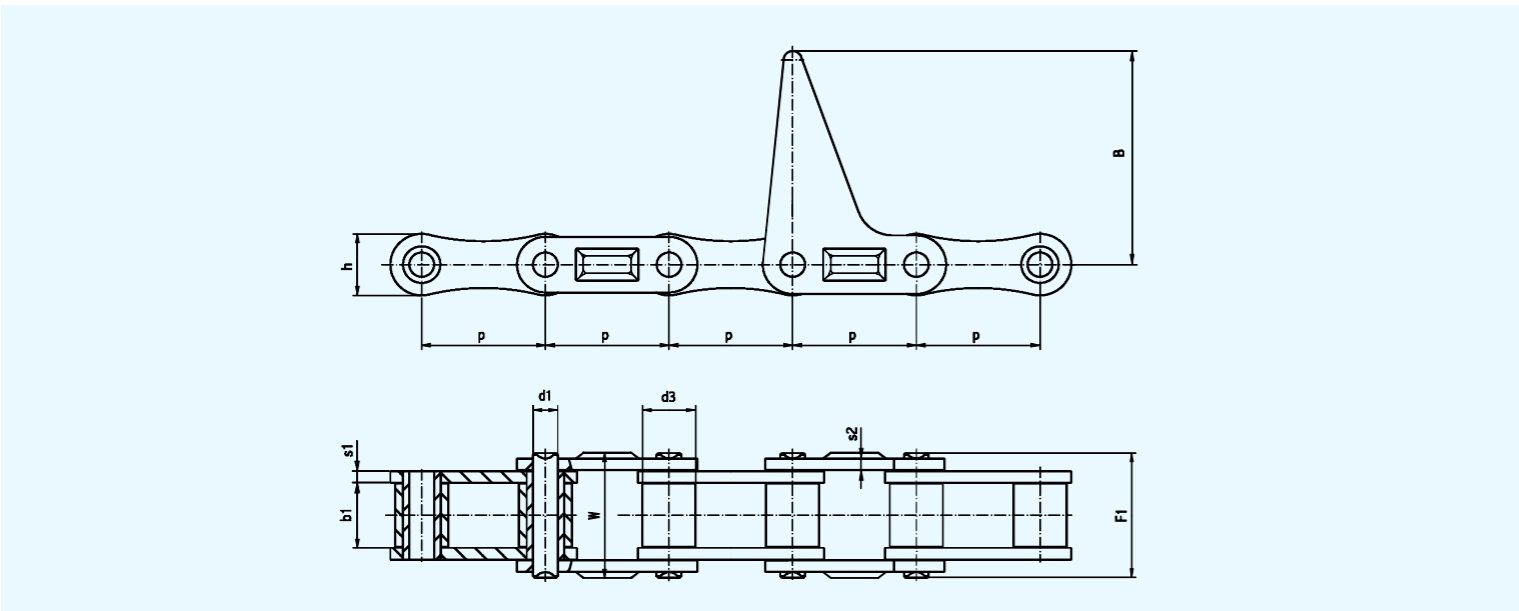




| Zımaş No. | ISO | p mm. | b ₁ mm. | d ₁ mm. | d ₃ mm. | F ₁ mm. | h mm. | s ₁ mm. | s ₂ mm. | B mm. | W mm. | F _B N |
|----------------|-----|-------|--------------------|--------------------|--------------------|--------------------|-------|--------------------|--------------------|-------|-------|------------------|
| Mt-05-01-38,40 | - | 38,40 | 19,00 | 8,28 | 15,88 | 36,00 | 20,00 | 3,00 | 3,00 | 63,00 | 37,00 | 35000 |



| | | | | | | | | | | | | |
|----------------|---|-------|-------|------|-------|-------|-------|------|------|-------|-------|-------|
| Mt-06-01-41,40 | - | 41,40 | 22,23 | 8,28 | 17,78 | 42,50 | 21,00 | 4,00 | 4,00 | 73,00 | 42,80 | 42000 |
|----------------|---|-------|-------|------|-------|-------|-------|------|------|-------|-------|-------|



FÖRDEYER ZINCİRLER
FÖRDERKETTEN
CONVEYOR CHAINS



Tablo İçindekiler
Bölüm F

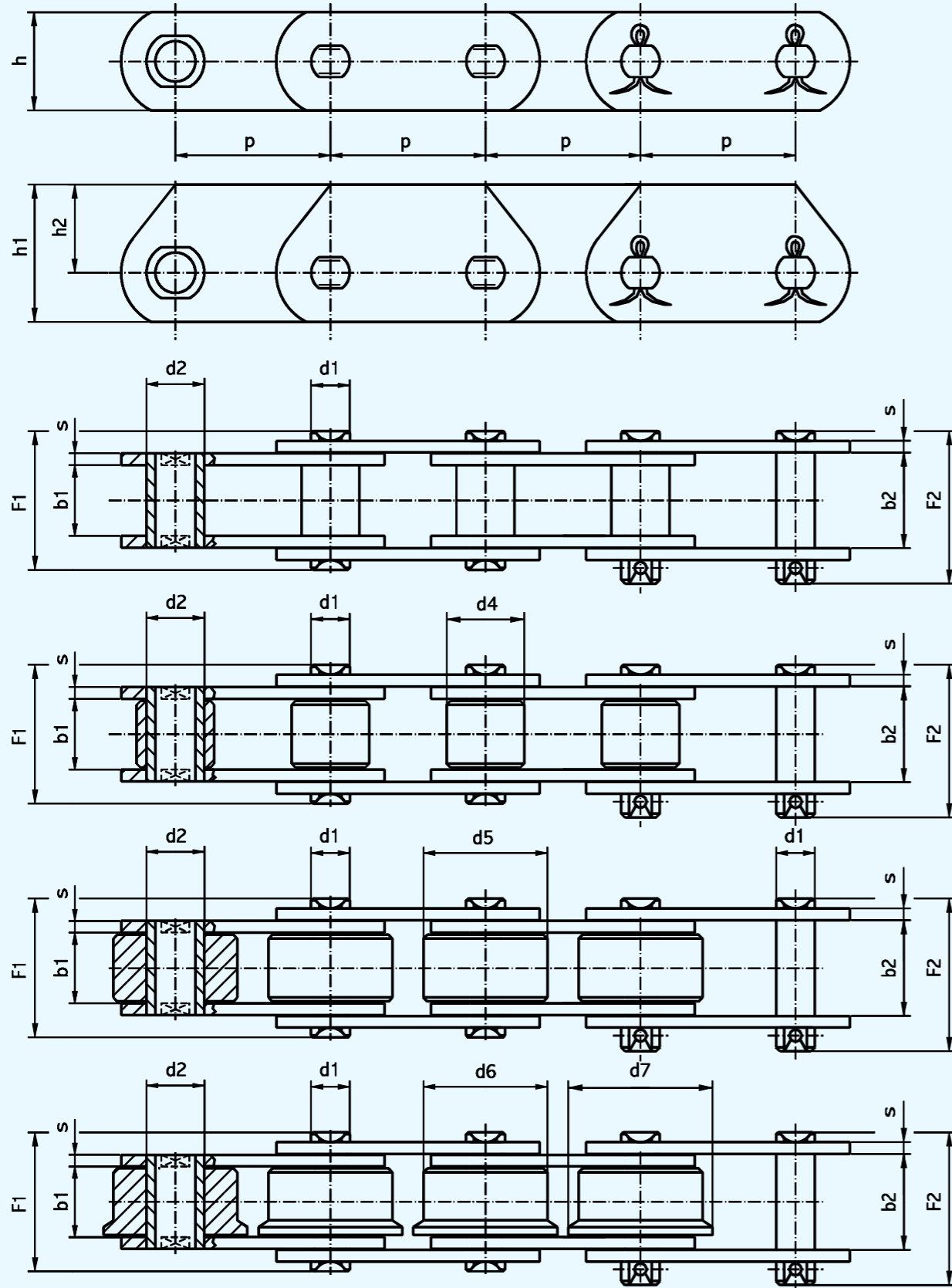
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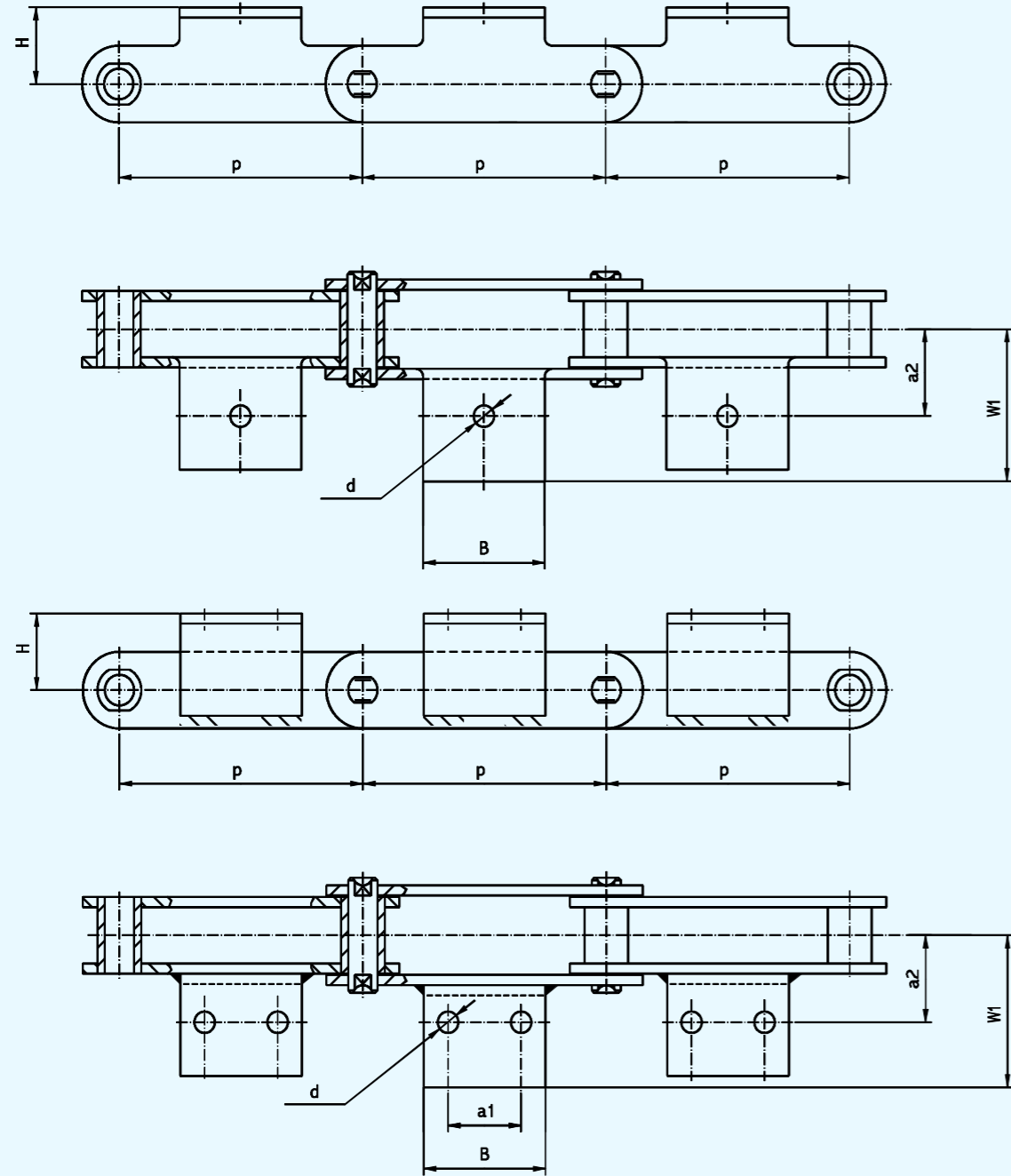
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| Hollow Pin Chains | 8168 | R 1977 | F - 11.1 |



| ZİMAŞ No. | DIN | p mm. | b ₁ mm. | b ₂ mm. | d ₁ mm. | d ₂ mm. | d ₄ mm. | d ₅ mm. | d ₆ /d ₇ mm. | e mm. | F ₁ mm. | F ₂ mm. | h mm. | s mm. | h ₁ mm. | h ₂ mm. | f cm. ² | F _B N min. |
|--------------|--------|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------------------------|-------|--------------------|--------------------|-------|-------|--------------------|--------------------|--------------------|-----------------------|
| Fz-01-01-040 | FV 40 | 40 | 18 | 25 | 10 | 15 | 20 | 32 | - | 4 | 36,00 | 39,50 | 26 | 3 | 35 | 22 | 2,50 | 42000 |
| Fz-01-01-063 | | 63 | | | | | | | 40/50 | | | | | | | | | |
| Fz-01-01-100 | | 100 | | | | | | | | | | | | | | | | |
| Fz-01-02-063 | FV 63 | 63 | 22 | 31 | 12 | 18 | 26 | 40 | - | 5 | 45,00 | 48,50 | 30 | 4 | 40 | 25 | 3,72 | 64000 |
| Fz-01-02-100 | | 100 | | | | | | | 50/63 | | | | | | | | | |
| Fz-01-02-125 | | 125 | | | | | | | | | | | | | | | | |
| Fz-01-02-160 | | 160 | | | | | | | | | | | | | | | | |
| Fz-01-03-063 | FV 90 | 63 | 25 | 36 | 14 | 20 | 30 | 48 | - | 6,50 | 52,00 | 56,50 | 35 | 5 | 45 | 27,50 | 5,04 | 100000 |
| Fz-01-03-100 | | 100 | | | | | | | 63/78 | | | | | | | | | |
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| Fz-01-03-250 | | 250 | | | | | | | | | | | | | | | | |
| Fz-01-04-100 | FV 112 | 100 | 30 | 43 | 16 | 22 | 32 | 55 | 72/90 | 7,50 | 62,00 | 66,50 | 40 | 6 | 50 | 30 | 6,88 | 120000 |
| Fz-01-04-125 | | 125 | | | | | | | | | | | | | | | | |
| Fz-01-04-160 | | 160 | | | | | | | | | | | | | | | | |
| Fz-01-04-200 | | 200 | | | | | | | | | | | | | | | | |
| Fz-01-04-250 | | 250 | | | | | | | | | | | | | | | | |
| Fz-01-05-100 | FV 140 | 100 | 35 | 48 | 18 | 26 | 36 | 60 | - | 9 | 68,00 | 72,50 | 45 | 6 | 60 | 37,50 | 8,64 | 145000 |
| Fz-01-05-125 | | 125 | | | | | | | 80/100 | | | | | | | | | |
| Fz-01-05-160 | | 160 | | | | | | | | | | | | | | | | |
| Fz-01-05-200 | | 200 | | | | | | | | | | | | | | | | |
| Fz-01-05-250 | | 250 | | | | | | | | | | | | | | | | |
| Fz-01-05-315 | | 315 | | | | | | | | | | | | | | | | |
| Fz-01-06-125 | FV 180 | 125 | 45 | 63 | 20 | 30 | 42 | 70 | - | 13 | 87,00 | 92,50 | 50 | 8 | 70 | 45 | 12,60 | 190000 |
| Fz-01-06-160 | | 160 | | | | | | | 100/125 | | | | | | | | | |
| Fz-01-06-200 | | 200 | | | | | | | | | | | | | | | | |
| Fz-01-06-250 | | 250 | | | | | | | | | | | | | | | | |
| Fz-01-06-315 | | 315 | | | | | | | | | | | | | | | | |
| Fz-01-06-400 | | 400 | | | | | | | | | | | | | | | | |
| Fz-01-07-125 | FV 250 | 125 | 55 | 73 | 26 | 36 | 50 | 80 | - | 15 | 99,00 | 105,50 | 60 | 8 | 80 | 50 | 18,98 | 275000 |
| Fz-01-07-160 | | 160 | | | | | | | 125/155 | | | | | | | | | |
| Fz-01-07-200 | | 200 | | | | | | | | | | | | | | | | |
| Fz-01-07-250 | | 250 | | | | | | | | | | | | | | | | |
| Fz-01-07-315 | | 315 | | | | | | | | | | | | | | | | |
| Fz-01-07-400 | | 400 | | | | | | | | | | | | | | | | |
| Fz-01-08-160 | FV 315 | 160 | 65 | 87 | 30 | 42 | 60 | 90 | - | 18 | 119,00 | 125,50 | 70 | 10 | 90 | 55 | 26,10 | 370000 |
| Fz-01-08-200 | | 200 | | | | | | | 140/175 | | | | | | | | | |
| Fz-01-08-250 | | 250 | | | | | | | | | | | | | | | | |
| Fz-01-08-315 | | 315 | | | | | | | | | | | | | | | | |
| Fz-01-08-400 | | 400 | | | | | | | | | | | | | | | | |
| Fz-01-09-160 | FV 400 | 160 | 70 | 96 | 32 | 44 | 60 | 100 | - | 20 | 133,00 | 141,50 | 70 | 12 | 90 | 55 | 30,72 | 410000 |
| Fz-01-09-200 | | 200 | | | | | | | 150/190 | | | | | | | | | |
| Fz-01-09-250 | | 250 | | | | | | | | | | | | | | | | |
| Fz-01-09-315 | | 315 | | | | | | | | | | | | | | | | |
| Fz-01-09-400 | | 400 | | | | | | | | | | | | | | | | |
| Fz-01-10-160 | FV 500 | 160 | 80 | 106 | 36 | 50 | 70 | 110 | - | 21 | 145,00 | 153,50 | 80 | 12 | 100 | 60 | 38,10 | 540000 |
| Fz-01-10-200 | | 200 | | | | | | | | | | | | | | | | |
| Fz-01-10-250 | | 250 | | | | | | | 160/200 | | | | | | | | | |
| Fz-01-10-315 | | 315 | | | | | | | | | | | | | | | | |
| Fz-01-10-400 | | 400 | | | | | | | | | | | | | | | | |
| Fz-01-11-200 | FV 630 | 200 | 90 | 116 | 42 | 56 | 80 | 120 | - | 22 | 156,00 | 164,50 | 100 | 12 | 120 | 70 | 48,72 | 630000 |
| Fz-01-11-250 | | 250 | | | | | | | 170/215 | | | | | | | | | |
| Fz-01-11-315 | | 315 | | | | | | | | | | | | | | | | |
| Fz-01-11-400 | | 400 | | | | | | | | | | | | | | | | |
| Fz-01-11-500 | | 500 | | | | | | | | | | | | | | | | |



Kulaklı Baklalar
Befestigungslaschen
Attachments

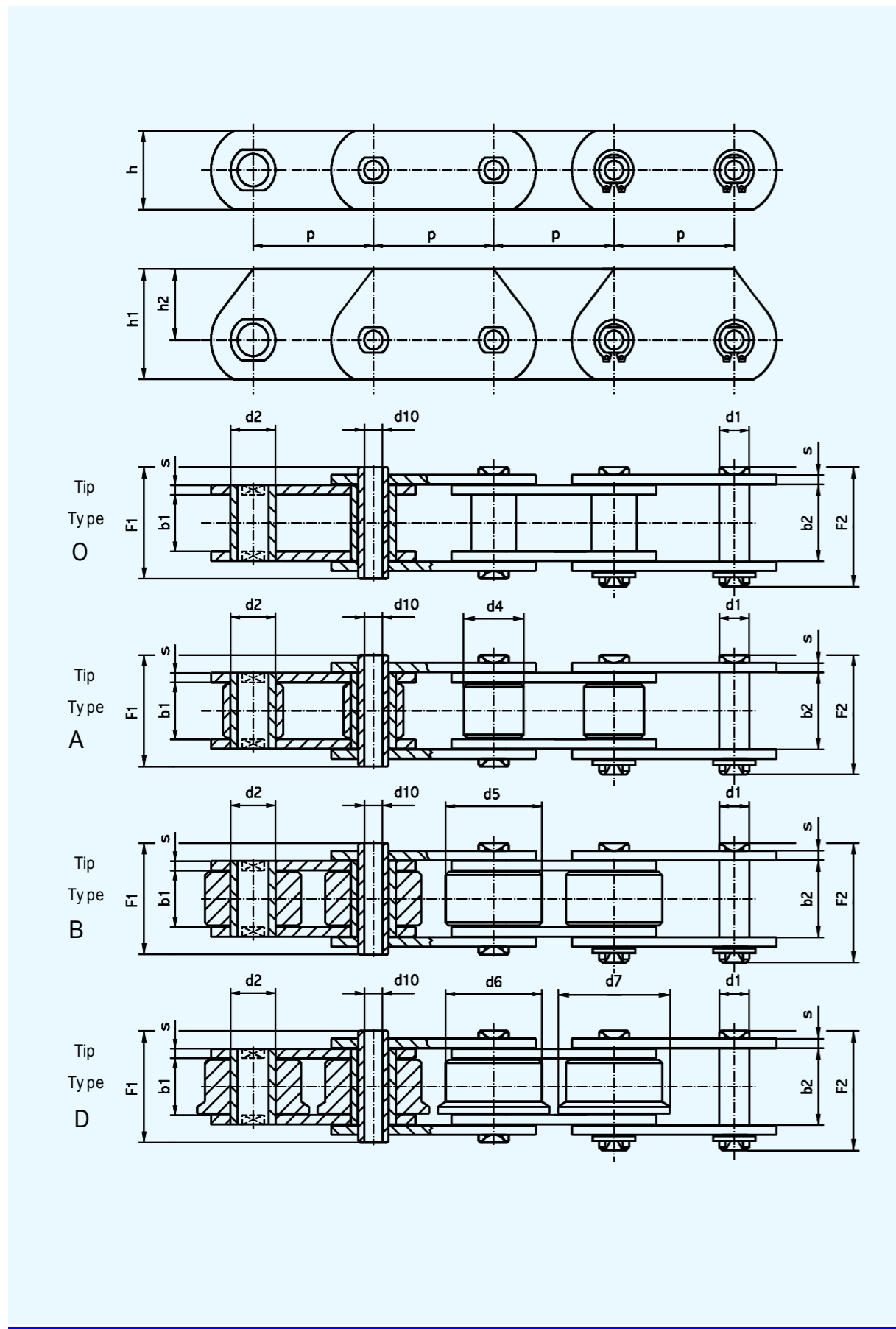


| ZİMAŞ No. | DIN | p mm. | a ₁ mm. | a ₂ *** mm. | B mm. | d mm. | H*** mm. | W ₁ mm. | Kulak şekli Winkelprofil Angle Iron | q kg/m O | q kg/m A | q kg/m B | q kg/m D | q | |
|--------------|--------|-------|--------------------|------------------------|-------|-------|----------|--------------------|-------------------------------------|-------------|----------|----------|----------|------|------|
| Fz-01-01-040 | FV 40 | 40 | - | - | - | - | - | - | - | 2,59 | 3,04 | 4,68 | - | - | |
| Fz-01-01-063 | | 63 | ● | 25 | 31 | 6,4 | 20 | 49 | ■ | 2,08 | 2,36 | 3,43 | 4,65 | 0,03 | |
| Fz-01-01-100 | | 100 | ● | 30 | 50 | | | | | 1,76 | 1,94 | 2,6 | 3,38 | 0,05 | |
| Fz-01-02-063 | FV 63 | 63 | ● | 34 | 40 | 8,4 | 30 | 50 | ■ | 3,46 | 4,17 | 6,08 | - | 0,05 | |
| Fz-01-02-100 | | 100 | ● | 30 | 50 | | | | 30 x 30 x 4 | 2,92 | 3,37 | 4,57 | 5,60 | 0,09 | |
| Fz-01-02-125 | | 125 | ● | 40 | 60 | | | | | 2,67 | 3,03 | 3,97 | 4,82 | 0,12 | |
| Fz-01-02-160 | | 160 | ● | 50 | 70 | | | | | 2,45 | 2,73 | 3,48 | 4,13 | 0,14 | |
| Fz-01-03-063 | FV 90 | 63 | - | - | - | - | - | - | ■ | 5,72 | 6,87 | 10,0 | - | - | |
| Fz-01-03-100 | | 100 | ● | 30 | 40 | 50 | 8,4 | 35 | 63 | 40 x 40 x 5 | 4,67 | 5,40 | 7,37 | 9,59 | 0,15 |
| Fz-01-03-125 | | 125 | ● | 40 | 60 | | | | | 4,35 | 4,93 | 6,51 | 8,29 | 0,19 | |
| Fz-01-03-160 | | 160 | ● | 50 | 70 | | | | | 3,87 | 4,32 | 5,56 | 6,95 | 0,24 | |
| Fz-01-03-200 | | 200 | ● | 60 | 80 | | | | | 3,50 | 3,86 | 4,85 | 5,96 | 0,27 | |
| Fz-01-03-250 | | 250 | ● | 65 | 85 | | | | | 3,47 | 3,76 | 4,55 | 5,44 | 0,30 | |
| Fz-01-04-100 | FV 112 | 100 | ● | 50 | 50 | 11 | 40 | 68 | 40 x 40 x 6 | 6,11 | 7,06 | 10,5 | 14,3 | 0,18 | |
| Fz-01-04-125 | | 125 | ● | 40 | 65 | | | | | 5,85 | 6,61 | 9,39 | 12,4 | 0,23 | |
| Fz-01-04-160 | | 160 | ● | 50 | 75 | | | | | 5,26 | 5,85 | 8,03 | 10,4 | 0,28 | |
| Fz-01-04-200 | | 200 | ● | 65 | 90 | | | | | 5,00 | 5,47 | 7,30 | 9,13 | 0,35 | |
| Fz-01-04-250 | | 250 | ● | 80 | 105 | | | | | 4,72 | 5,10 | 6,49 | 8,02 | 0,47 | |
| Fz-01-05-100 | FV 140 | 100 | ● | 50 | 55 | 11 | 45 | 80 | 50 x 50 x 7 | 7,38 | 8,69 | 13,3 | - | 0,28 | |
| Fz-01-05-125 | | 125 | ● | 40 | 65 | | | | | 6,78 | 7,80 | 11,5 | 15,7 | 0,33 | |
| Fz-01-05-160 | | 160 | ● | 50 | 75 | | | | | 6,56 | 7,36 | 10,2 | 13,5 | 0,41 | |
| Fz-01-05-200 | | 200 | ● | 65 | 90 | | | | | 5,82 | 6,46 | 8,77 | 11,4 | 0,51 | |
| Fz-01-05-250 | | 250 | ● | 80 | 105 | | | | | 5,48 | 5,99 | 7,85 | 9,96 | 0,69 | |
| Fz-01-05-315 | | 315 | ● | 100 | 125 | | | | | 5,28 | 5,68 | 7,25 | 8,25 | 0,82 | |
| Fz-01-06-125 | FV 180 | 125 | ● | 35 | 64 | 63 | 13 | 45 | 90 | 50 x 50 x 7 | 10,7 | 12,5 | 19,2 | - | 0,33 |
| Fz-01-06-160 | | 160 | ● | 50 | 80 | | | | | 9,72 | 11,2 | 16,3 | 22,2 | 0,41 | |
| Fz-01-06-200 | | 200 | ● | 65 | 95 | | | | | 9,12 | 10,0 | 14,4 | 19,1 | 0,51 | |
| Fz-01-06-250 | | 250 | ● | 80 | 110 | | | | | 8,51 | 9,43 | 12,7 | 16,9 | 0,69 | |
| Fz-01-06-315 | | 315 | ● | 100 | 130 | | | | | 8,20 | 8,93 | 11,6 | 14,5 | 0,82 | |
| Fz-01-06-400 | | 400 | ● | 100 | 130 | | | | | 7,64 | 8,22 | 10,3 | 12,6 | 0,82 | |
| Fz-01-07-125 | FV 250 | 125 | ● | 69 | 50 | 13 | 55 | 110 | 65 x 65 x 7 | 14,3 | 17,5 | 27,5 | - | 0,39 | |
| Fz-01-07-160 | | 160 | ● | 50 | 80 | | | | | 13,0 | 15,5 | 23,4 | 39,9 | 0,62 | |
| Fz-01-07-200 | | 200 | ● | 65 | 95 | | | | | 11,8 | 13,8 | 20,6 | 33,3 | 0,77 | |
| Fz-01-07-250 | | 250 | ● | 80 | 110 | | | | | 10,8 | 12,4 | 17,4 | 28,0 | 1,04 | |
| Fz-01-07-315 | | 315 | ● | 100 | 130 | | | | | 10,0 | 11,2 | 15,2 | 23,6 | 1,23 | |
| Fz-01-07-400 | | 400 | ● | 100 | 130 | | | | | 9,60 | 10,6 | 13,7 | 20,3 | 1,23 | |
| Fz-01-08-160 | FV 315 | 160 | ● | 85 | 50 | 13 | 60 | 124 | 70 x 70 x 9 | 20,04 | 24,51 | 35,67 | - | 0,65 | |
| Fz-01-08-200 | | 200 | ● | 65 | 95 | | | | | 18,24 | 21,82 | 30,74 | 43,59 | 0,93 | |
| Fz-01-08-250 | | 250 | ● | 80 | 110 | | | | | 16,79 | 19,65 | 26,79 | 37,07 | 1,25 | |
| Fz-01-08-315 | | 315 | ● | 100 | 130 | | | | | 15,53 | 17,80 | 23,46 | 31,62 | 1,48 | |
| Fz-01-08-400 | | 400 | ● | 100 | 130 | | | | | 14,56 | 16,35 | 20,81 | 27,23 | 1,48 | |
| Fz-01-09-160 | FV 400 | 160 | ● | 95 | 50 | 17 | 65 | 131 | 70 x 70 x 11 | 24,16 | 28,52 | 45,58 | - | 0,78 | |
| Fz-01-09-200 | | 200 | ● | 60 | 100 | | | | | 21,91 | 25,40 | 39,05 | 56,11 | 1,12 | |
| Fz-01-09-250 | | 250 | ● | 80 | 120 | | | | | 20,17 | 22,96 | 33,88 | 47,53 | 1,50 | |
| Fz-01-09-315 | | 315 | ● | 100 | 140 | | | | | 18,73 | 20,95 | 29,61 | 40,44 | 1,78 | |
| Fz-01-09-400 | | 400 | ● | 100 | 140 | | | | | 17,56 | 19,31 | 26,12 | 34,66 | 1,78 | |
| Fz-01-10-160 | FV 500 | 160 | ● | 100 | 50 | 17 | 70 | 146 | 80 x 80 x 12 | 30,04 | 37,18 | 58,90 | - | 0,84 | |
| Fz-01-10-200 | | 200 | ● | 50 | 90 | | | | | 27,04 | 32,75 | 50,13 | - | 1,25 | |
| Fz-01-10-250 | | 250 | ● | 80 | 120 | | | | | 24,65 | 29,22 | 43,12 | 55,48 | 1,88 | |
| Fz-01-10-315 | | 315 | ● | 100 | 140 | | | | | 22,68 | 26,30 | 37,34 | 47,14 | 2,23 | |
| Fz-01-10-400 | | 400 | ● | 100 | 140 | | | | | 21,06 | 23,91 | 32,60 | 40,33 | 2,23 | |
| Fz-01-11-200 | FV 630 | 200 | ● | 115 | 50 | 17 | 80 | 171 | 100 x 100 x 12 | 36,45 | 45,22 | 67,25 | - | 1,24 | |
| Fz-01-11-250 | | 250 | ● | 70 | 110 | | | | | 32,93 | 39,95 | 57,57 | 76,20 | 2,13 | |
| Fz-01-11-315 | | 315 | ● | 100 | 140 | | | | | 30,02 | 35,59 | 49,57 | 64,36 | 2,83 | |
| Fz-01-11-400 | | 400 | ● | 100 | 140 | | | | | 27,65 | 32,04 | 43,05 | 54,69 | 2,83 | |
| Fz-01-11-500 | | 500 | ● | 100 | 140 | | | | | 25,88 | 29,39 | 38,20 | 47,52 | 2,83 | |

*** Serbest Ölçü
● 1 Delikli
■ Yekpare Bükük Kulaklı

*** Fraimaß
● 1 Loch
■ Winkel angeboger

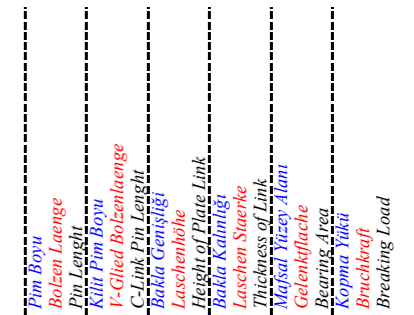
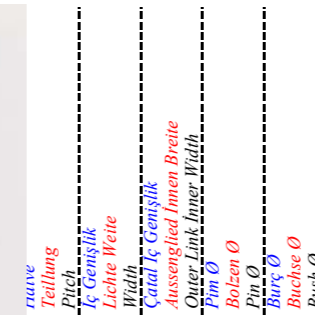
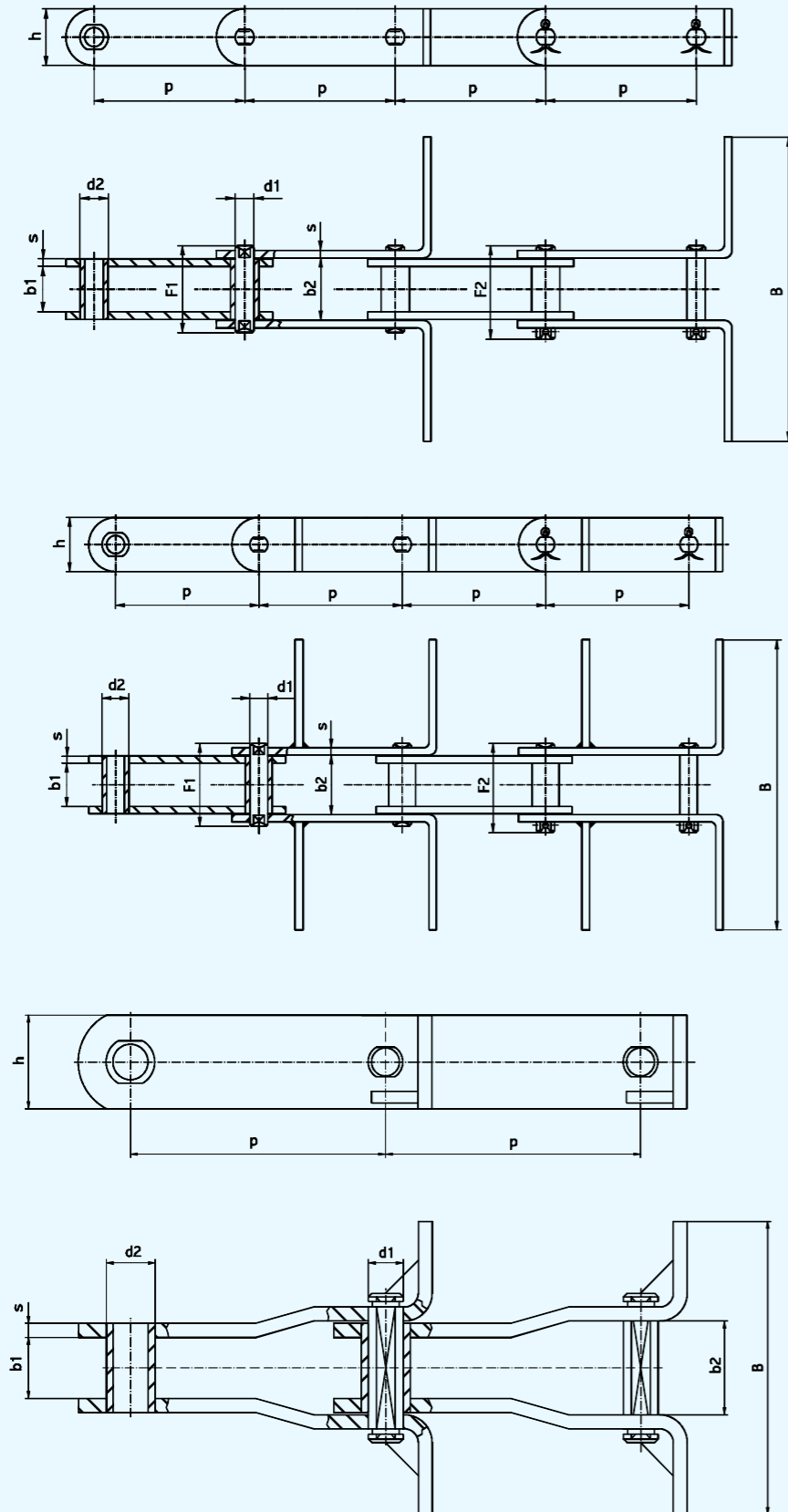
*** Free dimension
● 1 hole only
■ bent attachmen



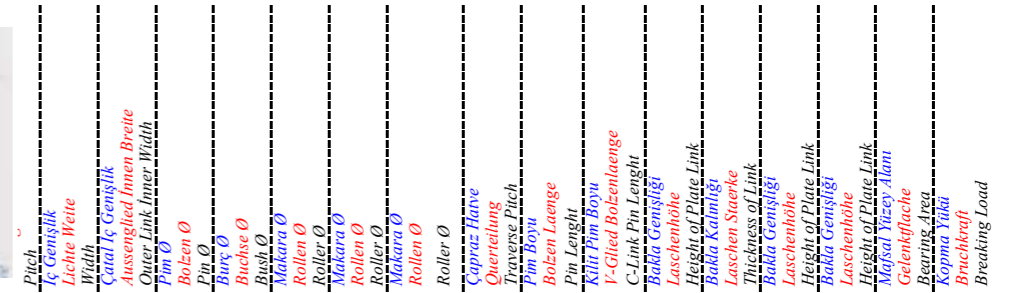
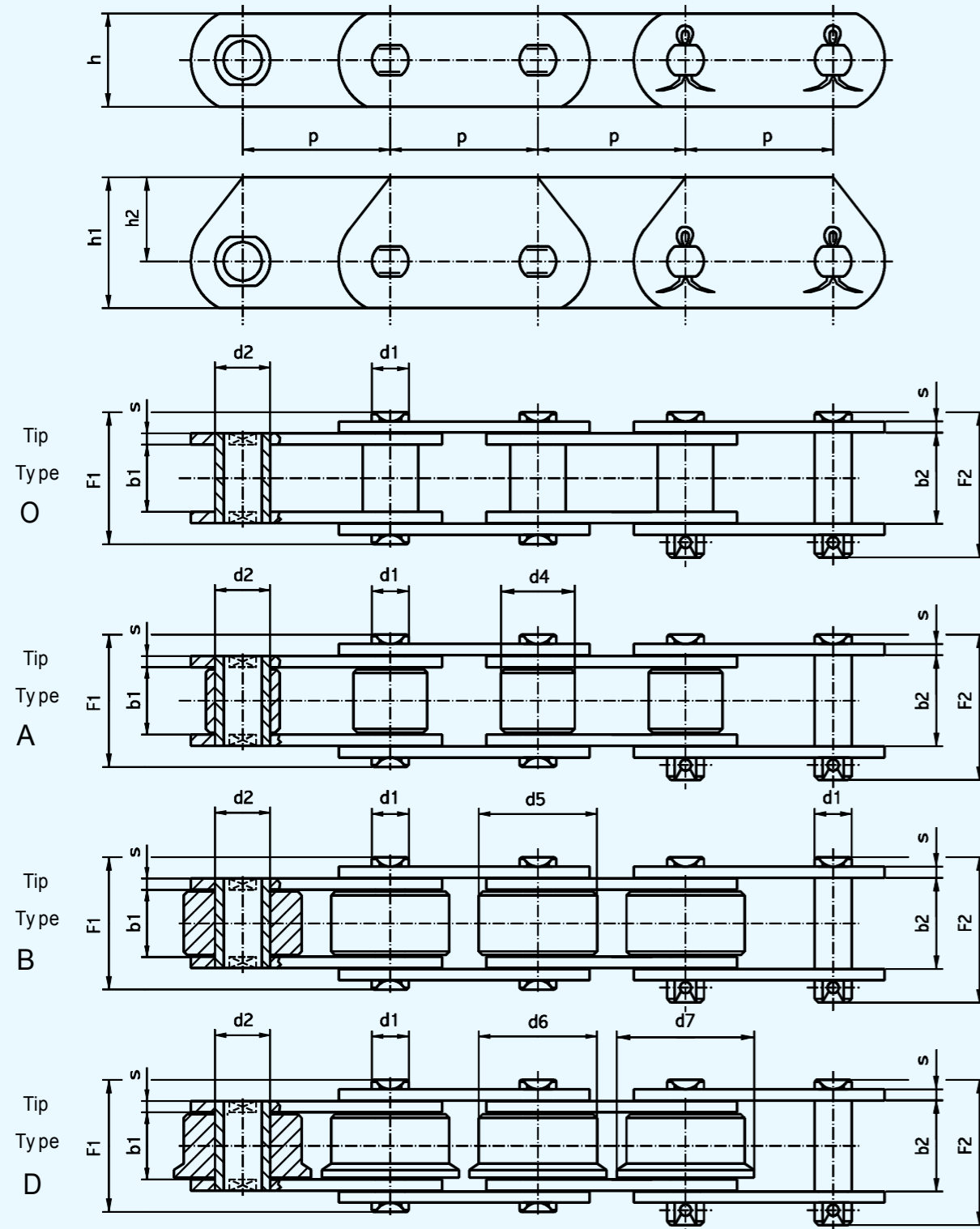
ZİMAS
No.

DIN

| ZİMAS No. | DIN | p mm. | b ₁ mm. | b ₂ mm. | d ₁ mm. | d ₂ mm. | d ₄ mm. | d ₅ mm. | d ₆ /d ₇ mm. | d ₁₀ mm. | e mm. | F ₁ mm. | F ₂ mm. | h mm. | s mm. | h ₁ mm. | h ₂ mm. | f cm. ² | F _{Bh} N min. | |
|--------------|--------|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------------------------|---------------------|-------|--------------------|--------------------|-------|-------|--------------------|--------------------|--------------------|------------------------|--|
| Pm-02-01-63 | FV 63 | 63 | 22 | 31 | 12 | 18 | 26 | 40 | - | 8 | 5 | 44 | 45 | 30 | 4 | 40 | 25 | 3,72 | 46000 | |
| Pm-02-01-100 | | 100 | | | | | | | 50/63 | | | | | | | | | | | |
| Pm-02-01-125 | | 125 | | | | | | | | | | | | | | | | | | |
| Pm-02-01-160 | | 160 | | | | | | | | | | | | | | | | | | |
| Pm-02-02-63 | FV 90 | 63 | 25 | 36 | 14 | 20 | 30 | 48 | - | 10 | 6,5 | 51 | 52,5 | 35 | 5 | 45 | 27,5 | 5,04 | 73000 | |
| Pm-02-02-100 | | 100 | | | | | | | 63/78 | | | | | | | | | | | |
| Pm-02-02-125 | | 125 | | | | | | | | | | | | | | | | | | |
| Pm-02-02-160 | | 160 | | | | | | | | | | | | | | | | | | |
| Pm-02-02-200 | | 200 | | | | | | | | | | | | | | | | | | |
| Pm-02-02-250 | | 250 | | | | | | | | | | | | | | | | | | |
| Pm-02-03-100 | FV 112 | 100 | 30 | 43 | 16 | 22 | 32 | 55 | 72/90 | 11 | 7,5 | 62 | 63,5 | 40 | 6 | 50 | 30 | 6,88 | 90000 | |
| Pm-02-03-125 | | 125 | | | | | | | | | | | | | | | | | | |
| Pm-02-03-160 | | 160 | | | | | | | | | | | | | | | | | | |
| Pm-02-03-200 | | 200 | | | | | | | | | | | | | | | | | | |
| Pm-02-03-250 | | 250 | | | | | | | | | | | | | | | | | | |
| Pm-02-04-100 | FV 140 | 100 | 35 | 48 | 18 | 26 | 36 | 60 | - | 12 | 9 | 67 | 68,5 | 45 | 6 | 60 | 37,5 | 8,64 | 110000 | |
| Pm-02-04-125 | | 125 | | | | | | | 80/100 | | | | | | | | | | | |
| Pm-02-04-160 | | 160 | | | | | | | | | | | | | | | | | | |
| Pm-02-04-200 | | 200 | | | | | | | | | | | | | | | | | | |
| Pm-02-04-250 | | 250 | | | | | | | | | | | | | | | | | | |
| Pm-02-04-315 | | 315 | | | | | | | | | | | | | | | | | | |
| Pm-02-05-125 | FV 180 | 125 | 45 | 63 | 20 | 30 | 42 | 70 | - | 14 | 13 | 86 | 87,5 | 50 | 8 | 70 | 45 | 12,6 | 145000 | |
| Pm-02-05-160 | | 160 | | | | | | | 100/125 | | | | | | | | | | | |
| Pm-02-05-200 | | 200 | | | | | | | | | | | | | | | | | | |
| Pm-02-05-250 | | 250 | | | | | | | | | | | | | | | | | | |
| Pm-02-05-315 | | 315 | | | | | | | | | | | | | | | | | | |
| Pm-02-05-400 | | 400 | | | | | | | | | | | | | | | | | | |
| Pm-02-06-125 | FV 250 | 125 | 55 | 73 | 26 | 36 | 50 | 80 | - | 18 | 15 | 96 | 98 | 60 | 8 | 80 | 50 | 18,98 | 215000 | |
| Pm-02-06-160 | | 160 | | | | | | | 125/155 | | | | | | | | | | | |
| Pm-02-06-200 | | 200 | | | | | | | | | | | | | | | | | | |
| Pm-02-06-250 | | 250 | | | | | | | | | | | | | | | | | | |
| Pm-02-06-315 | | 315 | | | | | | | | | | | | | | | | | | |
| Pm-02-06-400 | | 400 | | | | | | | | | | | | | | | | | | |
| Pm-02-07-160 | FV 315 | 160 | 65 | 87 | 30 | 42 | 60 | 90 | - | 20 | 18 | 115 | 117 | 70 | 10 | 90 | 55 | 26,1 | 295000 | |
| Pm-02-07-200 | | 200 | | | | | | | 140/175 | | | | | | | | | | | |
| Pm-02-07-250 | | 250 | | | | | | | | | | | | | | | | | | |
| Pm-02-07-315 | | 315 | | | | | | | | | | | | | | | | | | |
| Pm-02-07-400 | | 400 | | | | | | | | | | | | | | | | | | |
| Pm-02-08-160 | FV 400 | 160 | 70 | 96 | 32 | 44 | 60 | 100 | - | 22 | 20 | 130 | 133 | 70 | 12 | 90 | 55 | 30,72 | 330000 | |
| Pm-02-08-200 | | 200 | | | | | | | 150/190 | | | | | | | | | | | |
| Pm-02-08-250 | | 250 | | | | | | | | | | | | | | | | | | |
| Pm-02-08-315 | | 315 | | | | | | | | | | | | | | | | | | |
| Pm-02-08-400 | | 400 | | | | | | | | | | | | | | | | | | |
| Pm-02-09-160 | FV 500 | 160 | 80 | 106 | 36 | 50 | 70 | 110 | - | 26 | 21 | 140 | 143 | 80 | 12 | 100 | 60 | 38,16 | 440000 | |
| Pm-02-09-200 | | 200 | | | | | | | 160/200 | | | | | | | | | | | |
| Pm-02-09-250 | | 250 | | | | | | | | | | | | | | | | | | |
| Pm-02-09-315 | | 315 | | | | | | | | | | | | | | | | | | |
| Pm-02-09-400 | | 400 | | | | | | | | | | | | | | | | | | |
| Pm-02-10-200 | FV 630 | 200 | 90 | 116 | 42 | 56 | 80 | 120 | - | 30 | 22 | 152 | 154,5 | 100 | 12 | 120 | 70 | 48,72 | 520000 | |
| Pm-02-10-250 | | 250 | | | | | | | 170/215 | | | | | | | | | | | |
| Pm-02-10-315 | | 315 | | | | | | | | | | | | | | | | | | |
| Pm-02-10-400 | | 400 | | | | | | | | | | | | | | | | | | |
| Pm-02-10-500 | | 500 | | | | | | | | | | | | | | | | | | |



| ZİMAŞ No. | DIN | p mm. | b ₁ mm. | b ₂ mm. | d ₁ mm. | d ₂ mm. | B mm. | F ₁ mm. | F ₂ mm. | h mm. | s mm. | f cm. ² | F _B N min. |
|--------------|--------|-------|--------------------|--------------------|--------------------|--------------------|---|--------------------|--------------------|-------|-------|--------------------|-----------------------|
| Kz-01-01-63 | FV 40 | 63 | 18 | 25 | 10 | 15 | Serbest ölçü Freimaß Free dimension | 36 | 39,5 | 26 | 3 | 2,50 | 40000 |
| Kz-01-01-80 | | 80 | | | | | | | | | | | |
| Kz-01-01-100 | | 100 | | | | | | | | | | | |
| Kz-01-01-125 | | 125 | | | | | | | | | | | |
| Kz-01-01-150 | | 150 | | | | | | | | | | | |
| Kz-01-02-63 | FV 63 | 63 | 22 | 31 | 12 | 18 | Serbest ölçü Freimaß Free dimension | 45 | 48,5 | 30 | 4 | 3,70 | 63000 |
| Kz-01-02-80 | | 80 | | | | | | | | | | | |
| Kz-01-02-100 | | 100 | | | | | | | | | | | |
| Kz-01-02-125 | | 125 | | | | | | | | | | | |
| Kz-01-02-150 | | 150 | | | | | | | | | | | |
| Kz-01-02-160 | | 160 | | | | | | | | | | | |
| Kz-01-03-80 | FV 90 | 80 | 25 | 36 | 14 | 20 | Serbest ölçü Freimaß Free dimension | 52 | 56,5 | 35 | 5 | 5,00 | 90000 |
| Kz-01-03-100 | | 100 | | | | | | | | | | | |
| Kz-01-03-125 | | 125 | | | | | | | | | | | |
| Kz-01-03-150 | | 150 | | | | | | | | | | | |
| Kz-01-03-160 | | 160 | | | | | | | | | | | |
| Kz-01-03-175 | | 175 | | | | | | | | | | | |
| Kz-01-04-100 | FV 112 | 100 | 30 | 43 | 16 | 22 | Serbest ölçü Freimaß Free dimension | 62 | 66,5 | 40 | 6 | 6,80 | 112000 |
| Kz-01-04-125 | | 125 | | | | | | | | | | | |
| Kz-01-04-150 | | 150 | | | | | | | | | | | |
| Kz-01-04-160 | | 160 | | | | | | | | | | | |
| Kz-01-04-175 | | 175 | | | | | | | | | | | |
| Kz-01-04-200 | | 200 | | | | | | | | | | | |
| Kz-01-05-100 | FV 140 | 100 | 35 | 48 | 18 | 26 | Serbest ölçü Freimaß Free dimension | 68 | 72,5 | 45 | 6 | 8,60 | 140000 |
| Kz-01-05-125 | | 125 | | | | | | | | | | | |
| Kz-01-05-150 | | 150 | | | | | | | | | | | |
| Kz-01-05-160 | | 160 | | | | | | | | | | | |
| Kz-01-05-175 | | 175 | | | | | | | | | | | |
| Kz-01-05-200 | | 200 | | | | | | | | | | | |
| Kz-01-06-125 | FV 180 | 125 | 45 | 63 | 20 | 30 | Serbest ölçü Freimaß Free dimension | 87 | 92,5 | 50 | 8 | 12,3 | 180000 |
| Kz-01-06-150 | | 150 | | | | | | | | | | | |
| Kz-01-06-160 | | 160 | | | | | | | | | | | |
| Kz-01-06-175 | | 175 | | | | | | | | | | | |
| Kz-01-06-200 | | 200 | | | | | | | | | | | |
| Kz-01-06-250 | | 250 | | | | | | | | | | | |
| Kz-01-07-125 | FV 250 | 125 | 55 | 73 | 26 | 36 | Serbest ölçü Freimaß Free dimension | 99 | 105,5 | 60 | 8 | 18,7 | 250000 |
| Kz-01-07-150 | | 150 | | | | | | | | | | | |
| Kz-01-07-160 | | 160 | | | | | | | | | | | |
| Kz-01-07-175 | | 175 | | | | | | | | | | | |
| Kz-01-07-200 | | 200 | | | | | | | | | | | |
| Kz-01-07-250 | | 250 | | | | | | | | | | | |
| Kz-01-08-150 | FV 315 | 150 | 65 | 87 | 30 | 42 | Serbest ölçü Freimaß Free dimension | 119 | 125,5 | 70 | 10 | 25,8 | 315000 |
| Kz-01-08-160 | | 160 | | | | | | | | | | | |
| Kz-01-08-175 | | 175 | | | | | | | | | | | |
| Kz-01-08-200 | | 200 | | | | | | | | | | | |
| Kz-01-08-250 | | 250 | | | | | | | | | | | |



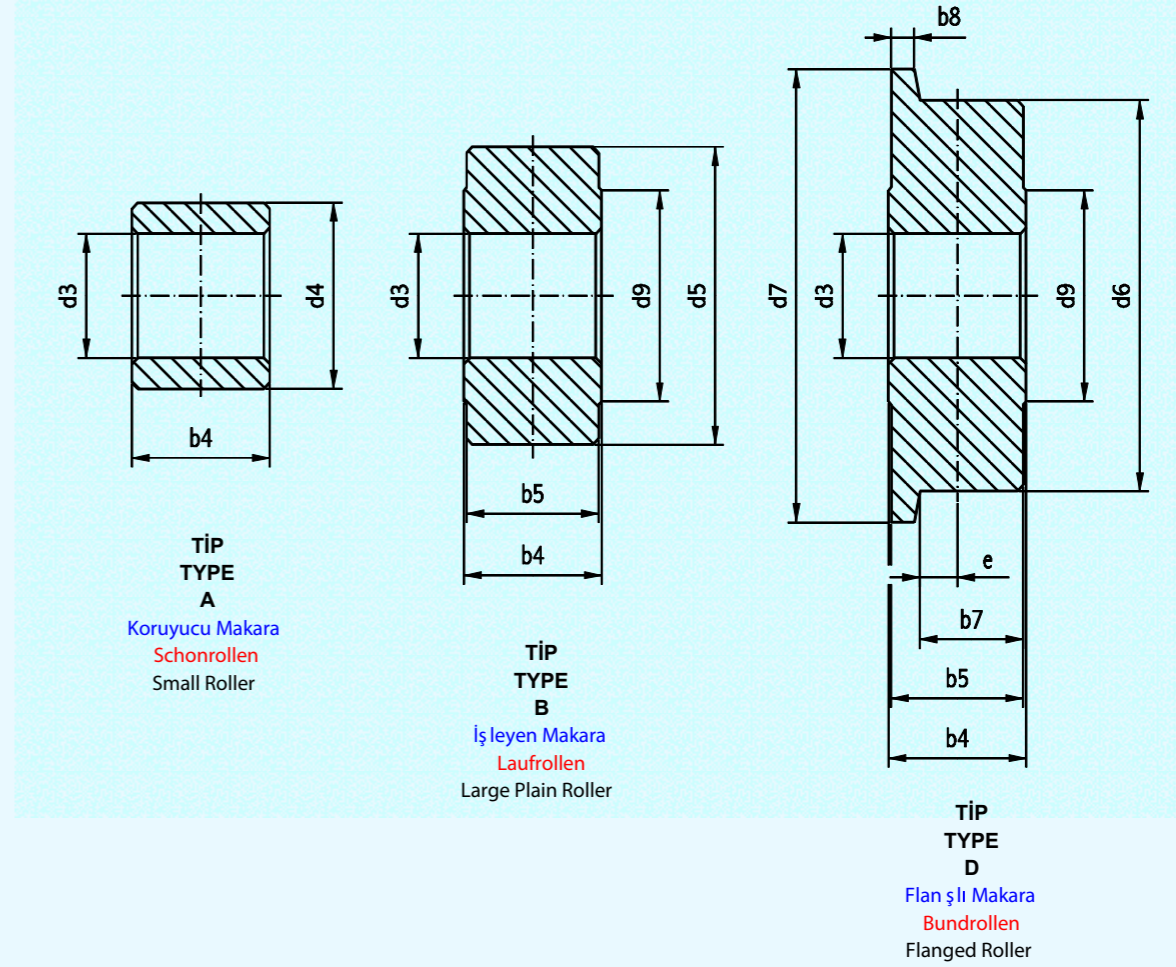
| ZİMAŞ No. | DIN | p mm. | b1 mm. | b2 mm. | d1 mm. | d2 mm. | d4 mm. | d5 mm. | d6/d7 mm. | e mm. | F1 mm. | F2 mm. | h mm. | s mm. | h1 mm. | h2 mm. | f cm. ² | F _B N min. |
|--------------|--------|-------|--------|--------|--------|--------|--------|--------|-----------|-------|--------|--------|-------|-------|--------|--------|--------------------|-----------------------|
| Fz-01-01-040 | FV 40 | 40 | 18 | 25 | 10 | 15 | 20 | 32 | - | 4 | 36,00 | 39,50 | 26 | 3 | 35 | 22 | 2,50 | 42000 |
| Fz-01-01-063 | | 63 | | | | | | | 40/50 | | | | | | | | | |
| Fz-01-01-100 | | 100 | | | | | | | | | | | | | | | | |
| Fz-01-02-063 | FV 63 | 63 | 22 | 31 | 12 | 18 | 26 | 40 | - | 5 | 45,00 | 48,50 | 30 | 4 | 40 | 25 | 3,72 | 64000 |
| Fz-01-02-100 | | 100 | | | | | | | 50/63 | | | | | | | | | |
| Fz-01-02-125 | | 125 | | | | | | | | | | | | | | | | |
| Fz-01-02-160 | | 160 | | | | | | | | | | | | | | | | |
| Fz-01-03-063 | FV 90 | 63 | 25 | 36 | 14 | 20 | 30 | 48 | - | 6,50 | 52,00 | 56,50 | 35 | 5 | 45 | 27,50 | 5,04 | 100000 |
| Fz-01-03-100 | | 100 | | | | | | | 63/78 | | | | | | | | | |
| Fz-01-03-125 | | 125 | | | | | | | | | | | | | | | | |
| Fz-01-03-160 | | 160 | | | | | | | | | | | | | | | | |
| Fz-01-03-200 | | 200 | | | | | | | | | | | | | | | | |
| Fz-01-03-250 | | 250 | | | | | | | | | | | | | | | | |
| Fz-01-04-100 | FV 112 | 100 | 30 | 43 | 16 | 22 | 32 | 55 | 72/90 | 7,50 | 62,00 | 66,50 | 40 | 6 | 50 | 30 | 6,88 | 120000 |
| Fz-01-04-125 | | 125 | | | | | | | | | | | | | | | | |
| Fz-01-04-160 | | 160 | | | | | | | | | | | | | | | | |
| Fz-01-04-200 | | 200 | | | | | | | | | | | | | | | | |
| Fz-01-04-250 | | 250 | | | | | | | | | | | | | | | | |
| Fz-01-05-100 | FV 140 | 100 | 35 | 48 | 18 | 26 | 36 | 60 | - | 9 | 68,00 | 72,50 | 45 | 6 | 60 | 37,50 | 8,64 | 145000 |
| Fz-01-05-125 | | 125 | | | | | | | 80/100 | | | | | | | | | |
| Fz-01-05-160 | | 160 | | | | | | | | | | | | | | | | |
| Fz-01-05-200 | | 200 | | | | | | | | | | | | | | | | |
| Fz-01-05-250 | | 250 | | | | | | | | | | | | | | | | |
| Fz-01-05-315 | | 315 | | | | | | | | | | | | | | | | |
| Fz-01-06-125 | FV 180 | 125 | 45 | 63 | 20 | 30 | 42 | 70 | - | 13 | 87,00 | 92,50 | 50 | 8 | 70 | 45 | 12,60 | 190000 |
| Fz-01-06-160 | | 160 | | | | | | | 100/125 | | | | | | | | | |
| Fz-01-06-200 | | 200 | | | | | | | | | | | | | | | | |
| Fz-01-06-250 | | 250 | | | | | | | | | | | | | | | | |
| Fz-01-06-315 | | 315 | | | | | | | | | | | | | | | | |
| Fz-01-06-400 | | 400 | | | | | | | | | | | | | | | | |
| Fz-01-07-125 | FV 250 | 125 | 55 | 73 | 26 | 36 | 50 | 80 | - | 15 | 99,00 | 105,50 | 60 | 8 | 80 | 50 | 18,98 | 275000 |
| Fz-01-07-160 | | 160 | | | | | | | 125/155 | | | | | | | | | |
| Fz-01-07-200 | | 200 | | | | | | | | | | | | | | | | |
| Fz-01-07-250 | | 250 | | | | | | | | | | | | | | | | |
| Fz-01-07-315 | | 315 | | | | | | | | | | | | | | | | |
| Fz-01-07-400 | | 400 | | | | | | | | | | | | | | | | |
| Fz-01-08-160 | FV 315 | 160 | 65 | 87 | 30 | 42 | 60 | 90 | - | 18 | 119,00 | 125,50 | 70 | 10 | 90 | 55 | 26,10 | 370000 |
| Fz-01-08-200 | | 200 | | | | | | | 140/175 | | | | | | | | | |
| Fz-01-08-250 | | 250 | | | | | | | | | | | | | | | | |
| Fz-01-08-315 | | 315 | | | | | | | | | | | | | | | | |
| Fz-01-08-400 | | 400 | | | | | | | | | | | | | | | | |
| Fz-01-09-160 | FV 400 | 160 | 70 | 96 | 32 | 44 | 60 | 100 | - | 20 | 133,00 | 141,50 | 70 | 12 | 90 | 55 | 30,72 | 410000 |
| Fz-01-09-200 | | 200 | | | | | | | 150/190 | | | | | | | | | |
| Fz-01-09-250 | | 250 | | | | | | | | | | | | | | | | |
| Fz-01-09-315 | | 315 | | | | | | | | | | | | | | | | |
| Fz-01-09-400 | | 400 | | | | | | | | | | | | | | | | |
| Fz-01-10-160 | FV 500 | 160 | 80 | 106 | 36 | 50 | 70 | 110 | - | 21 | 145,00 | 153,50 | 80 | 12 | 100 | 60 | 38,10 | 540000 |
| Fz-01-10-200 | | 200 | | | | | | | | | | | | | | | | |
| Fz-01-10-250 | | 250 | | | | | | | 160/200 | | | | | | | | | |
| Fz-01-10-315 | | 315 | | | | | | | | | | | | | | | | |
| Fz-01-10-400 | | 400 | | | | | | | | | | | | | | | | |
| Fz-01-11-200 | FV 630 | 200 | 90 | 116 | 42 | 56 | 80 | 120 | - | 22 | 156,00 | 164,50 | 100 | 12 | 120 | 70 | 48,72 | 630000 |
| Fz-01-11-250 | | 250 | | | | | | | 170/215 | | | | | | | | | |
| Fz-01-11-315 | | 315 | | | | | | | | | | | | | | | | |
| Fz-01-11-400 | | 400 | | | | | | | | | | | | | | | | |
| Fz-01-11-500 | | 500 | | | | | | | | | | | | | | | | |



| ZIMAS No. | DIN | p mm. | b ₁ mm. | b ₂ mm. | d ₁ mm. | d ₂ mm. | d ₄ mm. | d ₅ mm. | d ₆ /d ₇ mm. | e mm. | F ₁ mm. | F ₂ mm. | h mm. | s mm. | h ₁ mm. | h ₂ mm. | f cm. ² | F _B N min. |
|---------------|-------|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------------------------|-------|--------------------|--------------------|-------|-------|--------------------|--------------------|--------------------|-----------------------|
| Fz-02-09-160 | M 315 | 160 | 48 | 70,5 | 25 | 36 | 50 | 100 | 100/120 | 10,5 | 100,5 | 106 | 70 | 10 | 100 | 65 | 17,50 | 315000 |
| Fz-02-09-200 | | 200 | | | | | | | | | | | | | | | | |
| Fz-02-09-250 | | 250 | | | | | | | | | | | | | | | | |
| Fz-02-09-315 | | 315 | | | | | | | | | | | | | | | | |
| Fz-02-09-400 | | 400 | | | | | | | | | | | | | | | | |
| Fz-02-09-500 | | 500 | | | | | | | | | | | | | | | | |
| Fz-02-09-630 | | 630 | | | | | | | | | | | | | | | | |
| Fz-02-10-200 | M 450 | 200 | 56 | 82,5 | 30 | 42 | 60 | 120 | 120/140 | 11,5 | 118,5 | 125 | 80 | 12 | 120 | 80 | 24,60 | 450000 |
| Fz-02-10-250 | | 250 | | | | | | | | | | | | | | | | |
| Fz-02-10-315 | | 315 | | | | | | | | | | | | | | | | |
| Fz-02-10-400 | | 400 | | | | | | | | | | | | | | | | |
| Fz-02-10-500 | | 500 | | | | | | | | | | | | | | | | |
| Fz-02-10-630 | | 630 | | | | | | | | | | | | | | | | |
| Fz-02-10-800 | | 800 | | | | | | | | | | | | | | | | |
| Fz-02-11-250 | M 630 | 250 | 66 | 97 | 36 | 50 | 70 | 140 | 140/170 | 14,5 | 140 | 148,5 | 100 | 14 | 140 | 90 | 34,56 | 630000 |
| Fz-02-11-315 | | 315 | | | | | | | | | | | | | | | | |
| Fz-02-11-400 | | 400 | | | | | | | | | | | | | | | | |
| Fz-02-11-500 | | 500 | | | | | | | | | | | | | | | | |
| Fz-02-11-630 | | 630 | | | | | | | | | | | | | | | | |
| Fz-02-11-800 | | 800 | | | | | | | | | | | | | | | | |
| Fz-02-11-1000 | | 1000 | | | | | | | | | | | | | | | | |
| Fz-02-12-250 | M 900 | 250 | 78 | 113 | 44 | 60 | 85 | 170 | 170/210 | 17 | 162 | 170,5 | 120 | 16 | 180 | 120 | 49,28 | 900000 |
| Fz-02-12-315 | | 315 | | | | | | | | | | | | | | | | |
| Fz-02-12-400 | | 400 | | | | | | | | | | | | | | | | |
| Fz-02-12-500 | | 500 | | | | | | | | | | | | | | | | |
| Fz-02-12-630 | | 630 | | | | | | | | | | | | | | | | |
| Fz-02-12-800 | | 800 | | | | | | | | | | | | | | | | |
| Fz-02-12-1000 | | 1000 | | | | | | | | | | | | | | | | |



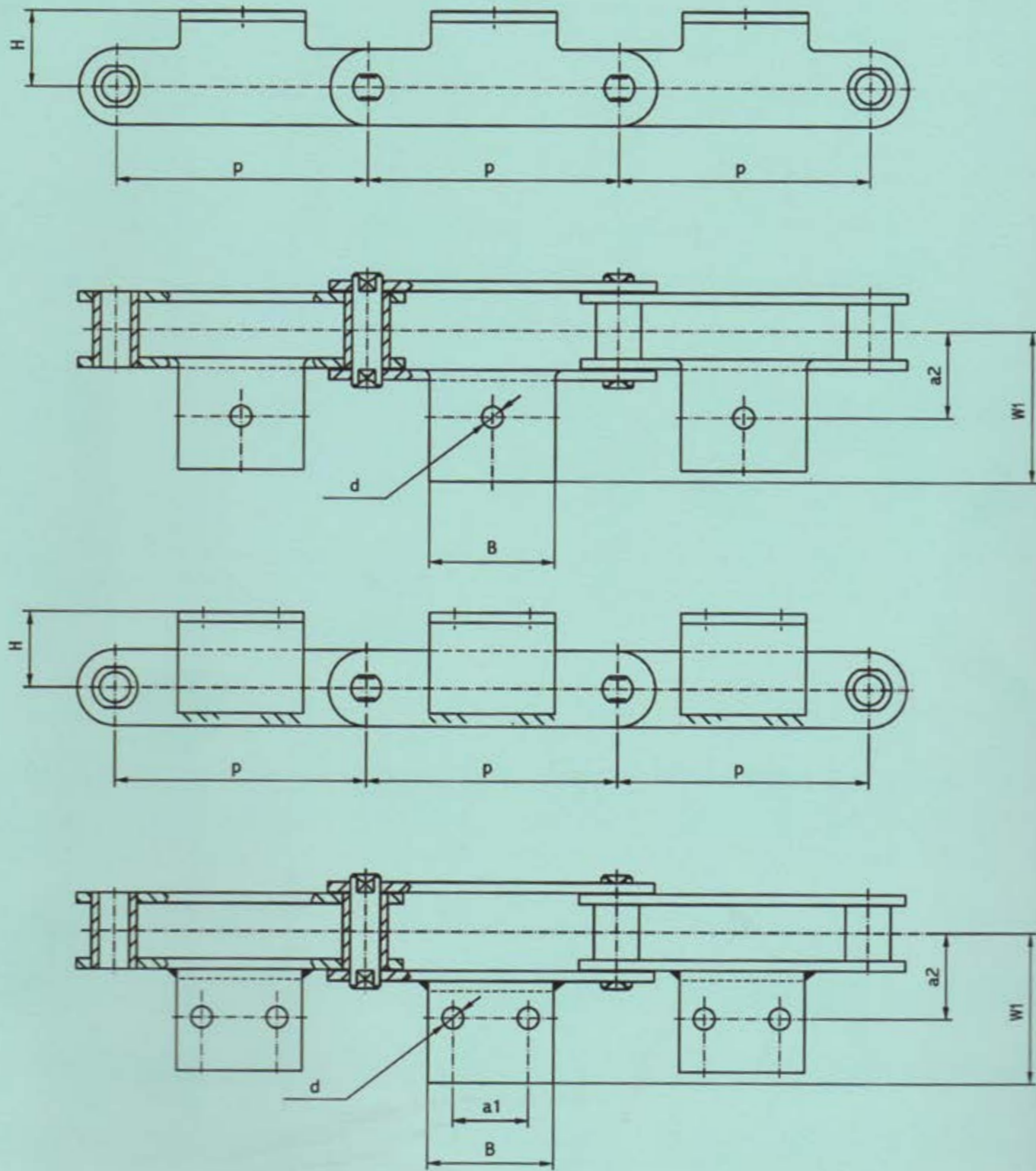

Dış Makara DIN 8166 'a Göre
Rollen nach DIN 8166
Rollers to DIN 8166



| Zincir no. Ketten nr. Chain nr. | b4 max. | b5 max. | b7 min. | b8 max. | d3 min. | d4 max. | d5 max. | d6 max. | d7 max. | d9 ~ |
|---------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|
| FV 40 | 17 | 16 | 12 | 3 | 15,2 | 20 | 32 | 40 | 48 | 26 |
| FV 63 | 21 | 20 | 15 | 4 | 18,2 | 26 | 40 | 50 | 60 | 30 |
| FV 90 | 24 | 23 | 18 | 4 | 20,2 | 30 | 48 | 63 | 73 | 35 |
| FV 112 | 29 | 28 | 21,5 | 5 | 22,2 | 32 | 55 | 72 | 87 | 40 |
| FV 140 | 34 | 32 | 25 | 5,5 | 26,2 | 36 | 60 | 80 | 95 | 45 |
| FV 180 | 44 | 42 | 34 | 6,5 | 30,2 | 42 | 70 | 100 | 120 | 50 |
| FV 250 | 54 | 50 | 40 | 8 | 36,2 | 50 | 80 | 125 | 145 | 60 |
| FV 315 | 64 | 60 | 48 | 10 | 42,2 | 60 | 90 | 140 | 170 | 70 |
| FV 400 | 68 | 64 | 52 | 10 | 44,3 | 60 | 100 | 150 | 185 | 70 |
| FV 500 | 78 | 72 | 57 | 12 | 50,3 | 70 | 110 | 160 | 195 | 80 |
| FV 630 | 88 | 80 | 62 | 14 | 56,3 | 80 | 120 | 170 | 210 | 100 |



Kulaklı Baklalar
Befestigungsgliedern
Attachments

| ZIMAS No. | DIN | p mm. | a ₁ mm. | a ₂ *** mm. | B mm. | d mm. | H*** mm. | W ₁ mm. | Kulak şekli Winkelprofil Angle Iron | Zincir Ağırlığı Kettengewicht kg/m O | Zincir Ağırlığı Kettengewicht kg/m A | Zincir Ağırlığı Kettengewicht kg/m B | Zincir Ağırlığı Kettengewicht kg/m D | q kg/m |
|--------------|---------|-------|--------------------|------------------------|-------|-------|----------|--------------------|---|---|---|---|---|--------|
| Fz-02-01-40 | M 20 ** | 40 | ● | 27 | 14 | 6,6 | 16 | 42 | ■ | 1,08 | 1,44 | 2,61 | 2,81 | 0,02 |
| Fz-02-01-50 | | 50 | ● | | 14 | | | | | 1,01 | 1,29 | 2,23 | 2,39 | 0,02 |
| Fz-02-01-63 | | 63 | ● | 20 | 35 | | | | 25 x 20 x 3 | 0,99 | 1,23 | 2,00 | 2,13 | 0,04 |
| Fz-02-01-80 | | 80 | ● | 35 | 50 | | | | | 0,90 | 1,07 | 1,67 | 1,77 | 0,06 |
| Fz-02-01-100 | | 100 | ● | 50 | 65 | | | | | 0,86 | 1,00 | 1,47 | 1,55 | 0,07 |
| Fz-02-01-125 | | 125 | ● | 50 | 65 | | | | | 0,82 | 0,95 | 1,32 | 1,38 | 0,07 |
| Fz-02-01-160 | | 160 | ● | 50 | 65 | | | | | 0,80 | 0,89 | 1,19 | 1,24 | 0,07 |
| Fz-02-02-50 | M 28 ** | 50 | ● | 32 | 20 | 9 | 20 | 50 | ■ | 1,54 | 1,82 | 3,3 | 3,52 | 0,02 |
| Fz-02-02-63 | | 63 | ● | | 20 | | | | | 1,42 | 1,64 | 2,84 | 3,00 | 0,02 |
| Fz-02-02-80 | | 80 | ● | 25 | 45 | | | | 20 x 30 x 3 | 1,32 | 1,50 | 2,44 | 2,57 | 0,05 |
| Fz-02-02-100 | | 100 | ● | 40 | 60 | | | | | 1,24 | 1,38 | 2,13 | 2,23 | 0,07 |
| Fz-02-02-125 | | 125 | ● | 65 | 85 | | | | | 1,18 | 1,30 | 1,90 | 1,98 | 0,10 |
| Fz-02-02-160 | | 160 | ● | 65 | 85 | | | | | 1,13 | 1,22 | 1,69 | 1,75 | 0,10 |
| Fz-02-02-200 | | 200 | ● | 65 | 85 | | | | | 1,10 | 1,17 | 1,54 | 1,59 | 0,10 |
| Fz-02-03-63 | M 40 ** | 63 | ● | 35 | 20 | 9 | 25 | 56 | ■ | 2,24 | 2,57 | 4,47 | 4,70 | 0,03 |
| Fz-02-03-80 | | 80 | ● | 20 | 40 | | | | 30 x 30 x 3 | 1,98 | 2,25 | 3,75 | 3,95 | 0,06 |
| Fz-02-03-100 | | 100 | ● | 40 | 60 | | | | | 1,91 | 2,12 | 3,32 | 3,47 | 0,08 |
| Fz-02-03-125 | | 125 | ● | 65 | 85 | | | | | 1,81 | 1,98 | 2,93 | 3,06 | 0,15 |
| Fz-02-03-160 | | 160 | ● | 65 | 85 | | | | | 1,71 | 1,85 | 2,60 | 2,71 | 0,15 |
| Fz-02-03-200 | | 200 | ● | 65 | 85 | | | | | 1,64 | 1,75 | 2,35 | 2,42 | 0,15 |
| Fz-02-03-250 | | 250 | ● | 65 | 85 | | | | | 1,60 | 1,68 | 2,16 | 2,23 | 0,15 |
| Fz-02-04-63 | M 56 | 63 | ● | 44 | 22 | 11 | 30 | 70 | ■ | 3,32 | 3,83 | 6,93 | 7,28 | 0,05 |
| Fz-02-04-80 | | 80 | ● | | 22 | | | | | 3,01 | 3,41 | 5,86 | 6,20 | 0,05 |
| Fz-02-04-100 | | 100 | ● | 25 | 50 | | | | 40 x 40 x 4 | 2,79 | 3,11 | 5,07 | 5,34 | 0,12 |
| Fz-02-04-125 | | 125 | ● | 50 | 75 | | | | | 2,60 | 2,87 | 4,43 | 4,65 | 0,18 |
| Fz-02-04-160 | | 160 | ● | 85 | 110 | | | | | 2,44 | 2,64 | 3,87 | 4,04 | 0,27 |
| Fz-02-04-200 | | 200 | ● | 85 | 110 | | | | | 2,34 | 2,50 | 3,49 | 3,63 | 0,27 |
| Fz-02-04-250 | | 250 | ● | 85 | 110 | | | | | 2,25 | 2,37 | 3,16 | 3,27 | 0,27 |
| Fz-02-05-80 | M 80 | 80 | ● | 48 | 22 | 11 | 35 | 80 | ■ | 4,66 | 5,29 | 9,36 | 9,95 | 0,05 |
| Fz-02-05-100 | | 100 | ● | | 22 | | | | | 4,27 | 4,79 | 8,03 | 8,50 | 0,05 |
| Fz-02-05-125 | | 125 | ● | 50 | 75 | | | | 40 x 40 x 4 | 3,97 | 4,38 | 6,98 | 7,35 | 0,18 |
| Fz-02-05-160 | | 160 | ● | 85 | 110 | | | | | 3,70 | 4,03 | 6,05 | 6,35 | 0,27 |
| Fz-02-05-200 | | 200 | ● | 125 | 150 | | | | | 3,51 | 3,77 | 5,39 | 5,63 | 0,36 |
| Fz-02-05-250 | | 250 | ● | 125 | 150 | | | | | 3,37 | 3,57 | 4,87 | 5,06 | 0,36 |
| Fz-02-05-315 | | 315 | ● | 125 | 150 | | | | | 3,24 | 3,41 | 4,43 | 4,58 | 0,36 |
| Fz-02-06-80 | M 112 | 80 | ● | 55 | 28 | 14 | 40 | 92 | 50 x 50 x 6 | 6,75 | 7,88 | 14,6 | 15,3 | 0,13 |
| Fz-02-06-100 | | 100 | ● | | 28 | | | | | 6,15 | 7,06 | 12,4 | 13,0 | 0,13 |
| Fz-02-06-125 | | 125 | ● | 35 | 65 | | | | | 5,69 | 6,42 | 10,7 | 11,2 | 0,30 |
| Fz-02-06-160 | | 160 | ● | 65 | 95 | | | | | 5,26 | 5,83 | 9,15 | 9,54 | 0,44 |
| Fz-02-06-200 | | 200 | ● | 100 | 130 | | | | | 4,97 | 5,43 | 8,09 | 8,38 | 0,59 |
| Fz-02-06-250 | | 250 | ● | 100 | 130 | | | | | 4,74 | 5,10 | 7,22 | 7,47 | 0,59 |
| Fz-02-06-315 | | 315 | ● | 100 | 130 | | | | | 4,53 | 4,82 | 6,52 | 6,70 | 0,59 |
| Fz-02-06-400 | | 400 | ● | 100 | 130 | | | | | 4,38 | 4,61 | 5,94 | 6,08 | 0,59 |
| Fz-02-07-100 | M 160 | 100 | ● | 62 | 30 | 14 | 45 | 100 | 50 x 50 x 6 | 9,70 | 11,2 | 19,5 | 20,4 | 0,14 |
| Fz-02-07-125 | | 125 | ● | | 30 | | | | | 8,85 | 10,1 | 16,7 | 17,5 | 0,14 |
| Fz-02-07-160 | | 160 | ● | 50 | 80 | | | | | 8,15 | 9,12 | 14,3 | 14,9 | 0,37 |
| Fz-02-07-200 | | 200 | ● | 85 | 115 | | | | | 7,56 | 8,33 | 12,50 | 13,0 | 0,53 |
| Fz-02-07-250 | | 250 | ● | 145 | 175 | | | | | 7,22 | 7,82 | 11,1 | 11,5 | 0,80 |
| Fz-02-07-315 | | 315 | ● | 145 | 175 | | | | | 6,88 | 7,38 | 9,95 | 10,3 | 0,80 |
| Fz-02-07-400 | | 400 | ● | 145 | 175 | | | | | 6,57 | 6,95 | 9,00 | 9,25 | 0,80 |
| Fz-02-07-500 | | 500 | ● | 145 | 175 | | | | | 6,36 | 6,68 | 8,35 | 8,52 | 0,80 |

*** Serbest Ölçü / *** Freimaß / *** Free dimension
 ● 1 Delik / ● 1 Loch / ● 1 hole only
 ■ Yekpare Bükük Kulak / ■ Winkel angeboger / ■ bent attachment



| ZİMAŞ No. | DIN | p mm. | a ₁ mm. | a ₂ *** mm. | B mm. | d mm. | H*** mm. | W ₁ mm. | Kulak şekli Winkelprofil Angle Iron | q kg/m O | q kg/m A | q kg/m B | q kg/m D | q |
|---------------|-------|-------|--------------------|------------------------|-------|-------|----------|--------------------|---|-------------|-------------|-------------|-------------|------|
| Fz-02-08-125 | M 224 | 125 | ● | 70 | 35 | 18 | 55 | 114 | 80 x 80 x 8 | 13,1 | 14,9 | 26,6 | 27,8 | 0,25 |
| Fz-02-08-160 | | 160 | ● | | 35 | | | | | 11,9 | 13,3 | 22,4 | 23,4 | 0,25 |
| Fz-02-08-200 | | 200 | ● | | 100 | | | | | 11,1 | 12,2 | 19,5 | 20,3 | 0,71 |
| Fz-02-08-250 | | 250 | ● | | 160 | | | | | 10,3 | 11,2 | 17,1 | 17,7 | 1,13 |
| Fz-02-08-315 | | 315 | ● | | 225 | | | | | 9,78 | 10,5 | 15,1 | 15,7 | 1,60 |
| Fz-02-08-400 | | 400 | ● | | 225 | | | | | 9,30 | 9,86 | 13,5 | 13,9 | 1,60 |
| Fz-02-08-500 | | 500 | ● | | 225 | | | | | 8,97 | 9,40 | 12,3 | 12,6 | 1,60 |
| Fz-02-08-630 | | 630 | ● | | 225 | | | | | 8,67 | 9,02 | 11,3 | 11,6 | 1,60 |
| Fz-03-09-160 | M 315 | 160 | ● | 80 | 35 | 18 | 65 | 125 | 70 x 70 x 9 | 18,3 | 20,5 | 34,4 | 36,1 | 0,27 |
| Fz-03-09-200 | | 200 | ● | | 85 | | | | | 16,7 | 18,6 | 29,6 | 31,0 | 0,66 |
| Fz-03-09-250 | | 250 | ● | | 135 | | | | | 15,6 | 17,1 | 25,9 | 27,1 | 1,04 |
| Fz-03-09-315 | | 315 | ● | | 190 | | | | | 14,6 | 15,8 | 22,9 | 23,7 | 1,46 |
| Fz-03-09-400 | | 400 | ● | | 190 | | | | | 13,9 | 14,8 | 20,3 | 21,2 | 1,46 |
| Fz-03-09-500 | | 500 | ● | | 190 | | | | | 13,3 | 14,1 | 18,5 | 19,1 | 1,46 |
| Fz-03-09-630 | | 630 | ● | | 190 | | | | | 12,8 | 13,4 | 16,9 | 17,4 | 1,46 |
| Fz-03-10-200 | M 450 | 200 | ● | 90 | 40 | 18 | 75 | 140 | 70 x 70 x 9 | 24,2 | 27,5 | 46,0 | 47,8 | 0,37 |
| Fz-03-10-250 | | 250 | ● | | 85 | | | | | 22,4 | 25,0 | 39,8 | 41,4 | 1,17 |
| Fz-03-10-315 | | 315 | ● | | 195 | | | | | 20,9 | 22,9 | 34,7 | 36,0 | 1,82 |
| Fz-03-10-400 | | 400 | ● | | 280 | | | | | 19,7 | 21,3 | 30,6 | 31,5 | 2,62 |
| Fz-03-10-500 | | 500 | ● | | 280 | | | | | 18,7 | 20,1 | 27,5 | 28,2 | 2,62 |
| Fz-03-10-630 | | 630 | ● | | 280 | | | | | 18,0 | 19,0 | 24,9 | 25,5 | 2,62 |
| Fz-03-10-800 | | 800 | ● | | 280 | | | | | 17,4 | 18,2 | 22,8 | 23,3 | 2,62 |
| Fz-03-11-250 | M 630 | 250 | ● | 115 | 50 | 24 | 90 | 190 | 100 x 100 x 12 | 34,8 | 39,6 | 62,8 | 65,7 | 0,89 |
| Fz-03-11-315 | | 315 | ● | | 150 | | | | | 32,2 | 35,4 | 54,3 | 56,5 | 2,67 |
| Fz-03-11-400 | | 400 | ● | | 240 | | | | | 30,3 | 32,7 | 47,8 | 49,5 | 4,27 |
| Fz-03-11-500 | | 500 | ● | | 350 | | | | | 28,4 | 30,4 | 42,4 | 43,8 | 6,22 |
| Fz-03-11-630 | | 630 | ● | | 350 | | | | | 27,1 | 28,7 | 38,3 | 39,3 | 6,22 |
| Fz-03-11-800 | | 800 | ● | | 350 | | | | | 26,0 | 27,2 | 34,7 | 35,6 | 6,22 |
| Fz-03-11-1000 | | 1000 | ● | | 350 | | | | | 25,2 | 26,2 | 32,2 | 32,9 | 6,22 |
| Fz-03-12-250 | M 900 | 250 | ● | 140 | 60 | 30 | 110 | 240 | 120 x 120 x 15 | 51,2 | 58,0 | 100 | 106 | 1,59 |
| Fz-03-12-315 | | 315 | ● | | 125 | | | | | 47,0 | 52,3 | 85,7 | 90,2 | 3,32 |
| Fz-03-12-400 | | 400 | ● | | 215 | | | | | 43,5 | 47,7 | 74,0 | 77,4 | 5,70 |
| Fz-03-12-500 | | 500 | ● | | 300 | | | | | 40,8 | 44,2 | 65,3 | 68,1 | 7,95 |
| Fz-03-12-630 | | 630 | ● | | 300 | | | | | 38,8 | 41,4 | 58,1 | 60,4 | 7,95 |
| Fz-03-12-800 | | 800 | ● | | 300 | | | | | 36,9 | 39,0 | 52,2 | 51,7 | 7,95 |
| Fz-03-12-1000 | | 1000 | ● | | 300 | | | | | 35,5 | 37,2 | 47,7 | 49,1 | 7,95 |

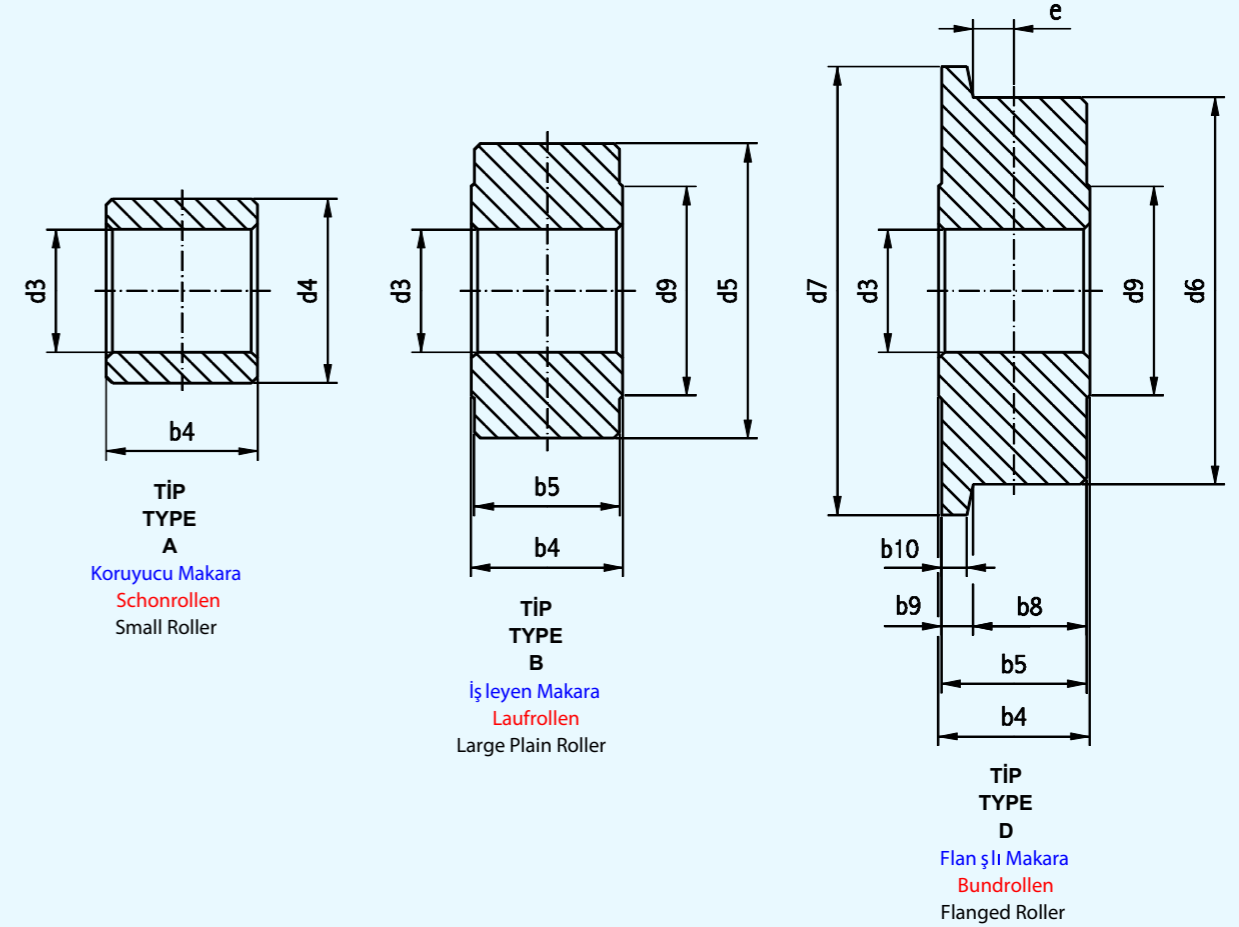
*** Serbest Ölçü
● 1 Delik
F-8.2

*** Fraimaß
● 1 Loch
■ Winkel angebeger

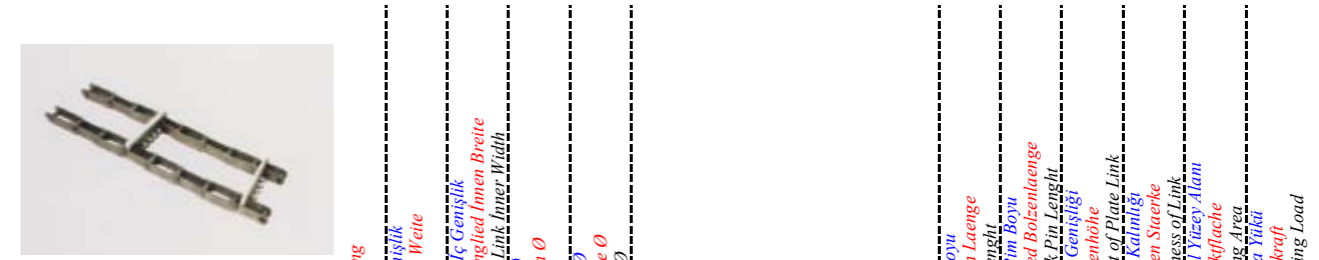
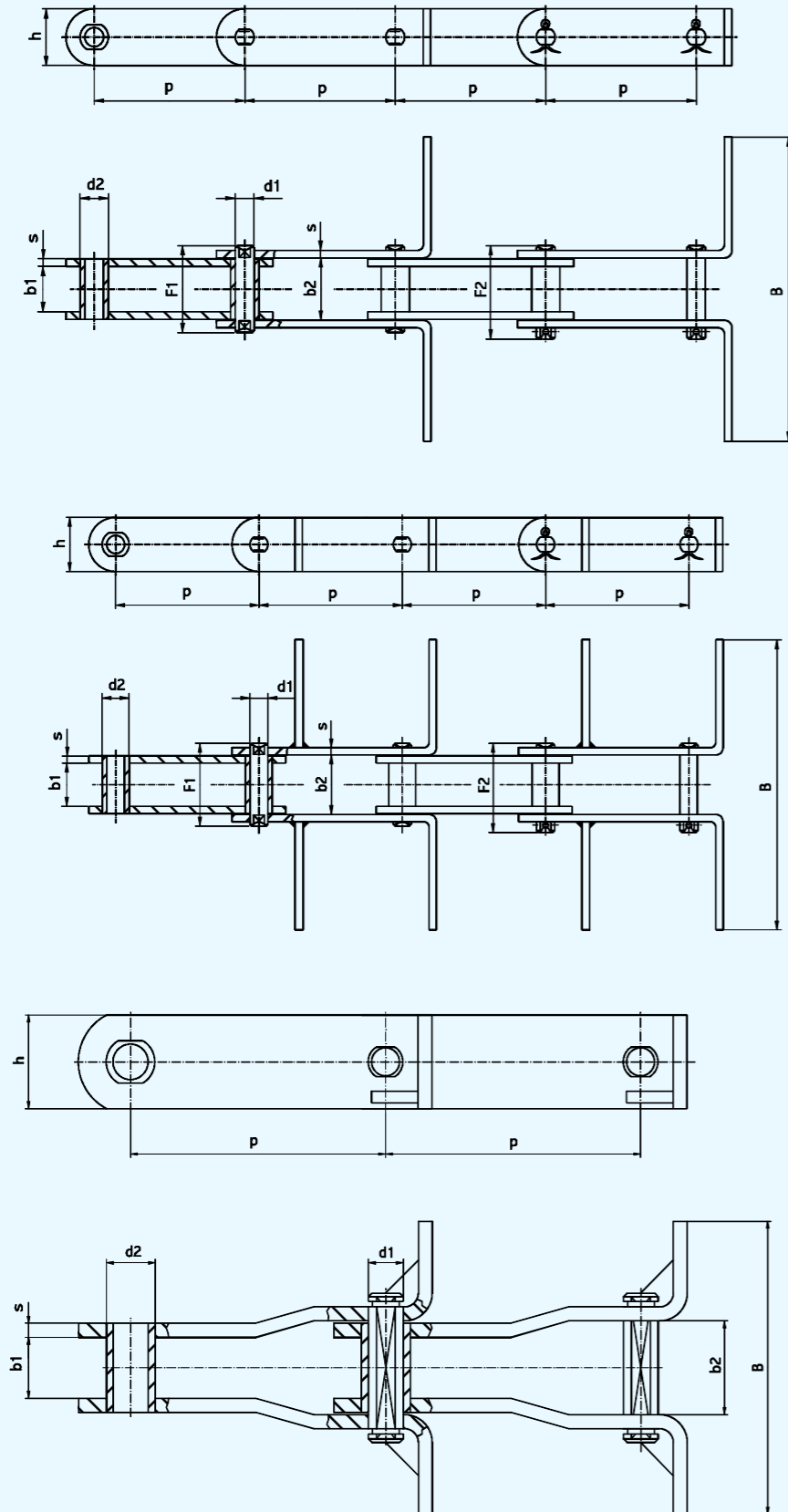
*** Free dimension
● 1 hole only
■ bent attachmen



Diş Makara DIN 8169 'a Göre
Rollen nach DIN 8169
Rollers to DIN 8169



| Zincir no. Ketten nr. Chain nr. | b4 max. | b5 max. | b8 min. | b9 max. | b10 max. | e min. | d3 max. | d4 max. | d5 max. | d6 max. | d7 max. | d9 ~ |
|---------------------------------------|---------|---------|---------|---------|----------|--------|---------|---------|---------|---------|---------|------|
| M 20 | 15 | 14 | 11 | 3 | 25 | 4 | 9,2 | 12,5 | 25 | 25 | 30 | 18 |
| M 28 | 17 | 16 | 12,5 | 3,5 | 3 | 4,5 | 10,2 | 15 | 30 | 30 | 36 | 20 |
| M 40 | 19 | 18 | 13,5 | 4,5 | 3,5 | 4,5 | 12,7 | 18 | 36 | 36 | 42 | 25 |
| M 56 | 23 | 22 | 17 | 5 | 4 | 6 | 15,2 | 21 | 42 | 42 | 50 | 30 |
| M 80 | 27 | 26 | 20 | 6 | 5 | 7 | 18,2 | 25 | 50 | 50 | 60 | 35 |
| M 112 | 31 | 29 | 22 | 7 | 6 | 7,5 | 21,2 | 30 | 60 | 60 | 70 | 40 |
| M 160 | 36 | 34 | 25,5 | 8,5 | 7 | 8,5 | 25,2 | 36 | 70 | 70 | 85 | 50 |
| M 224 | 42 | 40 | 30 | 10 | 8 | 10 | 30,2 | 42 | 85 | 85 | 100 | 60 |
| M 315 | 47 | 45 | 33 | 12 | 10 | 10,5 | 36,2 | 50 | 100 | 100 | 120 | 60 |
| M 450 | 55 | 51 | 37 | 14 | 12 | 11,5 | 42,3 | 60 | 120 | 120 | 140 | 70 |
| M 630 | 65 | 61 | 45 | 16 | 13,5 | 14,5 | 50,3 | 70 | 140 | 140 | 170 | 85 |
| M 900 | 76 | 70 | 52 | 18 | 15 | 17 | 60,3 | 85 | 170 | 170 | 210 | 110 |
| MC 28 | 19 | 18 | 13,5 | 4,5 | 3,5 | 4,5 | 17,7 | 25 | 36 | 36 | 42 | 25 |
| MC 56 | 23 | 22 | 17 | 5 | 4 | 6 | 21,2 | 30 | 50 | 50 | 60 | 35 |
| MC 112 | 31 | 29 | 22 | 7 | 6 | 7,5 | 29,2 | 42 | 70 | 70 | 85 | 50 |
| MC 224 | 42 | 40 | 30 | 10 | 8 | 10 | 41,3 | 60 | 100 | 100 | 120 | 70 |



| ZIMAŞ No. | DIN | p mm. | b ₁ mm. | b ₂ mm. | d ₁ mm. | d ₂ mm. | B mm. | F ₁ mm. | F ₂ mm. | h mm. | s mm. | f cm. ² | F _B N min. |
|--------------|-------|-------|--------------------|--------------------|--------------------|--------------------|-------------------------|--------------------|--------------------|-------|-------|--------------------|-----------------------|
| Kz-02-01-63 | M 40 | 63 | 20 | 28 | 8,5 | 12,5 | | 39,5 | 42 | 25 | 3,5 | 2,38 | 40000 |
| Kz-02-01-80 | | 80 | | | | | Serbest ölçü Freimaß | | | | | | |
| Kz-02-01-100 | | 100 | | | | | Free dimension | | | | | | |
| Kz-02-01-125 | | 125 | | | | | | | | | | | |
| Kz-02-01-160 | | 160 | | | | | | | | | | | |
| Kz-02-02-63 | M 56 | 63 | 24 | 33 | 10 | 15 | | 46 | 49,5 | 30 | 4 | 3,30 | 56000 |
| Kz-02-02-80 | | 80 | | | | | Serbest ölçü Freimaß | | | | | | |
| Kz-02-02-100 | | 100 | | | | | Free dimension | | | | | | |
| Kz-02-02-125 | | 125 | | | | | | | | | | | |
| Kz-02-02-160 | | 160 | | | | | | | | | | | |
| Kz-02-03-80 | M 80 | 80 | 28 | 39 | 12 | 18 | | 55 | 58,5 | 35 | 5 | 4,68 | 80000 |
| Kz-02-03-100 | | 100 | | | | | Serbest ölçü Freimaß | | | | | | |
| Kz-02-03-125 | | 125 | | | | | Free dimension | | | | | | |
| Kz-02-03-160 | | 160 | | | | | | | | | | | |
| Kz-02-03-200 | | 200 | | | | | | | | | | | |
| Kz-02-04-80 | M 112 | 80 | 32 | 45 | 15 | 21 | | 64 | 68,5 | 40 | 6 | 6,75 | 112000 |
| Kz-02-04-100 | | 100 | | | | | Serbest ölçü Freimaß | | | | | | |
| Kz-02-04-125 | | 125 | | | | | Free dimension | | | | | | |
| Kz-02-04-160 | | 160 | | | | | | | | | | | |
| Kz-02-04-200 | | 200 | | | | | | | | | | | |
| Kz-02-04-250 | | 250 | | | | | | | | | | | |
| Kz-02-05-100 | M 160 | 100 | 37 | 52,5 | 18 | 25 | | 74,5 | 79 | 50 | 7 | 9,36 | 160000 |
| Kz-02-05-125 | | 125 | | | | | Serbest ölçü Freimaß | | | | | | |
| Kz-02-05-160 | | 160 | | | | | Free dimension | | | | | | |
| Kz-02-05-200 | | 200 | | | | | | | | | | | |
| Kz-02-05-250 | | 250 | | | | | | | | | | | |
| Kz-02-06-125 | M 224 | 125 | 43 | 61 | 21 | 30 | | 86 | 91,5 | 60 | 8 | 12,6 | 224000 |
| Kz-02-06-160 | | 160 | | | | | Serbest ölçü Freimaß | | | | | | |
| Kz-02-06-200 | | 200 | | | | | Free dimension | | | | | | |
| Kz-02-06-250 | | 250 | | | | | | | | | | | |
| Kz-02-07-160 | M 315 | 160 | 48 | 70,5 | 25 | 36 | | 100,5 | 106 | 70 | 10 | 17,5 | 315000 |
| Kz-02-07-200 | | 200 | | | | | Serbest ölçü Freimaß | | | | | | |
| Kz-02-07-250 | | 250 | | | | | Free dimension | | | | | | |
| Kz-02-07-315 | | 315 | | | | | | | | | | | |

PİM MAKARALI ZİNCİRLER

DIN 8168

HOHLBOLZENKETTEN

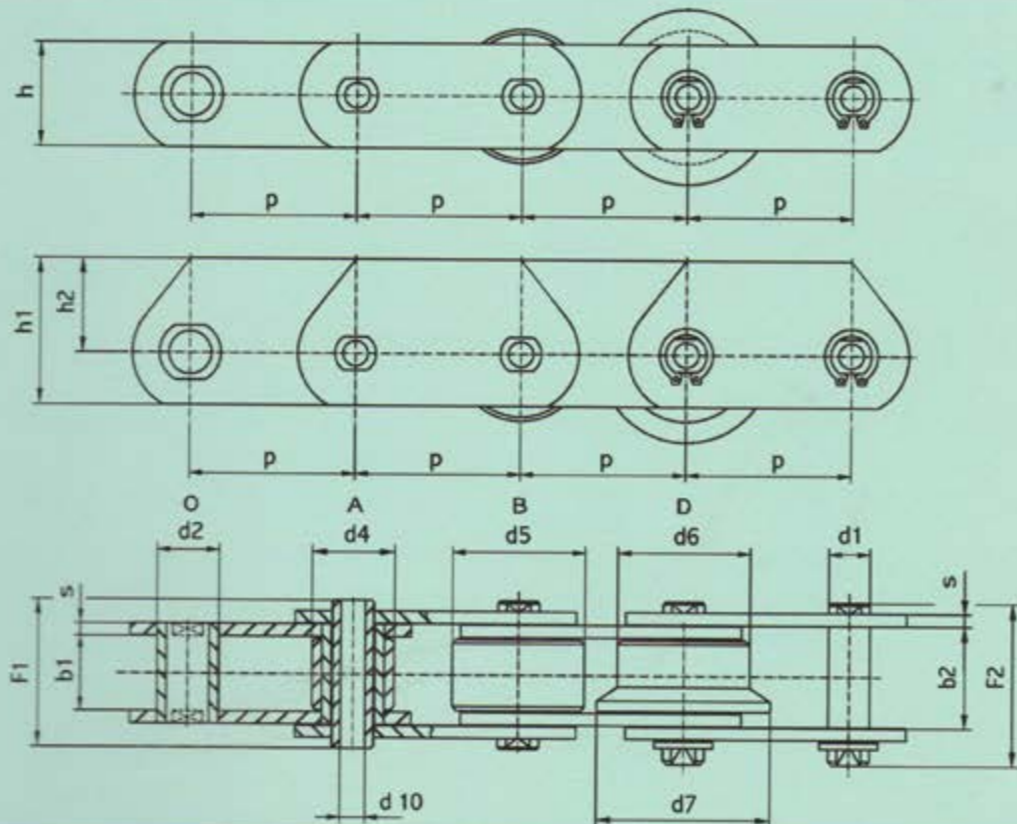
DIN 8168

HOLLOW PIN CHAINS

DIN 8168



| ZIMAŞ No. | DIN | p mm. | b ₁ mm. | b ₂ mm. | d ₁ mm. | d ₂ mm. | d ₄ mm. | d ₅ mm. | d ₆ /d ₇ mm. | d ₁₀ mm. | e mm. | F ₁ mm. | F ₂ mm. | h mm. | s mm. | h ₁ mm. | h ₂ mm. | f cm. ² | F _{th} N min. | |
|--------------|--------|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------------------------|---------------------|-------|--------------------|--------------------|-------|-------|--------------------|--------------------|--------------------|------------------------|--|
| Pm-01-01-63 | MC 28 | 63 | 20 | 28 | 13 | 17,5 | 25 | 36 | 36/42 | 8,2 | 4,5 | 40 | 41,5 | 25 | 3,5 | 35 | 22,5 | 3,84 | 28000 | |
| Pm-01-01-80 | | 80 | | | | | | | | | | | | | | | | | | |
| Pm-01-01-100 | | 100 | | | | | | | | | | | | | | | | | | |
| Pm-01-01-125 | | 125 | | | | | | | | | | | | | | | | | | |
| Pm-01-01-160 | | 160 | | | | | | | | | | | | | | | | | | |
| Pm-01-02-80 | MC 56 | 80 | 24 | 33 | 15,5 | 21 | 30 | 50 | 50/60 | 10,2 | 6 | 46 | 47,5 | 35 | 4 | 50 | 32,5 | 5,11 | 56000 | |
| Pm-01-02-100 | | 100 | | | | | | | | | | | | | | | | | | |
| Pm-01-02-125 | | 125 | | | | | | | | | | | | | | | | | | |
| Pm-01-02-160 | | 160 | | | | | | | | | | | | | | | | | | |
| Pm-01-02-200 | | 200 | | | | | | | | | | | | | | | | | | |
| Pm-01-02-250 | | 250 | | | | | | | | | | | | | | | | | | |
| Pm-01-03-100 | MC 112 | 100 | 32 | 45 | 22 | 29 | 42 | 70 | 70/85 | 14,3 | 7,5 | 65 | 67 | 50 | 6 | 70 | 45 | 9,9 | 112000 | |
| Pm-01-03-125 | | 125 | | | | | | | | | | | | | | | | | | |
| Pm-01-03-160 | | 160 | | | | | | | | | | | | | | | | | | |
| Pm-01-03-200 | | 200 | | | | | | | | | | | | | | | | | | |
| Pm-01-03-250 | | 250 | | | | | | | | | | | | | | | | | | |
| Pm-01-03-315 | | 315 | | | | | | | | | | | | | | | | | | |
| Pm-01-04-160 | MC 224 | 160 | 43 | 61 | 31 | 41 | 60 | 100 | 100/12 | 20,3 | 10 | 85 | 87 | 70 | 8 | 100 | 65 | 18,6 | 224000 | |
| Pm-01-04-200 | | 200 | | | | | | | | | | | | | | | | | | |
| Pm-01-04-250 | | 250 | | | | | | | | | | | | | | | | | | |
| Pm-01-04-315 | | 315 | | | | | | | | | | | | | | | | | | |
| Pm-01-04-400 | | 400 | | | | | | | | | | | | | | | | | | |



KULAKLI ZİNCİRLER

DIN 8168

KETTEN MIT WINKELASCHEN

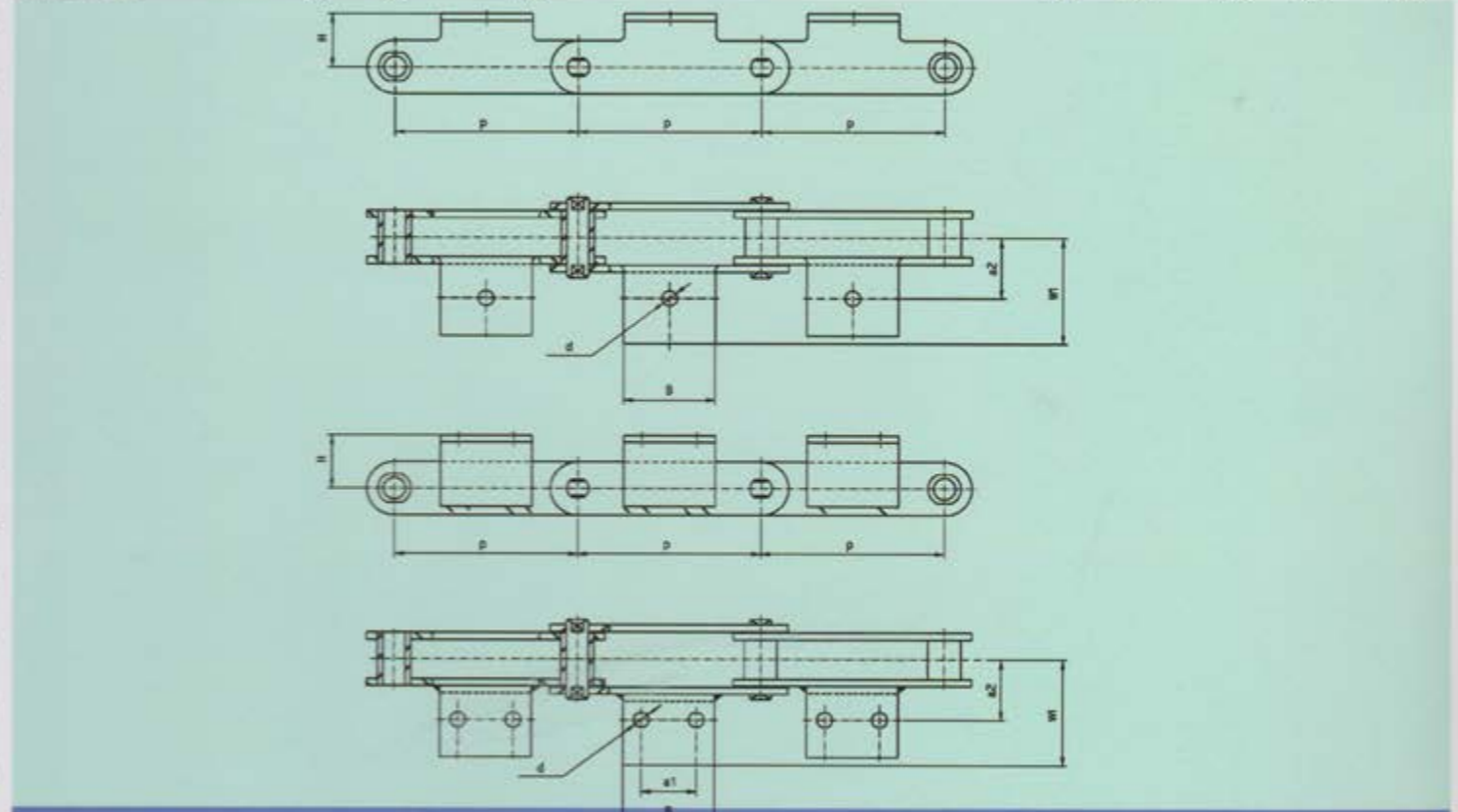
DIN 8168

CHAINS WITH ATTACHMENT

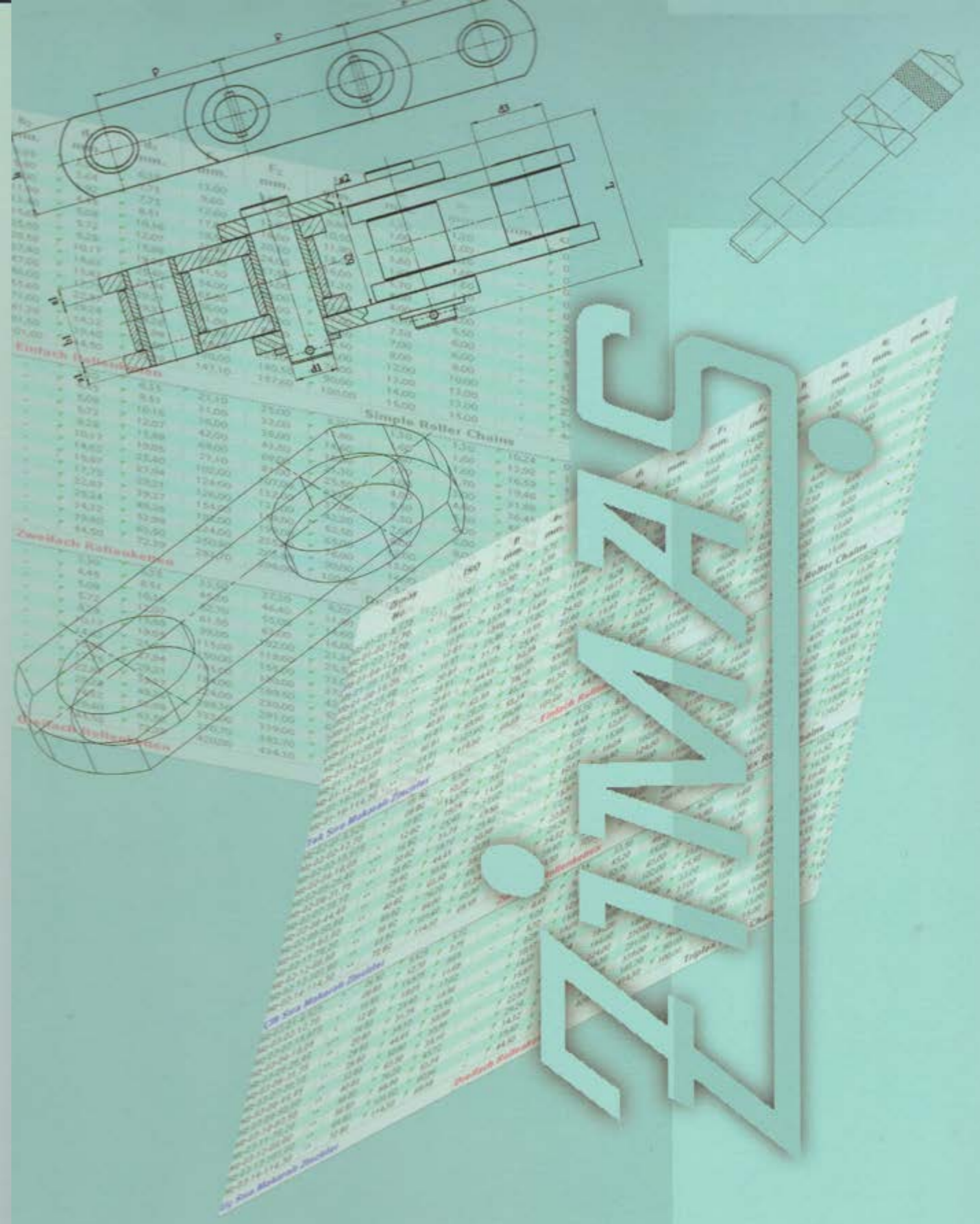
DIN 8168



| ZIMAŞ No. | DIN | p mm. | a ₁ mm. | a ₂ mm. | B mm. | d mm. | H mm. | W ₁ mm. | Kulak şekli Winkelprofil Angle Iron | Zincir Ağırlığı Kettengewicht Weight Chain | Zincir Ağırlığı Kettengewicht Weight Chain | Zincir Ağırlığı Kettengewicht Weight Chain | Zincir Ağırlığı Kettengewicht Weight Chain | Zincir Ağırlığı Kettengewicht Weight Chain | Zincir Ağırlığı Kettengewicht Weight Chain | Zincir Ağırlığı Kettengewicht Weight Chain | Zincir Ağırlığı Kettengewicht Weight Chain | Zincir Ağırlığı Kettengewicht Weight Chain | Zincir Ağırlığı Kettengewicht Weight Chain | |
|--------------|--------|-------|--------------------|--------------------|-------|-------|-------|--------------------|-------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Pm-01-01-63 | MC 28 | 63 | ● | 35 | 20 | 9 | 25 | 56 | 30 x 30 x 3 | 2,6 | 3,8 | 5,0 | 5,2 | 0,03 | | | | | | |
| Pm-01-01-80 | | 80 | ● | 20 | 40 | | | | | 2,4 | 3,3 | 4,3 | 4,4 | 0,06 | | | | | | |
| Pm-01-01-100 | | 100 | ● | 40 | 60 | | | | | 2,2 | 2,9 | 3,7 | 3,8 | 0,09 | | | | | | |
| Pm-01-01-125 | | 125 | ● | 65 | 85 | | | | | 2,0 | 2,6 | 3,2 | 3,3 | 0,12 | | | | | | |
| Pm-01-01-160 | | 160 | ● | 65 | 85 | | | | | 1,9 | 2,3 | 2,8 | 2,9 | 0,12 | | | | | | |
| Pm-01-02-80 | MC 56 | 80 | ● | 44 | 25 | 11 | 35 | 76 | 40 x 40 x 4 | 3,5 | 4,9 | 5,7 | 6,0 | 0,06 | | | | | | |
| Pm-01-02-100 | | 100 | ● | 25 | 25 | | | | | 3,3 | 4,4 | 5,0 | 5,2 | 0,06 | | | | | | |
| Pm-01-02-125 | | 125 | ● | 50 | 75 | | | | | 3,1 | 4,0 | 4,5 | 4,6 | 0,18 | | | | | | |
| Pm-01-02-160 | | 160 | ● | 85 | 110 | | | | | 2,9 | 3,6 | 4,0 | 4,1 | 0,27 | | | | | | |
| Pm-01-02-200 | | 200 | ● | 125 | 150 | | | | | 2,7 | 3,3 | 3,6 | 3,7 | 0,36 | | | | | | |
| Pm-01-02-250 | | 250 | ● | 125 | 150 | | | | | 2,6 | 3,1 | 3,3 | 3,4 | 0,36 | | | | | | |
| Pm-01-03-100 | MC 112 | 100 | ● | 55 | 30 | 14 | 45 | 96 | 50 x 50 x 6 | 8,5 | 9,9 | 12,9 | 13,5 | 0,13 | | | | | | |
| Pm-01-03-125 | | 125 | ● | 30 | 30 | | | | | 7,6 | 8,9 | 11,3 | 11,7 | 0,13 | | | | | | |
| Pm-01-03-160 | | 160 | ● | 50 | 80 | | | | | 6,9 | 8,0 | 9,9 | 10,2 | 0,36 | | | | | | |
| Pm-01-03-200 | | 200 | ● | 85 | 115 | | | | | 6,5 | 7,3 | 8,8 | 9,1 | 0,51 | | | | | | |
| Pm-01-03-250 | | 250 | ● | 145 | 175 | | | | | 6,1 | 6,8 | 8,0 | 8,2 | 0,78 | | | | | | |
| Pm-01-03-315 | | 315 | ● | 145 | 175 | | | | | 5,3 | 5,8 | 6,8 | 6,9 | 0,78 | | | | | | |
| Pm-01-04-160 | MC 224 | 160 | ● | 70 | 35 | 18 | 65 | 110 | 60 x 60 x 8 | 13,6 | 16,4 | 27,0 | 28,7 | 0,25 | | | | | | |
| Pm-01-04-200 | | 200 | ● | 50 | 85 | | | | | 12,6 | 13,5 | 22,0 | 23,4 | 0,60 | | | | | | |
| Pm-01-04-250 | | 250 | ● | 100 | 135 | | | | | 11,9 | 12,5 | 19,4 | 20,5 | 0,96 | | | | | | |
| Pm-01-04-315 | | 315 | ● | 155 | 190 | | | | | 11,2 | 11,8 | 17,2 | 18,0 | 1,35 | | | | | | |
| Pm-01-04-400 | | 400 | ● | 155 | 190 | | | | | 10,8 | 12,1 | 16,0 | 16,8 | 1,52 | | | | | | |



*** Serbest Ölçü *** Fraimaß *** Free dimension
 ● 1 Delik ● 1 Loch ● 1 hole only
 ■ Yekpare Bükük Kulak ■ Winkel angeboger ■ bent attachmen



TEKNIK BILGILER – ZINCIR SEÇİMİ
TECHNISCHEDATEN – AUSWAHL DER KETTEN
TECHNICAL INFORMATION – SELECTION OF CHAINS



Isıl İşlem Bölümü
Härte Behandlungs Abteilung
Heat Treatment Department



CNC Bölümü
CNC Abteilung
CNC Lathe



Pres Bölümü
Press Abteilung
Presses



Plazma ve Oksijen
Plazma und Gas Schweißung
Plasma Cutting and Oxygen Plants



MAAS



Laboratuvar
Labor
Laboratory



Haddehane
Wälz Abteilung
Rolling Mill





- MAKARALI ZİNCİR SİPARİŞİ İÇİN DETAYLAR

- Gecikmelere neden olabilecek hatalardan kaçınmak için lütfen aşağıdaki detayları göz önünde bulundurun.

- a) - Zincir sıra sayısı.
 b) - Zincir siparişi verilirken zincir tipi bilinmiyorsa lütfen aşağıdaki maddeleri veya zincir numunesini temin ediniz.
 P => Hatve
 b_i => İç genişlik
 d_b => Dış makara çapı
 h => Bakla genişliği
 e => Çapraz hatve (Çok sıralı zincirler için)
 c) - Zincir uzunluğu.

c.1) Uzunluk metre olarak sipariş verildiğinde, zincirin daima iç bakla ile başlar, iç bakla ile bitecek şekilde olur. Bağlantı elemanları ayrıca sipariş verilmelidir.

c.2) Zincir bakla sayısı istenildiğinde, başlangıç ve bitişi mutlaka belirtilmelidir. Zincirler çift sayılı baklalara sahiptir ki bunlar montaj için bağlantı elemanlarıyla hazır duruma getirilsin.

d) - Eşli çalışan zincirler.

d.1) Zincirler montaj uzunluklarına göre paralel olarak dengelenmelidir. Bu sipariş aşamasında belirtilmelidir ki zincirler ön gerdirme, işaretleme ve çiftli olarak eşleştirmeli olarak temin edilebilsin. Lütfen bu gereksinimleri ilk sipariş aşamasında açık bir şekilde belirtin.

Lütfen zincirlerin nerede ve ne amaçla kullanılacağını belirtin. ZİMAŞ'ın müşterilerine uygulamalar için doğru zincir sağlamasında yardımcı olun.

- HESAPLAMA SEMBOLLERİ

| TANIM | SEMBOL | BİRİM |
|-----------------------------------|---------------------------------|-------------------|
| TORK | Md | Nm |
| İLK HIZ | n | min ⁻¹ |
| STATİK ÇEKME GÜCÜ | F | N |
| DİNAMİK ÇEKME GÜCÜ | F _d | N |
| MERKEZİ ÇEKME GÜCÜ | F _F | N |
| HATVE ÇAPI | d ₀ | mm |
| HIZ | V | m/s |
| DİŞ SAYISI | Z ₁ / Z ₂ | |
| HATVE | p | mm |
| DİŞLİ EKSENLERİ ARASI MESAFE | a | mm |
| ZİNCİR UZUNLUĞU | X | |
| KAPASİTE | P | KW/PS |
| DIYAGRAM / TABLO KAPASİTESİ | P _D / P _T | KW/PS |
| KARŞILIK FAKTÖRLERİ | | |
| a) İŞLETİM ŞARTLARI | f ₁ | |
| b) DİŞ SAYISI | f ₂ | |
| c) TRANSMİSYON (İLETME) ORANI | f ₃ | |
| d) MERKEZİ UZAKLIK | f ₄ | |
| e) ZİNCİR TİPİ (TEK, ÇİFT, V.B) | f ₅ | |
| ZİNCİR AĞIRLIĞI | q | Kg/m |



- ZİNCİR SEÇİMİNDE BİLİNMESİ GEREKENLER

| | |
|---|------------------------------|
| * İLETİLECEK GÜÇ | P (KW/PS) |
| * ZİNCİR DİŞLİSİNİN TAHRİKİ İÇİN DEVİR SAYISI | n |
| * TRANSMİSYON (İLETME) ORANI | i[-] |
| * DİŞLİ EKSENLERİ ARASI MESAFE | a[mm] |
| * KARŞILIK FAKTÖRÜ | f _{1-f₂} |

- KARŞILIK FAKTÖRLERİ İLETİM GÜCÜYLE ÇARPILIR.

- UYGUN ZİNCİR İÇİN PD GÜCÜ DİYAGRAMINA GÖRE VEYA TABLODAKİ PT GÜCÜNE BAĞLI OLARAK BELİRLENİR.

- FORMÜLLER

| | |
|-----------------------|--|
| TORK => | $Md = \frac{9550 \cdot p}{n} = \frac{F \cdot d_0}{2000} \quad \text{Nm}$ |
| KAPASİTE => | $P = \frac{F \cdot V}{1000} = \frac{Md \cdot n}{9550} \quad \text{KW}$ |
| STATİK ÇEKME GÜCÜ => | $F = \frac{1000 \cdot P}{V} = \frac{2000 \cdot Md}{d_0} \quad \text{N}$ |
| HIZ => | $V = \frac{z \cdot p \cdot n}{60 \cdot 000} \quad \text{m/s}$ |
| DİNAMİK ÇEKME GÜCÜ => | $F_d = F \cdot f_1 + F_F \quad \text{N}$ |
| HATVE ÇAPI => | $d_0 = \frac{p}{\sin \frac{180^\circ}{z}} \quad \text{mm}$ |
| MERKEZİ ÇEKME GÜCÜ => | $F_f = q \cdot V^2 \quad \text{N}$ |



- TRANSMİSYON ZİNCİRLERİNİN KULLANMANIN AVANTAJLARI

- Oldukça uzak mesafelere güç ve hareket iletir.
- İstenen çevrim oranını tam olarak sağlar.
- Bir milden aynı anda birkaç mile hareket iletebilir.
- Çeşitli ortamlarda (sıcaklık, toz, rutubet) iyi bir çalışma kabiliyeti gösterir.

- ZİNCİR SEÇİMİNDE DİKKAT EDİLECEK FAKTÖRLER

- Zincir seçimi genellikle ürettiği güç ve devir sayılarına göre seçilir.
- Darbeli yükte çalışma veya sürekli sabit yükte çalışma şartları zincir seçimini etkiler.
- Uzun ömürlü ve güvenli bir zincir seçimi, güç, pinyon dişlisi, devir sayısı, çalışma koşulları, yağlama, bakım ve hatvenin çok iyi seçilmesi ile mümkündür.

- ZİNCİR SEÇİMİ İÇİN ETKİ FAKTÖRLERİ

| ÇALIŞMA ŞEKLİ (TİPİ) | DARBESİZ SABİT YÜK | BENZER HAFİF ŞOKLAR | HAFİF ŞOKLAR ORTA DÜZEYLİ ŞİŞME YÜKLERİ | ORTA ŞOKLAMA AĞIR ŞİŞME YÜKLERİ | AĞIR ŞOKLAR HAFİF ÜZERİ ÇALIŞMA ŞOKLARI | AĞIR ŞOKLAR ORTA ÜZERİ ÇALIŞMA ŞOKLARI |
|--------------------------------|-----------------------|------------------------|---|---------------------------------------|---|--|
| ŞOKLAMA (DARBE) KATSİYİSİ | 1 | 1,5 | 2 | 3 | 4 | 5 |
| ETKEN f_1 | 1 | 1,25 | 1,37 | 1,59 | 1,73 | 1,89 |

| DIŞ SAYISI z_1 | 11 | 13 | 15 | 17 | 19 | 21 | 23 | 25 |
|------------------|------|------|-----|------|----|-----|------|------|
| ETKEN f_2 | 1,82 | 1,52 | 1,3 | 1,14 | 1 | 0,9 | 0,81 | 0,74 |

| TRANSMİSYON ORANI | 1:1 | 2:1 | 3:1 | 5:1 | $\geq 7:1$ |
|-------------------|------|------|-----|------|------------|
| ETKEN f_3 | 1,22 | 1,08 | 1 | 0,92 | 0,87 |

| DIŞLI EKSENLERİ ARASI MESAFE (a) | 20.p | 40.p | 80.p | 160.p |
|---------------------------------------|------|------|------|-------|
| ETKEN f_4 | 1,15 | 1 | 0,85 | 0,69 |

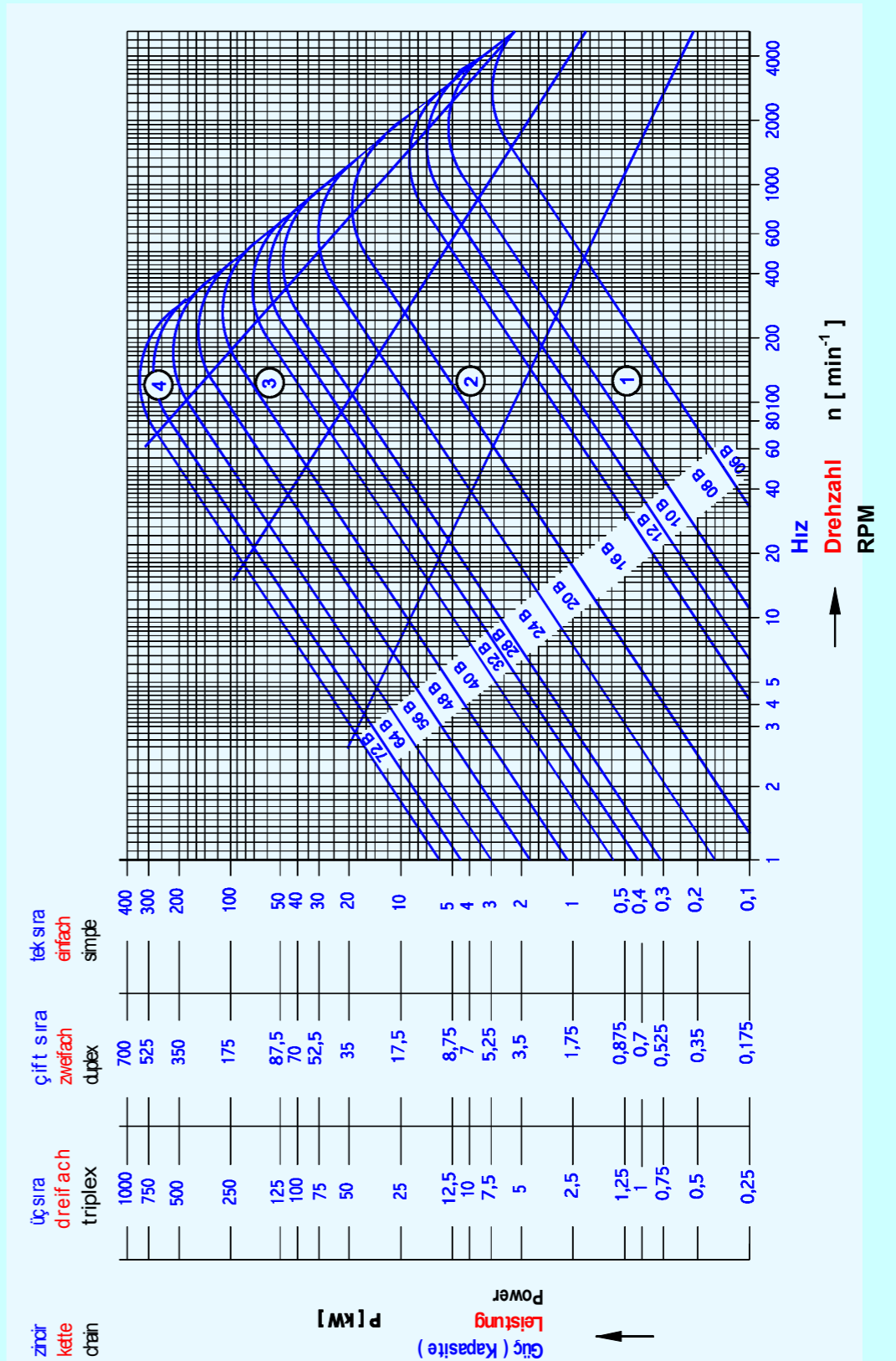
| ZİNCİR TİPİ | TEK SIRA | ÇİFT SIRA | ÜÇ SIRA |
|-------------|----------|-----------|---------|
| ETKEN f_5 | 1 | 0,6 | 0,4 |



- ZİNCİR SEÇİM DİYAGRAMI

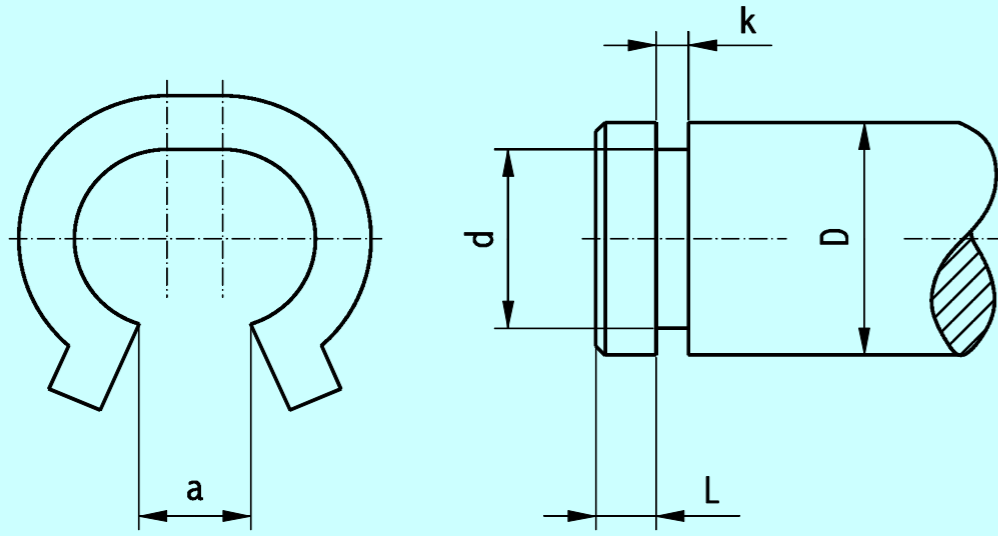
- AUSWAHL DER KETTEN

- SELECTION OF CHAINS





- TAKVİYELİ SEGMANLAR
- ABMESSUNGEN FÜR SCHLIEBRINGE
- REINFORCEMENT SPRING CLIP



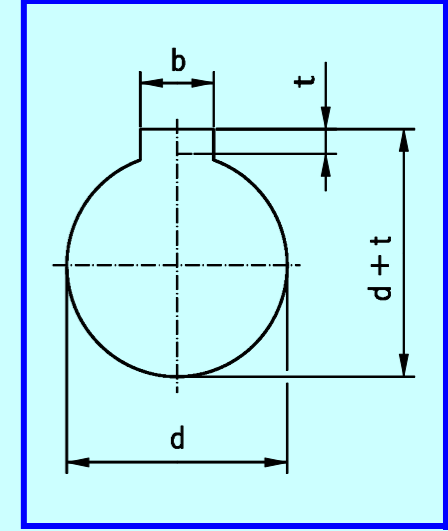
| D | a | d | k | s | l |
|----|-------|--------------|-------------|------|-------|
| 8 | 6,20 | 6,00 - 0,20 | 1,80 + 0,20 | 1,50 | 2,50 |
| 10 | 7,50 | 7,20 - 0,20 | 1,80 + 0,20 | 1,50 | 2,50 |
| 12 | 9,30 | 9,40 - 0,20 | 1,80 + 0,20 | 1,50 | 3,00 |
| 14 | 11,30 | 10,90 - 0,20 | 2,40 + 0,20 | 2,00 | 3,50 |
| 16 | 12,90 | 12,70 - 0,20 | 3,00 + 0,20 | 2,50 | 4,50 |
| 18 | 14,30 | 13,80 - 0,20 | 3,50 + 0,20 | 3,00 | 5,00 |
| 20 | 16,00 | 15,50 - 0,20 | 3,50 + 0,20 | 3,00 | 6,00 |
| 22 | 18,00 | 17,50 - 0,20 | 3,50 + 0,20 | 3,00 | 6,00 |
| 26 | 21,00 | 20,00 - 0,30 | 3,50 + 0,20 | 3,00 | 6,50 |
| 30 | 23,20 | 23,00 - 0,30 | 4,50 + 0,20 | 4,00 | 7,00 |
| 36 | 31,30 | 30,00 - 0,30 | 4,50 + 0,20 | 4,00 | 8,00 |
| 39 | 32,80 | 32,50 - 0,30 | 5,50 + 0,20 | 5,00 | 8,50 |
| 40 | 32,80 | 32,50 - 0,30 | 4,50 + 0,20 | 4,00 | 8,50 |
| 42 | 35,70 | 35,50 - 0,30 | 4,50 + 0,20 | 4,00 | 8,00 |
| 50 | 44,50 | 41,50 - 0,30 | 5,50 + 0,20 | 5,00 | 10,00 |
| 60 | 50,50 | 50,00 - 0,30 | 5,50 + 0,20 | 5,00 | 10,00 |



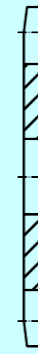
- MİL ÇAPINA GÖRE KAMA ÖLÇÜLERİ (DIN 6885)
- NABENNUTABMESSUNGEN FÜR PAßFEDERN (DIN 6885)
- THE SIZES OF KEYWAY (DIN 6885)

| d | b | t |
|---------|----|------|
| 6 - 8 | 2 | 1,00 |
| 8 - 10 | 3 | 1,40 |
| 10 - 12 | 4 | 1,80 |
| 12 - 17 | 5 | 2,30 |
| 17 - 22 | 6 | 2,80 |
| 22 - 30 | 8 | 3,30 |
| 30 - 38 | 10 | 3,30 |
| 38 - 44 | 12 | 3,30 |
| 44 - 50 | 14 | 3,80 |
| 50 - 58 | 16 | 4,30 |
| 58 - 65 | 18 | 4,40 |
| 65 - 75 | 20 | 4,90 |

| d | b | t |
|-----------|----|-------|
| 75 - 85 | 22 | 5,40 |
| 85 - 95 | 25 | 5,40 |
| 95 - 110 | 28 | 6,40 |
| 110 - 130 | 32 | 7,40 |
| 130 - 150 | 36 | 8,40 |
| 150 - 170 | 40 | 9,40 |
| 170 - 200 | 45 | 10,40 |
| 200 - 230 | 50 | 11,40 |
| 230 - 260 | 56 | 12,40 |
| 260 - 290 | 63 | 12,40 |
| 290 - 330 | 70 | 14,40 |
| 330 - 380 | 80 | 15,4 |



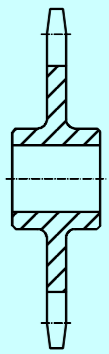
- DİŞLİ KONSTRÜKSİYON ÇEŞİTLERİ
- KETTENRADER FORMEN
- SPROCKET DESIGNS



Form A



Form B



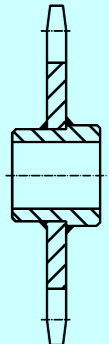
Form C



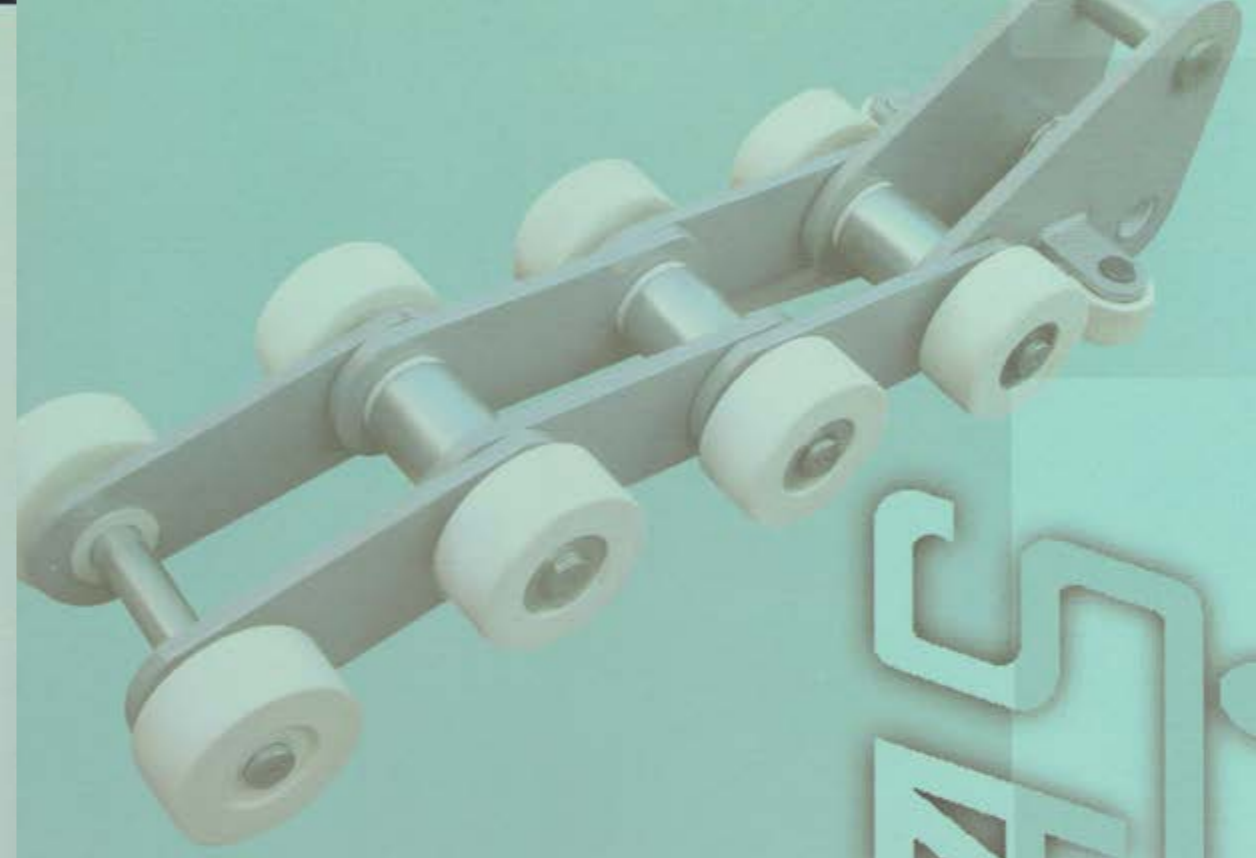
Form E



Form F



Form G




ZİİMAZ

ÖZEL ÜRETİMLERİMİZ
SONDER FERTIGUNG
SPECIAL PRODUCTION

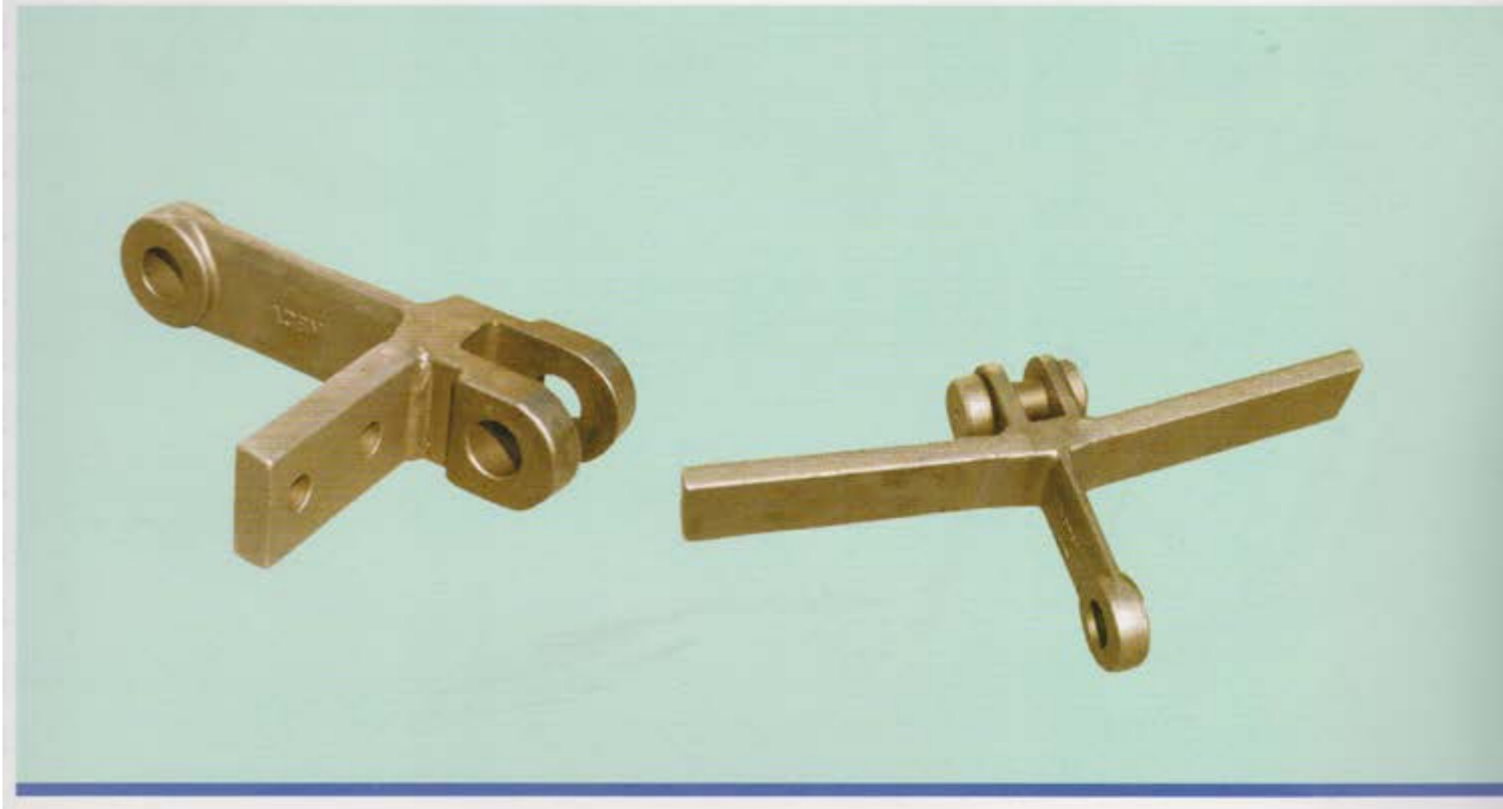


SICAK DÖVME ZİNCİRLERİ

SCHMIEDEKETTEN

| Zımaş No. | ISO | Havze Teilung Pitch p mm. | Bakla Gırtlığı Lanzenhöhe Height of Plate Link h mm. | Bakla Kalınlığı Lanzen Stärke Thickness of Link s mm. | Delik Ø Bohrung Ø Hole Ø d mm. |
|--------------|-----|---------------------------------------|--|---|--|
| Dv-01-01-102 | - | 102 | 36 | 15 | 14 |
| Dv-01-02-125 | - | 125 | 36 | 13 | 16 |
| Dv-01-03-142 | - | 142 | 40 | 19 | 20 |
| Dv-01-04-142 | - | 142 | 40 | 20 | 20 |
| Dv-01-05-142 | - | 142 | 50 | 19 | 25 |
| Dv-01-06-142 | - | 142 | 50 | 22 | 25 |
| Dv-01-07-142 | - | 142 | 50 | 25 | 25 |
| Dv-01-08-142 | - | 142 | 50 | 29 | 25 |
| Dv-01-09-143 | - | 143 | 50 | 18 | 25 |
| Dv-01-10-160 | - | 160 | 46 | 20 | 20 |
| Dv-01-11-160 | - | 160 | 50 | 25 | 25 |



ÖZEL ÜRÜMLERİMİZ

SONDER FERTİGUNG

SPECIAL PRODUCTION



ÖZEL ÜRÜMLERİMİZ

SONDER FERTİGUNG

SPECIAL PRODUCTION





zincirde

30

yıllık tecrübe..

jahre erfahrung in ketten..

years experience in chains..



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