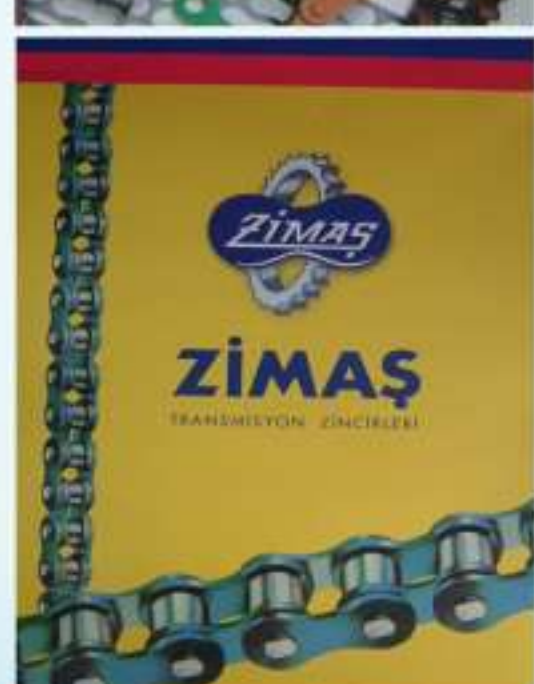
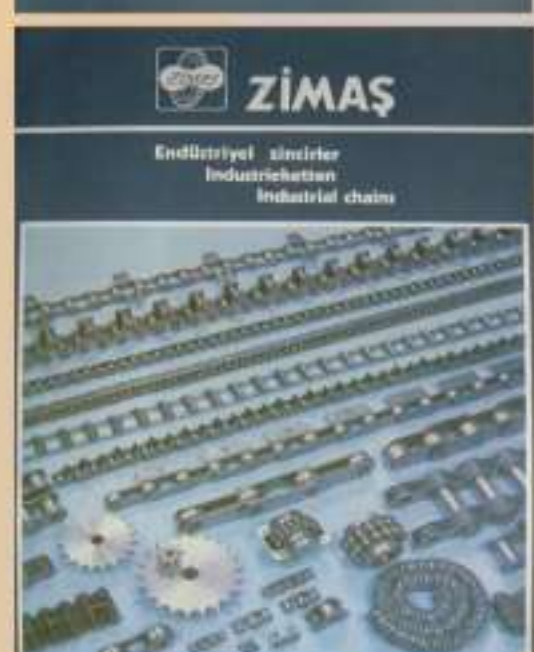
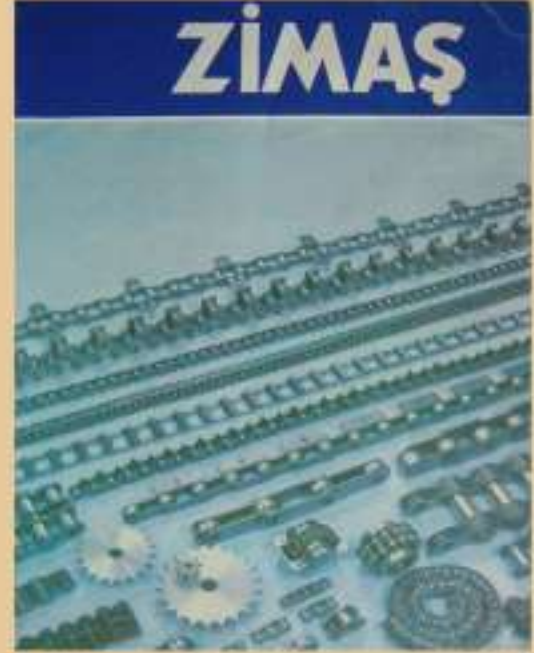
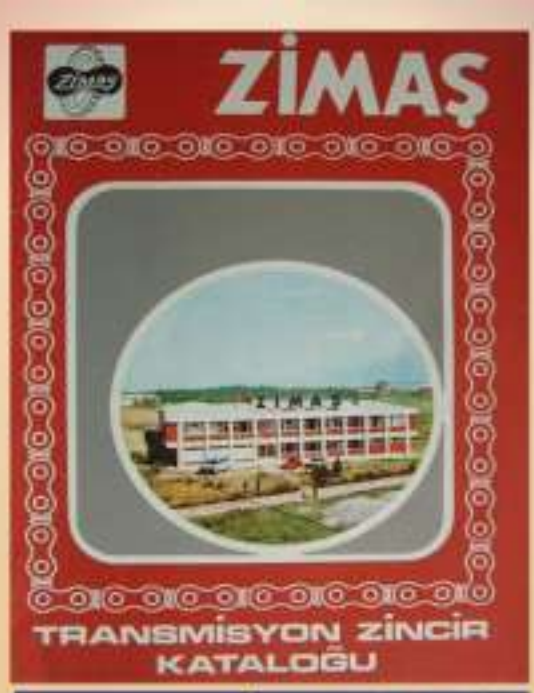




ZİMAŞ

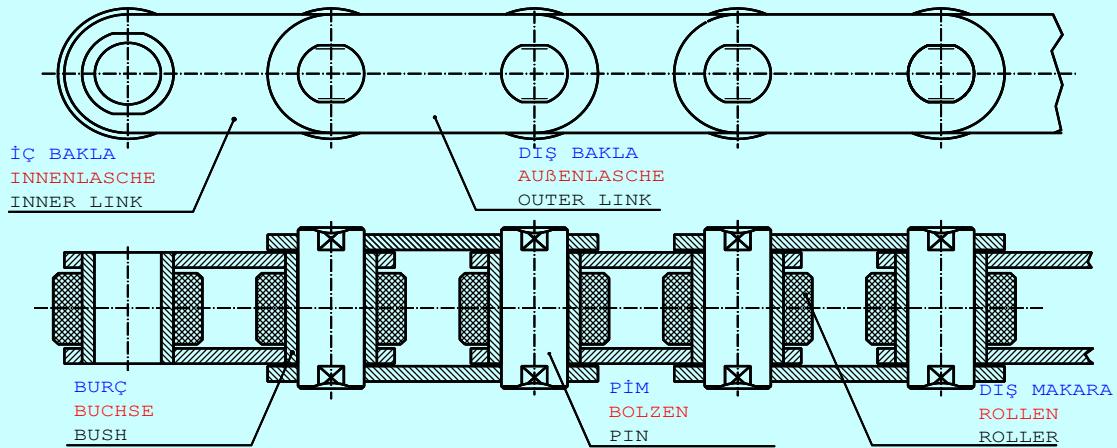
1976'dan bu yana..
seit 1976..
since 1976..



- 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 mafsalsal hareketini oluşturmaktadır. Zincir parçaları çeşitli malzemelerden üretilmektedir. Bunların ana yapısı ıslah , sementasyon ve alaşımlı 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 semente 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 alaşımlı 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 verschieden 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 Abnutzungsgefahr. 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-hardened 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

DIN 8187

ROLLENKETTEN

DIN 8187

ROLLER CHAIN

DIN 8187



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.	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	*	081-1	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	*	084-1	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	355000	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

* Kilitleri Segmanlı Yapılanlar

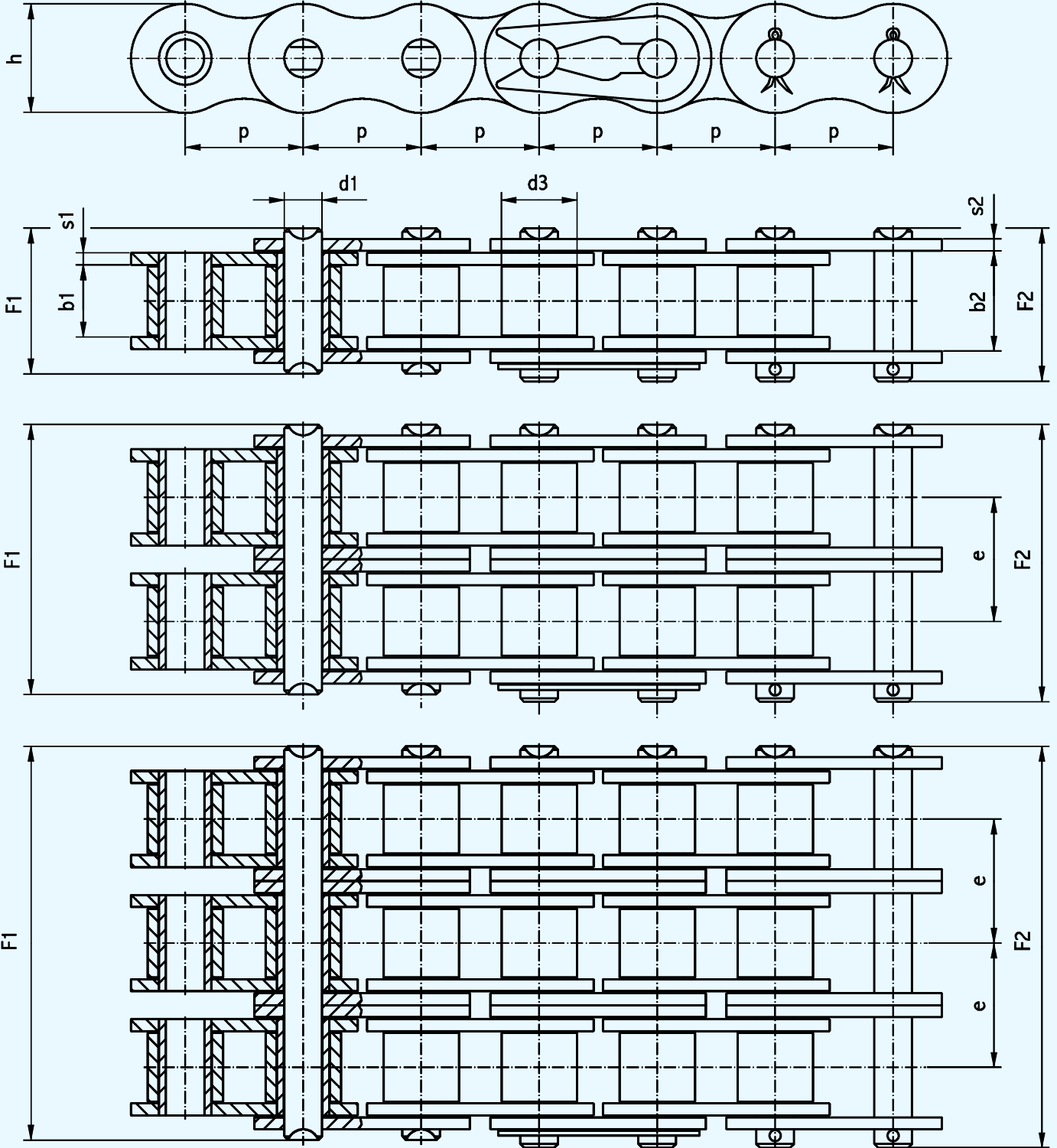
* V-Glieder Mit Versicheungsring

* With Segment Pin

** Kilitleri Gupilyalı Yapılanlar

** V-Glieder Mit Splint

** With Cottered Pin



MAKARALI ZİNCİRLER

DIN 8188

ROLLENKETTEN

DIN 8188

ROLLER CHAIN

DIN 8188

BURAYA ZİNCİR RESMİ
TAKILACAK

Zimaş No.		ISO	BURAYA ZİNCİR RESMİ TAKILACAK															
			Harve Teillung Pitch	İç Genişlik Lichte Weite Width	Çatal İç Genişliği Aussenglied Innen Breite Outer Link Inner Width	Pim Ø	Bolzen Ø Pin Ø	Makara Ø Rollen Ø Roller Ø	Pim Boyu Bolzenlaenge Pin Length	Kilit Pim Boyu V-Glied Bolzenlaenge C-Link Pin Length	Bakla Genişliği Laschenhöhe Height of Plate Link	İç Bakla Kalınlığı Innenlasche Staerke Thickness of Inner Link	Dış Bakla Kalınlığı Aussenlasche Staerke Thickness of Outer Link	Çapraz Harve Quertheilung Transverse Pitch	Mafsal Yüzey Alanı Gelenkfläche Bearing Area	Kopma Yıkılı Bruchkraft Breaking Load	Zincir Ağırlığı Kettengewicht Weight Chain	
			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

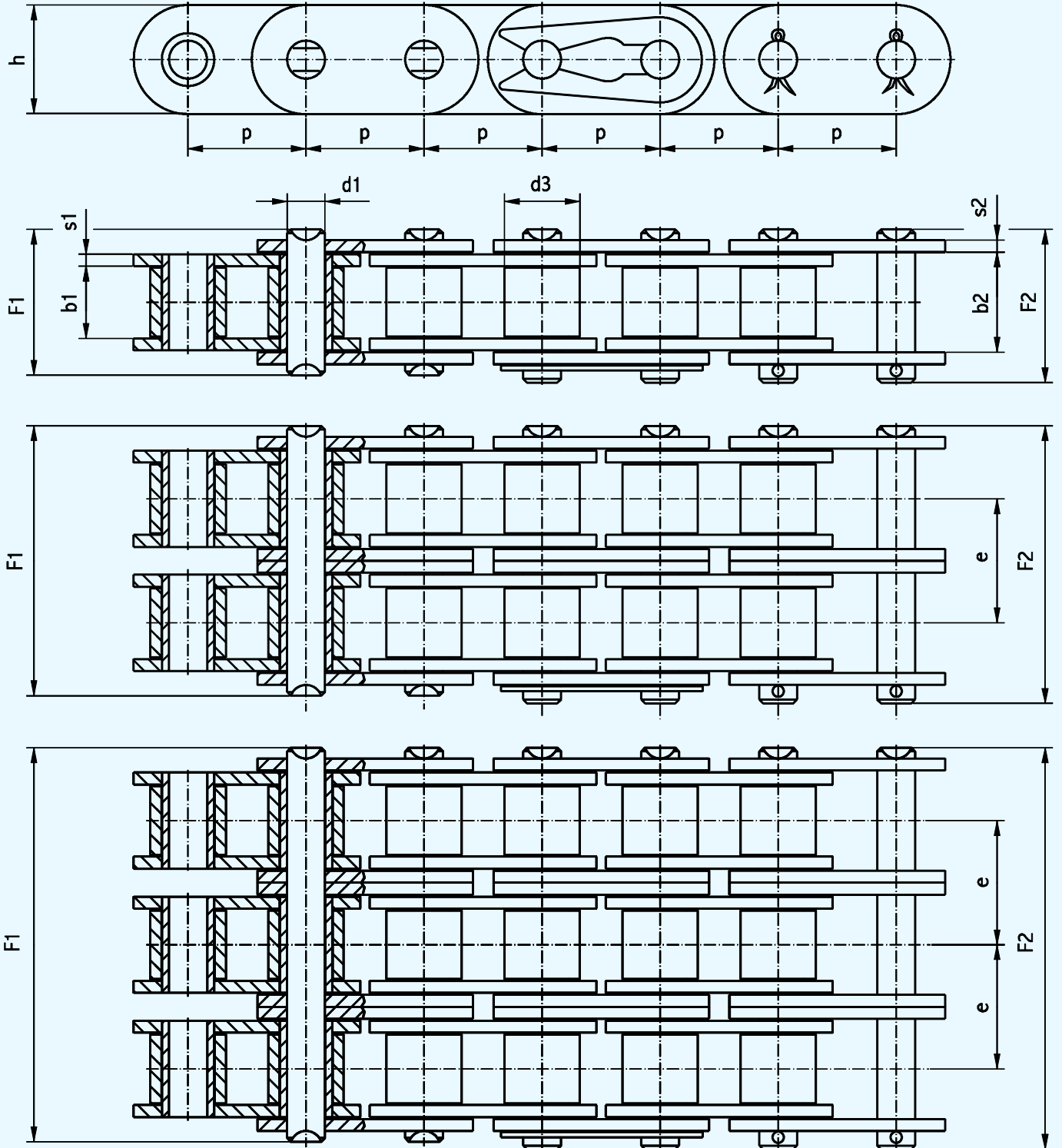
* V-Glieder Mit Versicherungsring

* With Segment Pin

** Kilitleri Gupilyalı Yapılanlar

** V-Glieder Mit Splint

** With Cottered Pin





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.	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

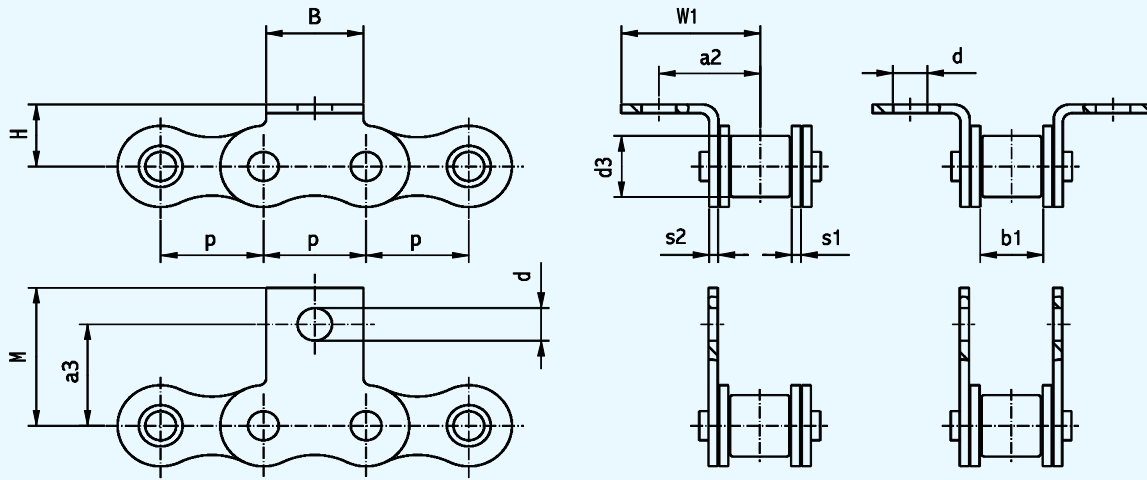
** With Cottered Pin



DAR KULAKLAR - BÜKÜLMÜŞ VEYA DİK
FORMLU

FORM :SCHMAL -GEWINKELT ODER
GESRECKT

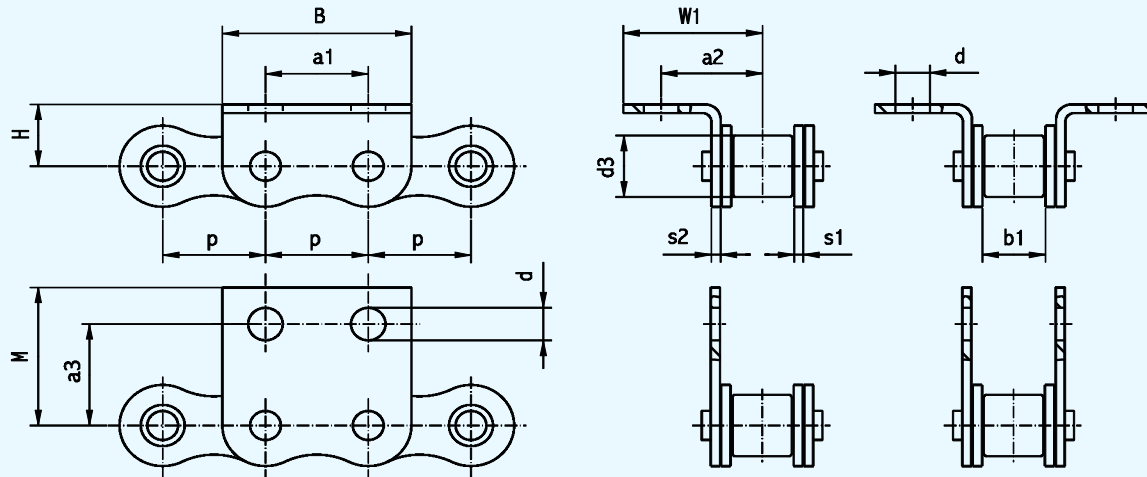
NARROW ATTACHMENT - BENT AND
VERTICAL TYPE



GENİŞ KULAKLAR - BÜKÜLMÜŞ VEYA DİK
FORMLU

FORM :BREIT -GEWINKELT ODER
GESRECKT

WIDE ATTACHMENT - BENT AND
VERTICAL TYPE





BURAYA ZİNCİR RESMİ
TAKILACAK

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

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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

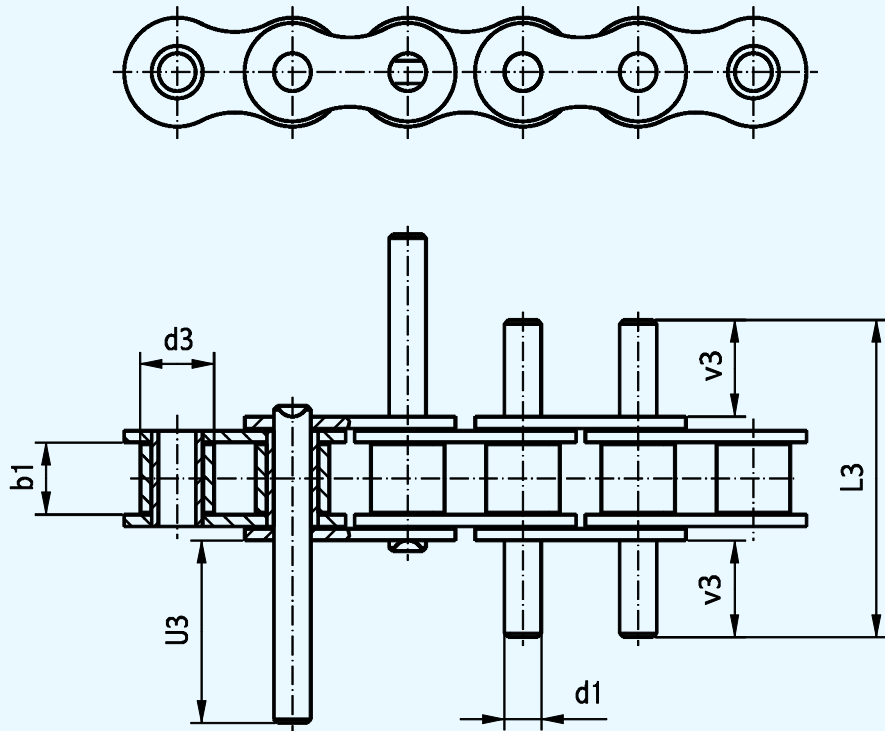
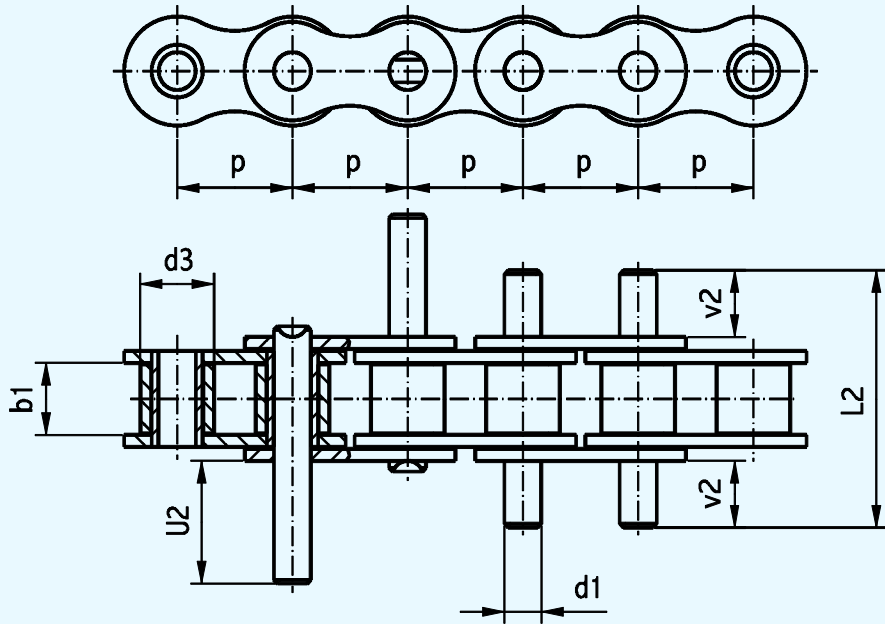
DIN 8188

DIN 8188

GENİŞ KULAKLAR - BÜKÜLMÜŞ VE DİK FORMLU

FORM :BREIT -GEWINKELT ODER GESRECKT

WIDE ATTACHMENT - BENT AND VERTICAL TYPE



PİM ÇIKINTILI MAKARALI ZİNCİR

DIN 8187 - 8188

ROLLENKETTEN MIT VERLAENGERTEN
BOLZEN

DIN 8187 - 8188

ROLLER CHAIN WITH EXTENDED PIN

DIN 8187 - 8188

BURAYA ZİNCİR RESMİ
TAKILACAK

Zimaş No.	ISO	<i>Have Teillung Pitch</i>	<i>Iç Genişlik Lichte Weite Width</i>	<i>Makara Ø Rollen Ø Roller Ø</i>	<i>Pim Ø Bolzen Ø Pin Ø</i>	<i>Çift Sıra Pim Boyu Zweifach Bolzenlaenge Simple Pin Length</i>	<i>Tek taraf çıkıntı boyu</i>						
		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

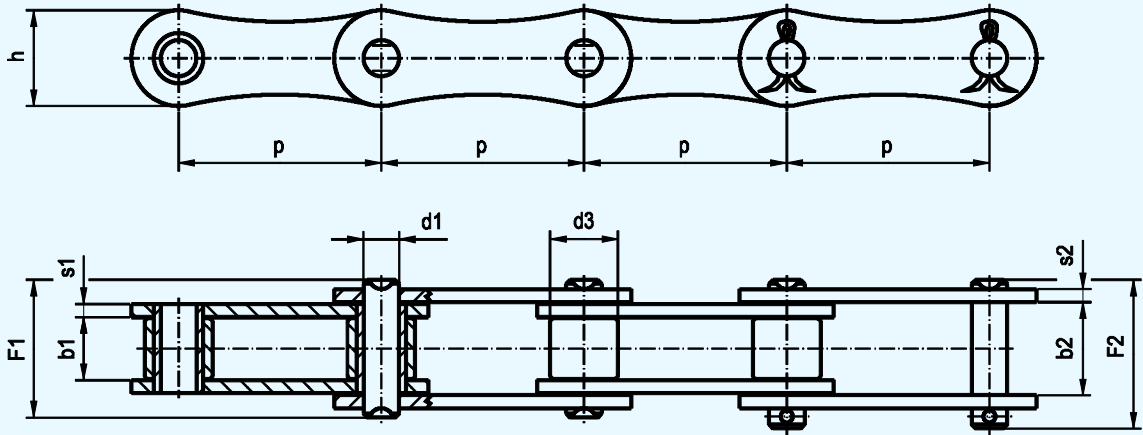
DIN 8188

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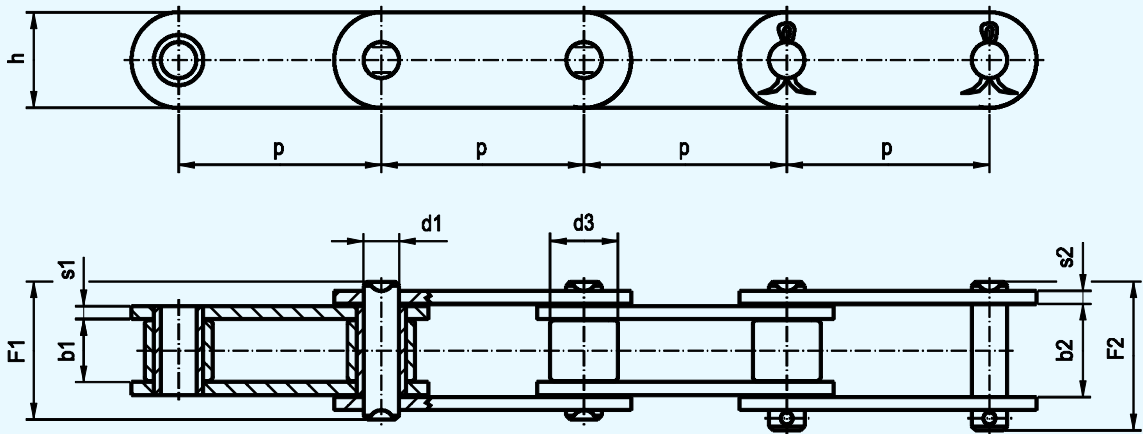
A	<i>Tanıtım Üretimlerimiz Fördeyer Zincir Oluşumu Bağlantı Elemanları</i>	<i>Vorwort Fertigung Aufbau einer Förderketten Verbindungsglieder</i>	<i>Introduction Production Conveyor Chain Design Connecting Links</i>
B	<i>Makaralı Zincirler - Kulaklılar - Pim Çıkıntılılar Uzun Baklılı Makaralı Zincirler</i>	<i>Rollenketten - Befestigungslaschen - Verlängerten Bolzen Langglieder Rollenketten</i>	<i>Roller Chains - Attachment Plates - Extended Pins Extended Pitch Roller Chains</i>
C	<i>U-Köprülü Zincirler Dıştan Makaralı Zincirler Pim Makaralı Zincirler</i>	<i>Rollenketten Mit U-Bügeln Stauförderketten Hohlbolzenketten</i>	<i>Roller Chains U-Profile Chains With Outboards Roller Hollow Pin Chains</i>
D	<i>Fleyer zincirler Sabit Burçlu Zincirler Gall zincirleri Api Zincirleri</i>	<i>Flyerketten Buchsenketten Gallketten Rotaryketten Nach Api</i>	<i>Leaf Chains Bush Chains Gall Chains Rotary Api Chains</i>
E	<i>Ziraat Zincirleri</i>	<i>Landmaschinen Rollenketten</i>	<i>Agriculturular Roller Chains</i>
F	<i>Fördeyer Zincirler - Kulaklar - Makaralar</i>	<i>Förderketten - Befestigungslaschen - Rollen</i>	<i>Conveyor Chains - Attachment Plates - Roller</i>
G	<i>Teknik Bilgiler Zincir Seçimi</i>	<i>Technischedaten Auswahl Der Ketten</i>	<i>Technical Information Selection of Chain</i>
H	<i>Özel Üretimlerimiz</i>	<i>Sonder Fertigung</i>	<i>Special Production</i>



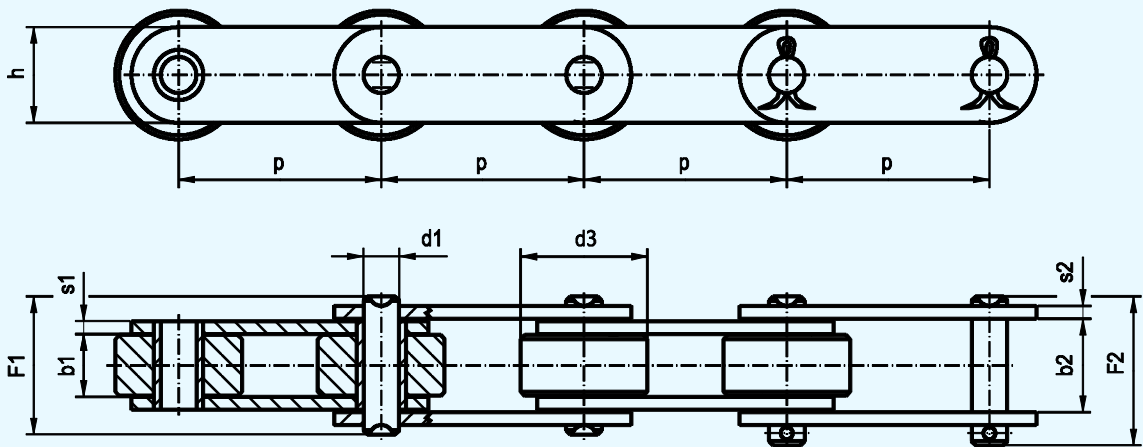
TİP - A



TİP - C



TİP - C2





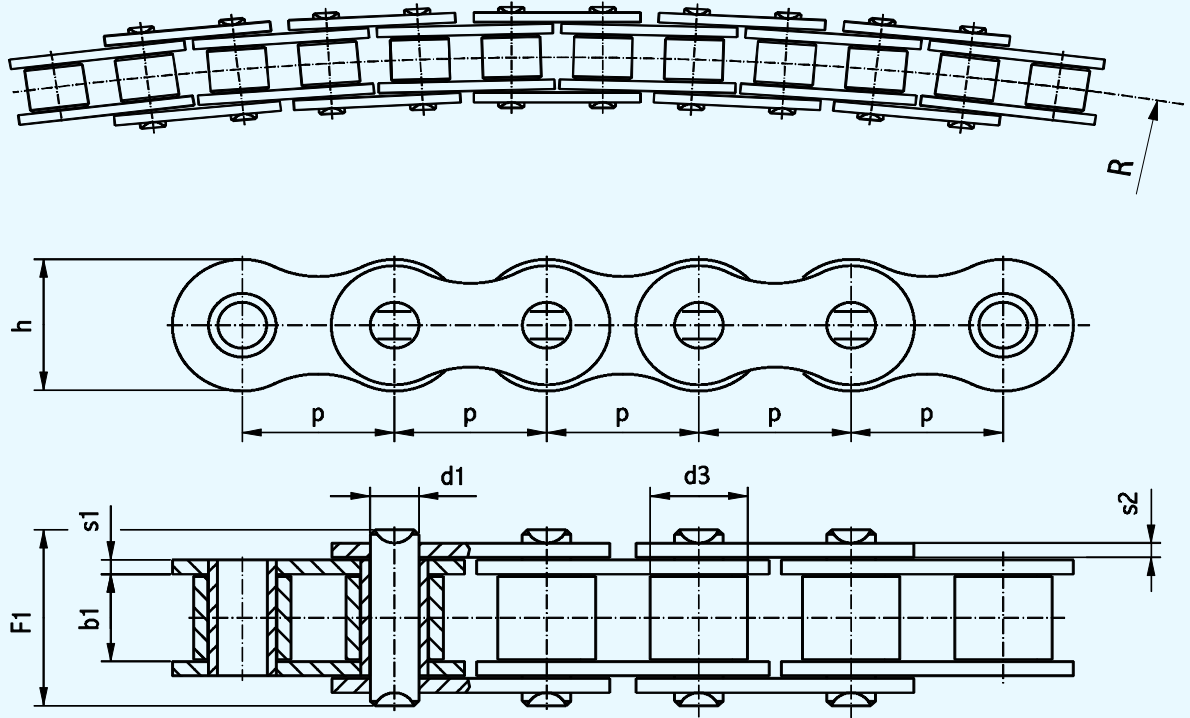
BURAYA ZİNCİR RESMİ
TAKILACAK

Zımaş No.	ISO	<i>Hafta Teilung Pitch</i> p mm.	<i>İç Genişlik Lichte Weite Width</i> b ₁ mm.	<i>Çatal İç Genişliği Aussenglied Innen Breite Outer Link Inner Width</i> b ₂ mm.	<i>Pim Ø Bolzen Ø Pin Ø</i> d ₁ mm.	<i>Makara Ø Rollen Ø Roller Ø</i> d ₃ mm.	<i>Pim Boyu Bolzenlänge Pin Length</i> F ₁ mm.	<i>Kilit Pim Boyu V-Glied Bolzenlänge C-Link Pin Length</i> F ₂ mm.	<i>Bakla Genişliği Laschenhöhe Height of Plate Link</i> h mm.	<i>İç Bakla Kalınlığı Innenglied Staerke Thickness of Inner Link</i> s ₁ mm.	<i>Dış Bakla Kalınlığı Aussenglied Staerke Thickness of Outer Link</i> s ₂ mm.	<i>Kopma Yüklü Bruchkraft Breaking Load</i> FB N	<i>Zincir Ağırlığı Kettengewicht Weight Chain</i> q kg/m	TiP	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



BURAYA ZİNCİR RESMİ
TAKILACAK

			<i>Hafta</i>	<i>Teilung</i>	<i>Pitch</i>	<i>İç Genişlik</i>	<i>Lichte Weite</i>	<i>Width</i>	<i>Pın Ø</i>	<i>Bozlen Ø</i>	<i>Pın Ø</i>	<i>Makara Ø</i>	<i>Rollen Ø</i>	<i>Roller Ø</i>	<i>Pın Boyu</i>	<i>Bozlenlen</i>	<i>Pın Length</i>	<i>Bakla Geni</i>	<i>Laschenhö</i>	<i>Height of f</i>	<i>İç Bakla K</i>	<i>Innenlasche</i>	<i>Thickness</i>	<i>Dış Bakla</i>	<i>Außenlas</i>	<i>Thickness</i>	<i>Çapraz Ha</i>	<i>Queritulum</i>	<i>Transverse P</i>	<i>Kopma Yü</i>	<i>Bruchkraft</i>	<i>Breaking f</i>	<i>Zincir Ağır</i>	<i>Kettengew</i>	<i>Weight Ch</i>
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	15,00	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 üretimlerimiz.

* Unsere geformten Laschen Produktion

** Düz formlu bakla olarak üretimlerimiz.

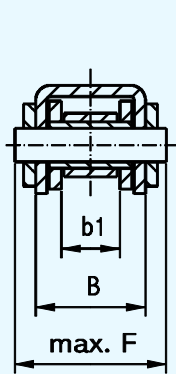
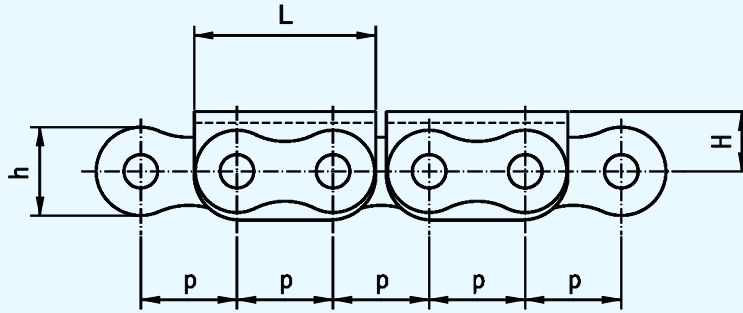
** Unsere gerade geformten Laschen Produktion



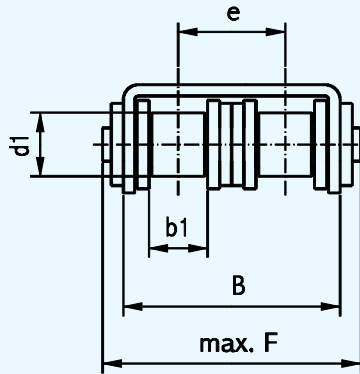
BURAYA ZİNCİR RESMİ
TAKILACAK

Zımaş No.	DIN ISO	p mm.	b ₁ mm.	d ₁ mm.	h mm.	H mm.	B mm.	L mm.	e mm.	F mm.	Tip
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	

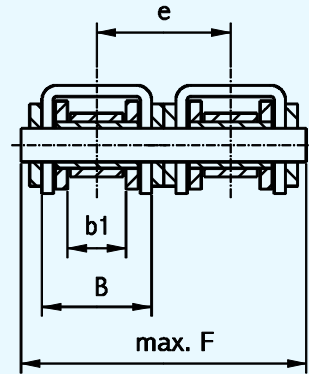
Uk-02-01-19,05-1	12 A1	19,05	12,70	11,91	16,00	13,00	22,40	35,00	-	30,60	1
Uk-02-02-25,40-1	16 A1	25,40	15,88	15,88	24,00	16,00	27,20	49,00	-	36,50	1
Uk-02-03-25,40-2	16 A2	25,40	15,88	15,88	24,00	16,00	27,20	49,00	29,29	70,60	3
DIN 8188		DIN 8188								DIN 8188	



Tip - 1



Tip - 2



Tip - 3

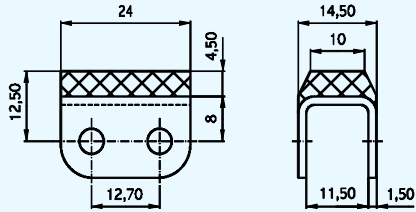
	DIN	ISO	Sayfa
Makaralı U-Köprülü Zincirler (Norm Harici)	-	-	C - 1.2
Lastik Kaplamalı U-Köprülü Zincirler (Norm Harici)	-	-	C - 2.1
Lastik Kaplamalı U-Köprülü Zincirler (Norm Harici)	-	-	C - 2.2
Lastik Kaplamalı U-Köprülü Zincirler (Norm Harici)	-	-	C - 3.1
Dıştan Makaralı Zincirler	-	-	C - 3.2
Dıştan 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

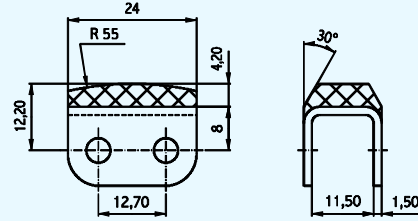
	DIN	ISO	Page
Roller Chains With U-Profile (to Works' standard)	-	-	C - 1.2
Roller Chains With Rubber Profile (to Works' standard)	-	-	C - 2.1
Roller Chains With Rubber Profile (to Works' standard)	-	-	C - 2.2
Roller Chains With Rubber Profile (to Works' standard)	-	-	C - 3.1
Chains With Outboards Rollers	-	-	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



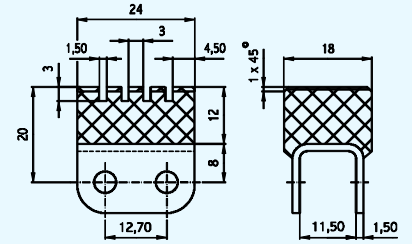
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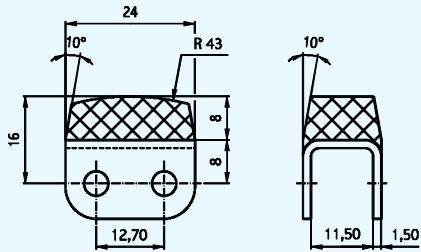
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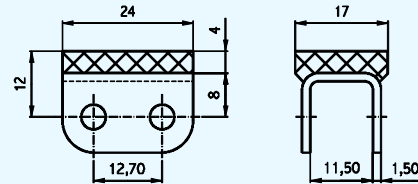
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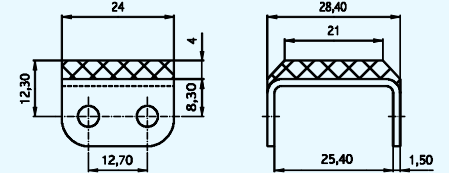
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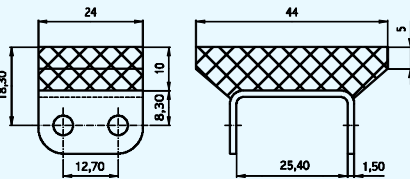
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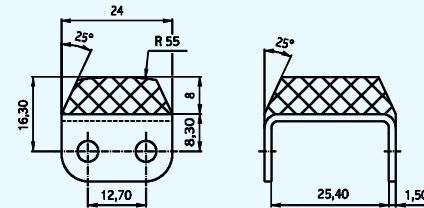
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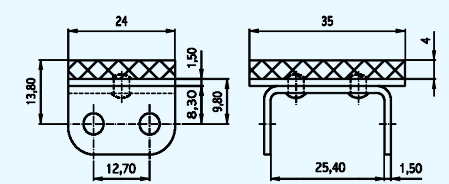
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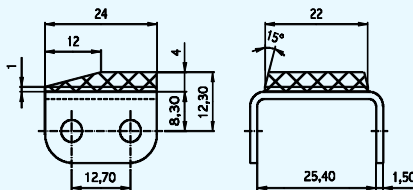
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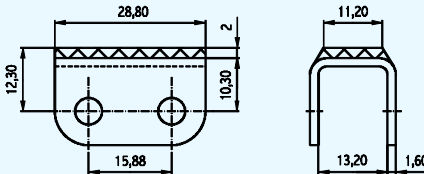
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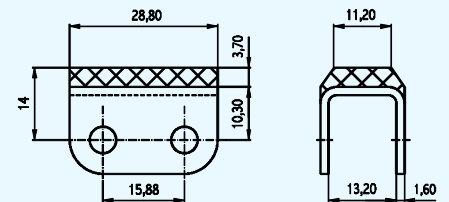
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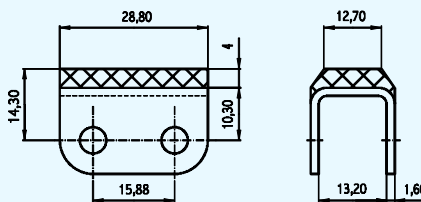
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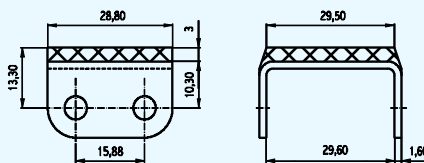
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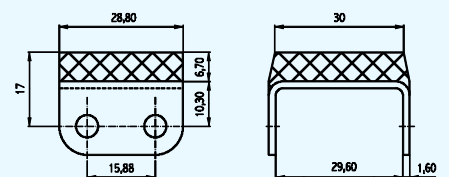
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* 10 B2 - LK 1

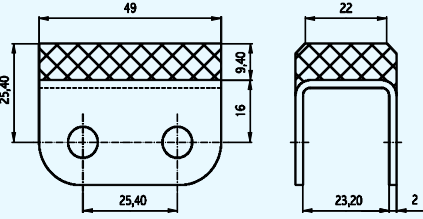


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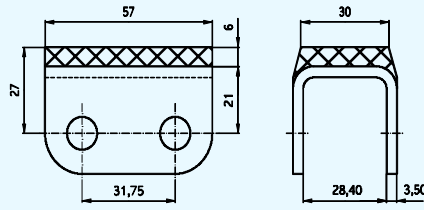




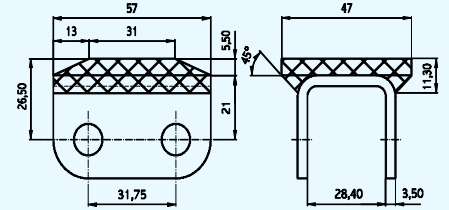
16 A1 - LK 2



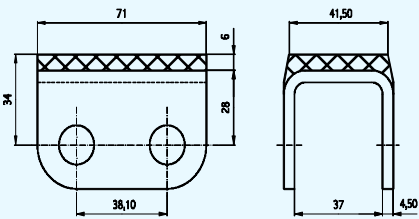
20 B1 - LK 1



20 B1 - LK 2

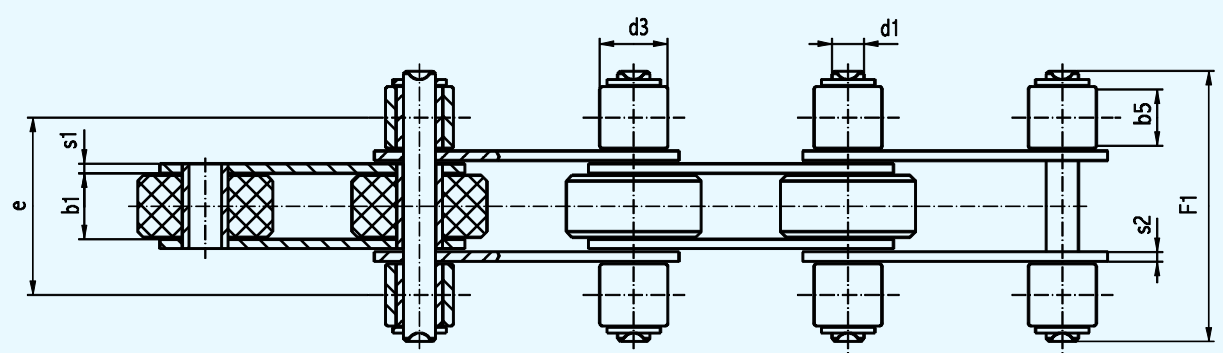
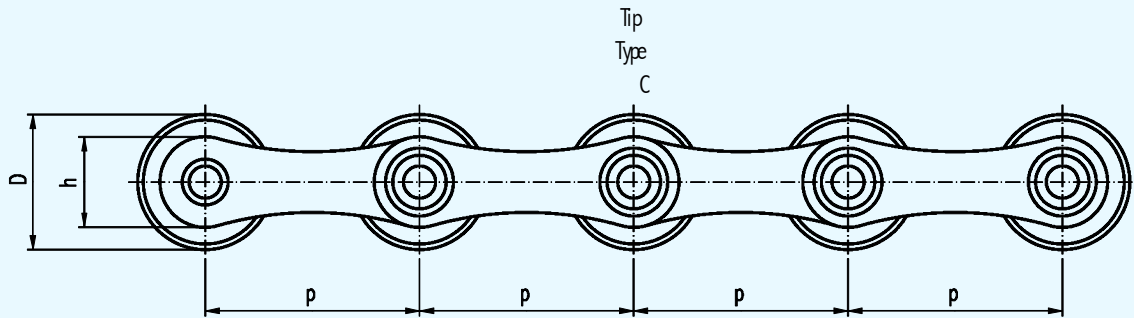
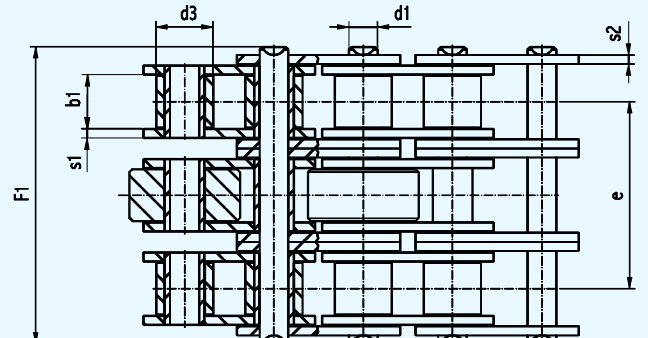
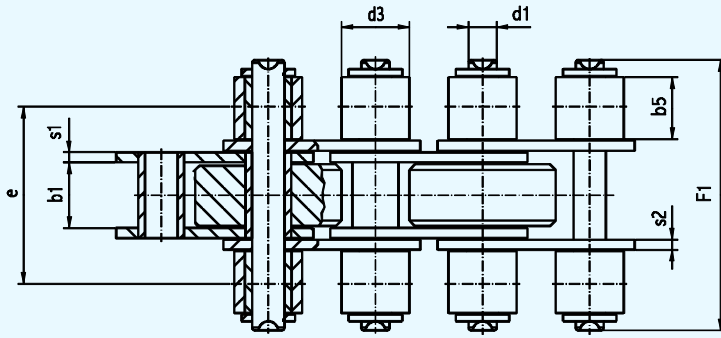
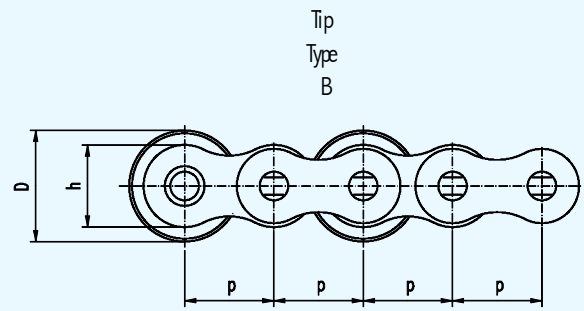
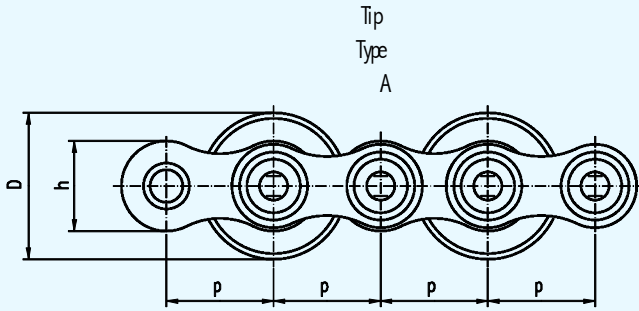


24 B1 - LK 1



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

KAUÇUK MALZEMESİ GUMMI MATERIAL RUBBER MATERIAL	TABİİ KAUÇUK NATURKAUTSCHUK NATUR RUBBER NR	STİREN BUTADİEN STYROLBUTADIEN STYRENE BUTADIENE SBR	NEOPREN KAUÇUK NEOPRENKAUTSCHUK NEOPREN RUBBER CR	NİTRİL KAUÇUK NITRILKAUTSCHUK NITRIL RUBBER NBR
Sertlik (min. - max.) Härte (min. - max.) Hardness (min. - max.)	50 - 70 SHORE	45 - 75 SHORE	50 - 75 SHORE	50 - 75 SHORE
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 Schmierungswiderstand Grease resistance	*	*	**	****
Yırtılma direnci Rissfestigkeit Pull resistance	****	****	***	**





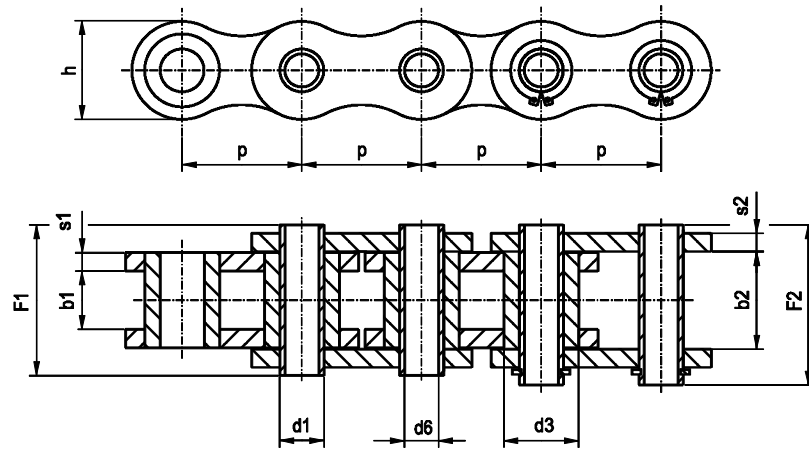
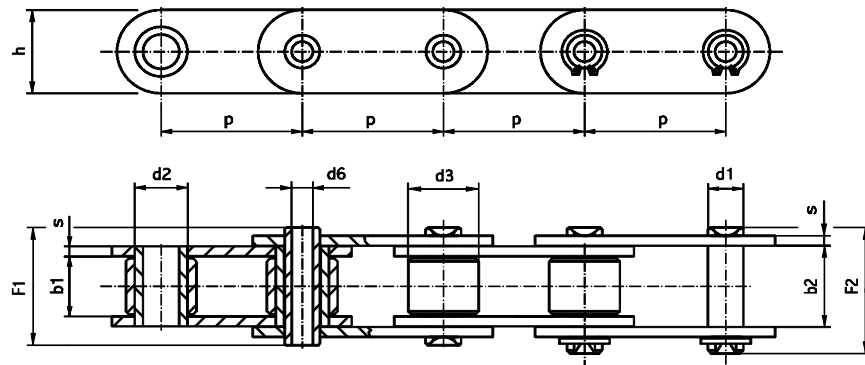
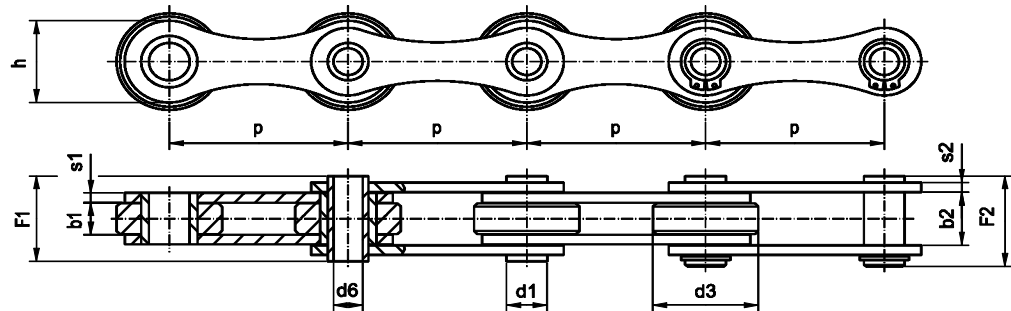
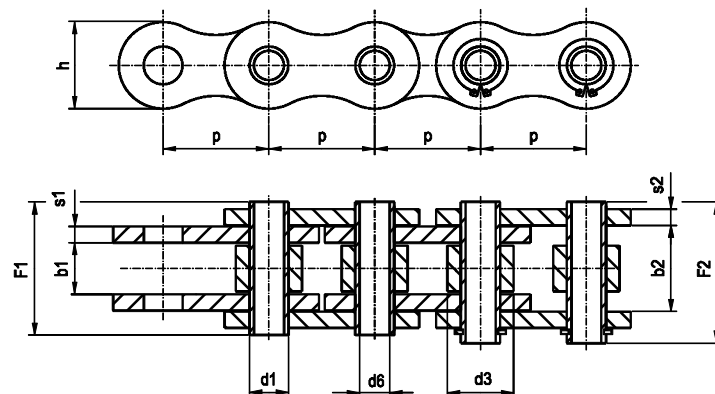
BURAYA ZİNCİR RESMİ
TAKILACAK

Zimaş No.	ISO	<i>Harve Teilung Pitch</i> p mm.	<i>İç Genişlik Lichte Weite Width</i> b ₁ mm.	<i>Pim Ø Bolzen Ø Pin Ø</i> d ₁ mm.	<i>Makara Ø Rollen Ø Roller Ø</i> d ₃ mm.	<i>Pim Boyu Bolzenlänge Pin Length</i> F ₁ mm.	<i>Bakla Genişliği Laschenhöhe Height of Plate Link</i> h mm.	<i>İç Bakla Kalınlığı Innenglied Staerke Thickness of Inner Link</i> s ₁ mm.	<i>Dış Bakla Kalınlığı Aussenglied Staerke Thickness of Outer Link</i> s ₂ mm.	<i>Çapraz Harve Quertheilung Traverse Pitch</i> e mm.	<i>Makara Ø Rollen Ø Roller Ø</i> D mm.	<i>Makara boyu Rollenlänge Roller Length</i> b ₅ mm.	<i>Kopma Yıkılma Bruchkraft Breaking Load</i> 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 Malzemeden
Yapılabilmektedir.

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

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

Tip
1Tip
2Tip
3Tip
4



ZİMAŞ A.Ş. 1976 yılında, Türk Sanayisinin ihtiyacı olan, tahrik, konveyör ve taşıyıcı zincirler üretmek üzere kurulmuştur. Kuruluşumuz standart zincirlerin üretimi yanı sıra özel zincir üretimi de yapmaktadır. Çeşitli sektörlerde kullanılan ve şimdiye kadar ürettiğimiz özel zincirlerin sayısı 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 teknolojilerini 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 **ZİMAŞ 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.

ZİMAŞ 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 entsprechen Internationalen Standard. 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.

ZİMAŞ 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, **ZİMAŞ 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.



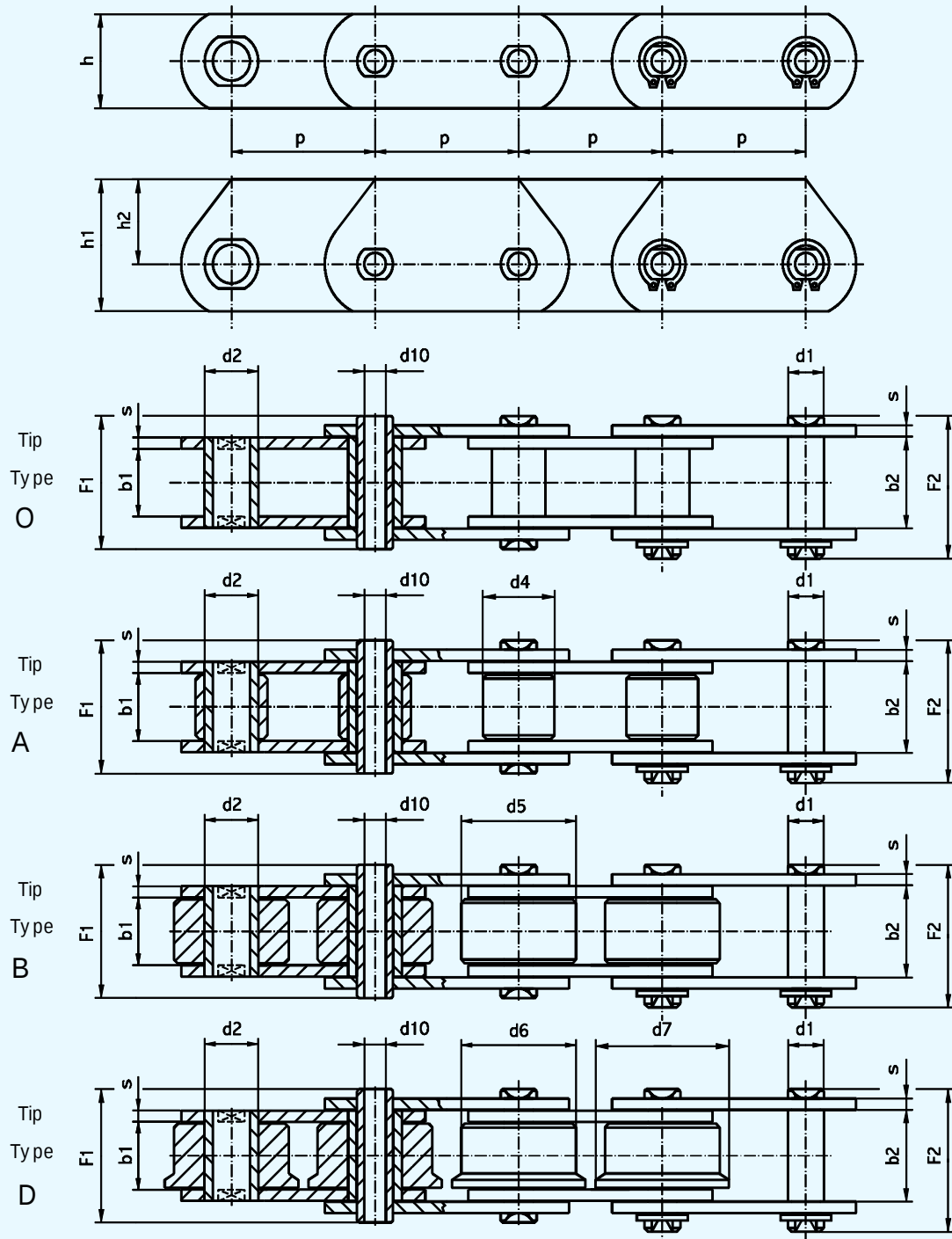
ZİMAŞ A.Ş.





BURAYA ZİNCİR RESMİ
TAKILACAK

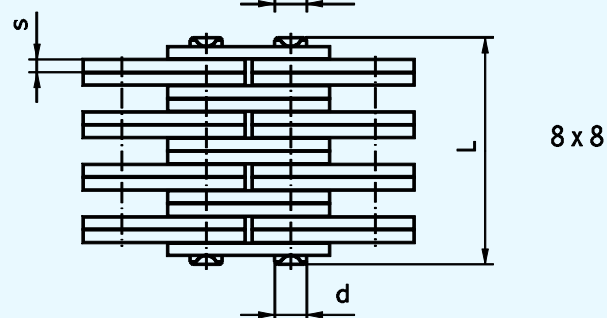
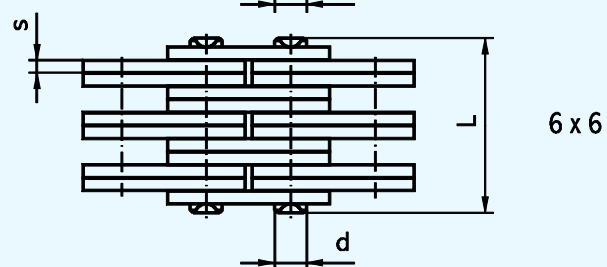
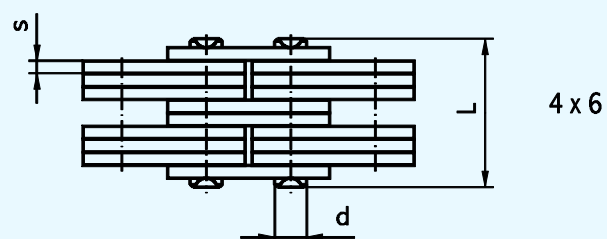
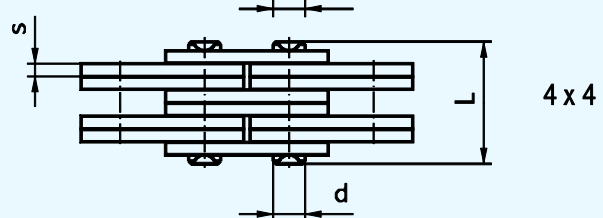
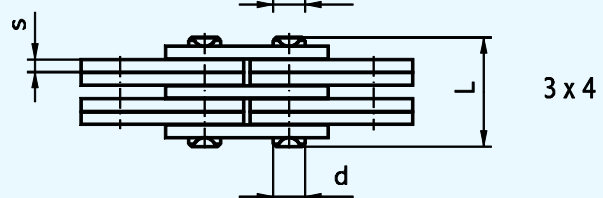
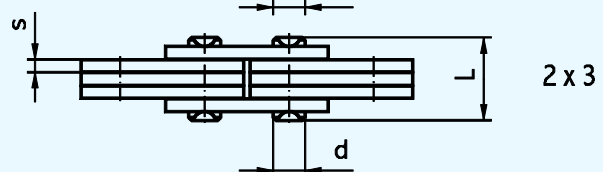
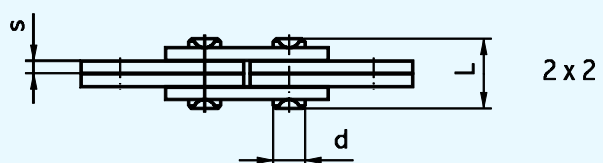
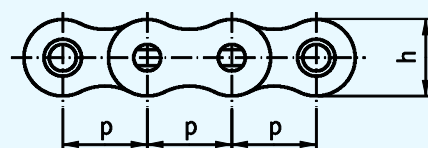
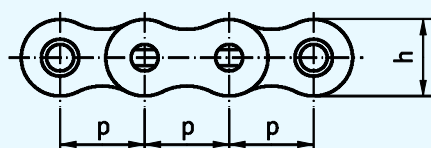
Zimaş No.	ISO	<i>Haube Teillung Pitch</i> p mm.	<i>İç Genişlik Lichte Weite Width</i> b ₁ mm.	<i>Çatal İç Genişliği Aussenglied Innen Breite Outer Link Inner Width</i> b ₂ mm.	<i>Pim Makara Ø Hohlbolzen Ø Hollow Pin Ø</i> d ₁ mm.	<i>Makara Ø Rollen Ø Roller Ø</i> d ₃ mm.	<i>Pim Makara İç Ø Hohlbolzen Innen Ø Hollow Pin Inner Ø</i> d ₆ mm.	<i>Pim Makara Boyu Hohlbolzenlänge Hollow Pin Length</i> F ₁ mm.	<i>Kilit Pim Makara Boyu V-Glied Hohlbolzenlänge C-Link Hollow Pin Length</i> F ₂ mm.	<i>Bakla Genişliği Laschenhöhe Height of Plate Link</i> h mm.	<i>İç Bakla Kalınlığı Innenglied Stærke Thickness of Inner Link</i> s ₁ mm.	<i>Dış Bakla Kalınlığı Aussenglied Stærke Thickness of Outer Link</i> s ₂ mm.	Tip	<i>Kopma Yüklü Bruchkraft Breaking Load</i> F _B N	<i>Zincir Ağırlığı Kettengewicht Weight Chain</i> 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
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
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
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
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





BURAYA ZİNCİR RESMİ
TAKILACAK

BURAYA ZİNCİR RESMİ TAKILACAK																
ZİMAŞ No.	ISO	p mm.	b ₁ mm.	b ₂ mm.	d ₁ mm.	d ₂ mm.	d ₃ mm.	d ₄ mm.	d ₅ /d ₆ mm.	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														





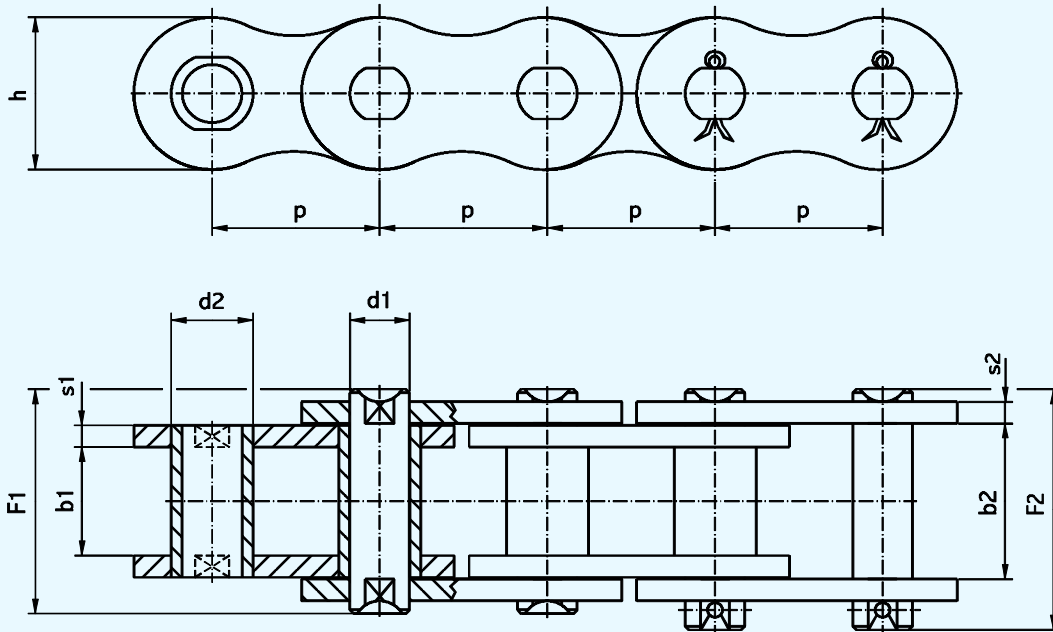
BURAYA ZİNCİR RESMİ
TAKILACAK

Zimaş No.	DIN	ANSI No.	p mm.		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



BURAYA ZİNCİR RESMİ
TAKILACAK

Zımaş No.	Hatve Teilung Pitch p mm.	İç Genişlik Lichte Weite Width b ₁ mm.	Çatal İç Genişliği Aussenglied Innen Breite Outer Link Inner Width b ₂ mm.	Pim Ø Bolzen Ø Pin Ø d ₁ mm.	Burç Ø Buchse Ø Bush Ø d ₂ mm.	Pim Boyu Bolzenlänge Pin Length F ₁ mm.	V-Glied Bolzenlänge C-Link Pin Length F ₂ mm.	Bakla Genişliği Laschenhöhe Height of Plate Link h mm.	İç Bakla Kalınlığı Innenlaschen Staerke Thickness of Inner Link s ₁ mm.	Dış Bakla Kalınlığı Aussenlaschen Staerke Thickness of Outer Link s ₂ mm.	Mafsal Yüzey Alanı Gelenkfläche Bearing Area f cm. ²	Kopma Yüklü Bruchkraft Breaking Load F _B N	Zincir Ağırlığı Kettengewicht Weight Chain 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





SERİ ÜRETİMLERİMİZ

SERIEN FERTIGUNG

SERIAL PRODUCTION

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

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

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

- Rollenketten nach DIN 8188
- PIV Varyotörketten
- Fleyerketten

- Bicyclet and motorcyclist chains
- Car eccentric chains
- Agricultural chains
- DIN 8187 Roller chains

- DIN 8188 Roller chains
- PIV chains
- Leaf chains

ÖZEL ÜRETİMLERİMİZ

SONDER FERTIGUNG

SPECIAL PRODUCTION

- Konserve fabrikaları
- Çimento fabrikaları
- Şeker fabrikaları
- Demir - Çelik üreten fabrikalara

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

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

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

- Arbeitsmaschinen
- Baumverarbeitungs fabrikaları
- Nudelproduktions fabrikaları
- Getränke industrie

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

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

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

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

DIN NORMUNA GÖRE ÜRETİMLERİMİZ

KETTEN PRODUKTION NACH DIN NORM

THE DEFINE OF CHAINS TO DIN NORM

- 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 Yana yayılan zincirler
- DIN 8187 Paslanmaz zincirler
- DIN 8187 Dişan makaralı zincirler
- DIN 8187 Lastik kaplamalı zincirler
- DIN 8181 Uzun baklalı zincirler
- DIN 8152 Fleyer zincirler
- Mentese tipi zincirler
- PIV Varyatör zincirleri

- 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 baklalı zincirler

- 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 Seitenbogenketten
- DIN 8187 Rostfrei Rollenketten
- DIN 8187 Stauförderketten
- DIN 8187 Rollenketten mit gummiprofil
- DIN 8181 Langglied Rollenketten
- DIN 8152 Fleyerketten
- Schmierbandketten
- PIV Varyotörketten

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

- 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

- 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

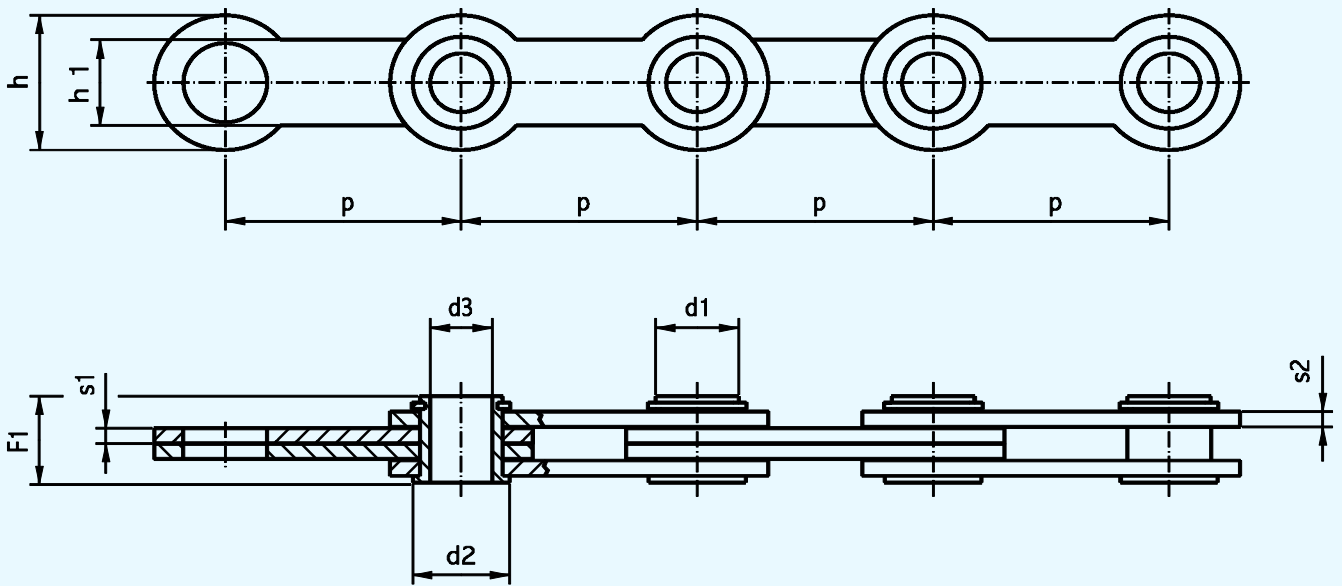
- DIN 8164 Bush chains
- DIN 8182 Rotary chains
- DIN 8150 Galle chains
- DIN 8165 Conveyor chains
- DIN 8167 Conveyor chains
- DIN 8165 Scraper chains
- DIN 8165 Attachment conveyor chains
- DIN 8165 Deep link chains





BURAYA ZİNCİR RESMİ
TAKILACAK

Zımaş No.	Hatve Teilung Pitch p mm.	Bakla Genişliği Laschenhöhe Height of Plate Link h mm.	Bakla Genişliği Laschenmittenhöhe Height of Link h ₁ mm.	Burç Dış Ø Buchse Aussen Ø Pin Outer Ø d ₁ mm.	Burç Dış Ø Buchse Aussen Ø Pin Outer Ø d ₂ mm.	Burç İç Ø Buchse InnenØ Bush Inner Ø d ₃ mm.	Burç Boyu Buchselänge Bush Length F ₁ mm.	İç Bakla Kalınlığı Innenlaschen Stärke Thickness of Inner Link s ₁ mm.	Dış Bakla Kalınlığı Aussenlaschen Stärke Thickness of Outer Link s ₂ mm.	Mafsal Yüzey Alanı Gelenkfläche Bearing Area f cm. ²	Kopma Yüklü Bruchkraft Breaking Load F _B N	Zincir Ağırlığı Kettengewicht Weight Chain 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





BURAYA ZİNCİR RESMİ
TAKILACAK

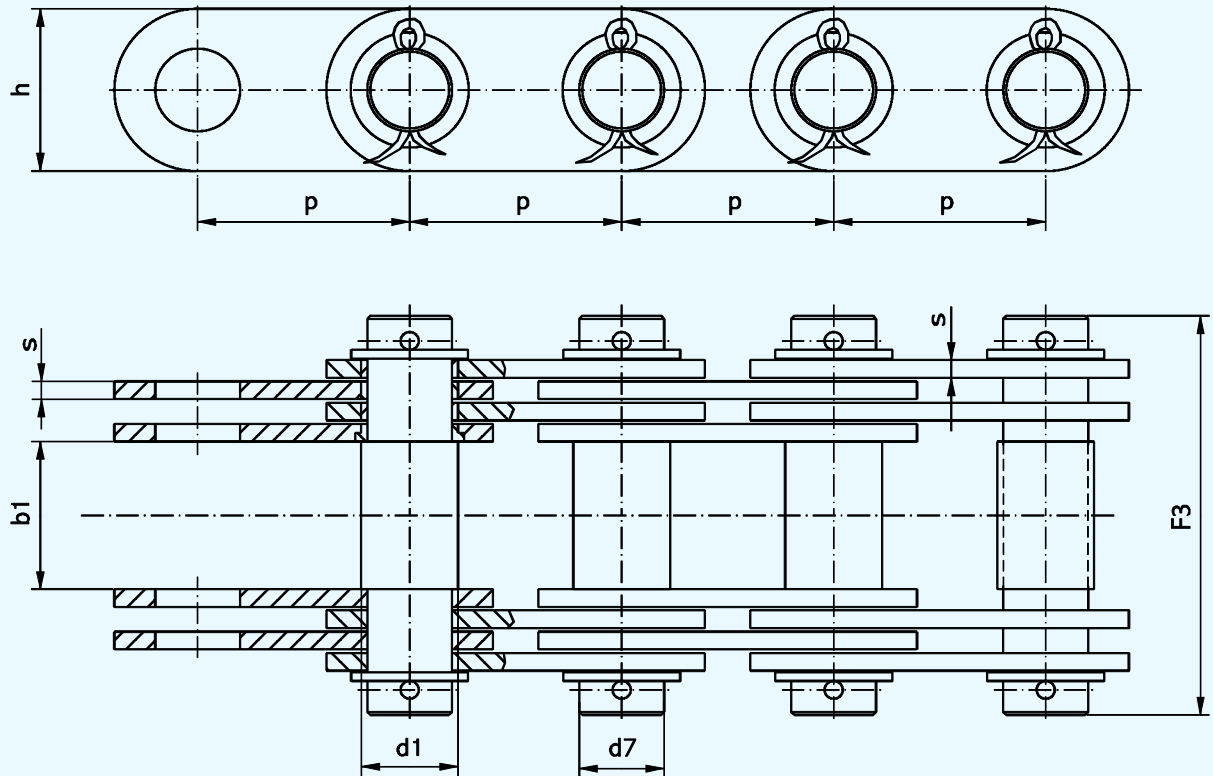
Zimaş No.	ISO	p mm.	b ₁ mm.	d ₁ mm.	d ₇ mm.	F ₃ mm. max.	h mm.	s mm.	Güçlüyü DIN 94 Split - Pin DIN 94	f cm ²	F _B N max.	q kg/m
Gz-02-01-30		30	20	11	9	60	20	3	2,50 x 16	1,1	30000	4
Gz-02-02-50		50	25	14	12	71	30	3	3 x 20	1,5	60000	6
Gz-02-03-60		60	35	22	20	103	40	5	5 x 32	4,0	190000	14
Gz-02-04-70		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	80	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

DIN 8157

DIN 8157

DIN 8157

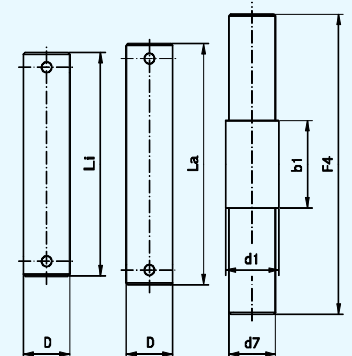
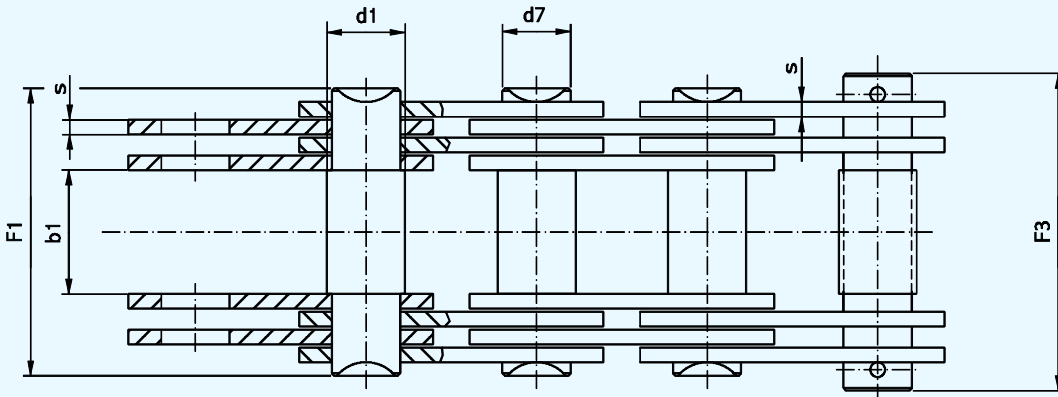
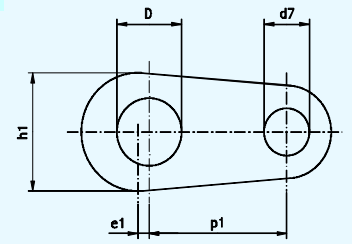
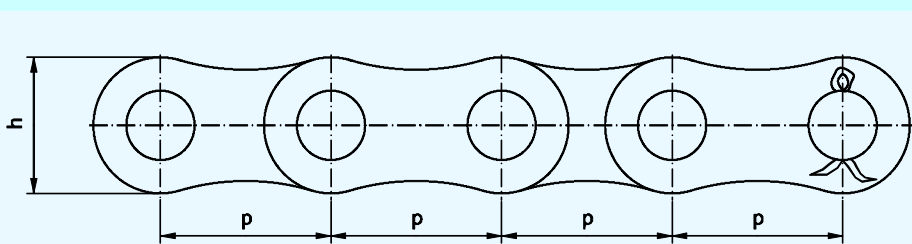
Zimaş No.	ISO	p mm.	b ₁ mm.	d ₁ mm.	d ₇ mm.	F ₃ mm. max.	h mm.	s mm.		f cm ²	F _B N max.	q kg/m
Gz-03-01-70		70	45	28	25	143	60	8	6 x 40	8	380000	35
Gz-03-02-90		90	60	36	32	183	70	10	8 x 50	13	600000	50
Gz-03-03-110		110	70	45	40	211	90	12	8 x 56	19	960000	75
Gz-03-04-120		120	80	50	45	248	90	15	10 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





BURAYA ZİNCİR RESMİ
TAKILACAK

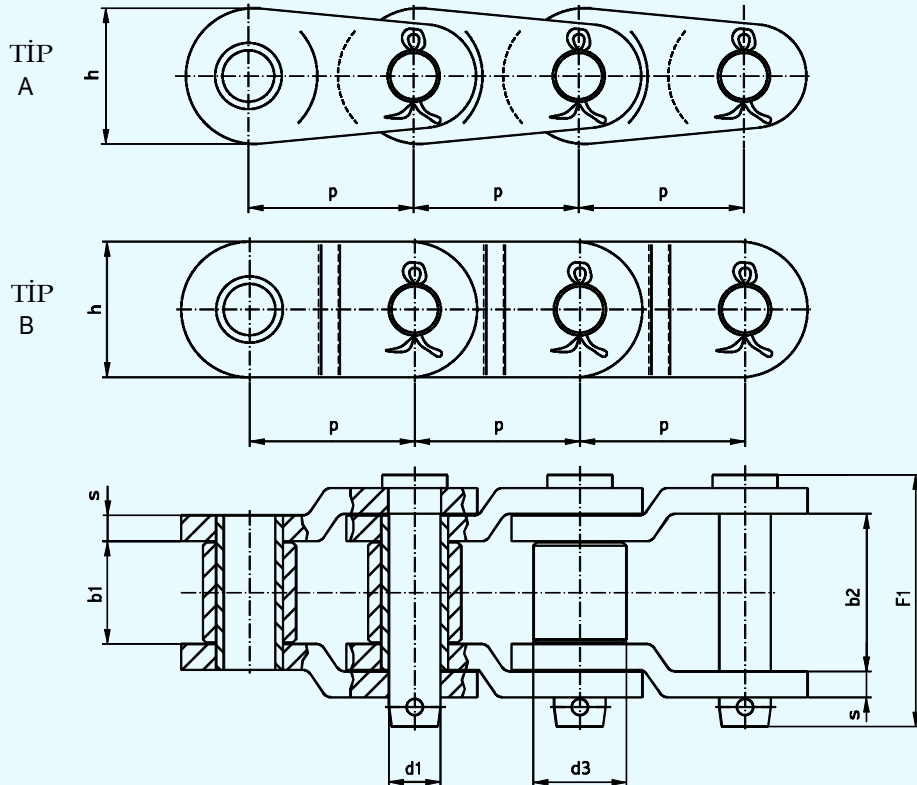
ZİMAŞ No.	ISO	p mm.	p ₁ mm.	b ₁ mm.	d ₁ mm.	d ₇ mm.	D mm.	e ₁ mm.	F ₁ mm. max.	F ₃ mm. max.	F ₄ mm. max.	h mm. max.	h ₁ mm.	La mm. max.	Li mm. max.	s mm.	X	f cm. ²	F _B N min.
Gz-01-01-6	**	6	-	4	3,00	2,30	-	-	11	12	-	5	-	-	-	1,00	2	0,05	1250
Gz-01-02-8	**	8	15	6	3,50	2,50	6	-	13	16	-	7	16	17	17	1,00	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





BURAYA ZİNCİR RESMİ
TAKILACAK

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	10,00	B
Ap-01-11-78,10	78,10	38,10	56,10	16,00	31,75	83,60	40,00	8,00	320000	11,60	B
Ap-01-12-78,10	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



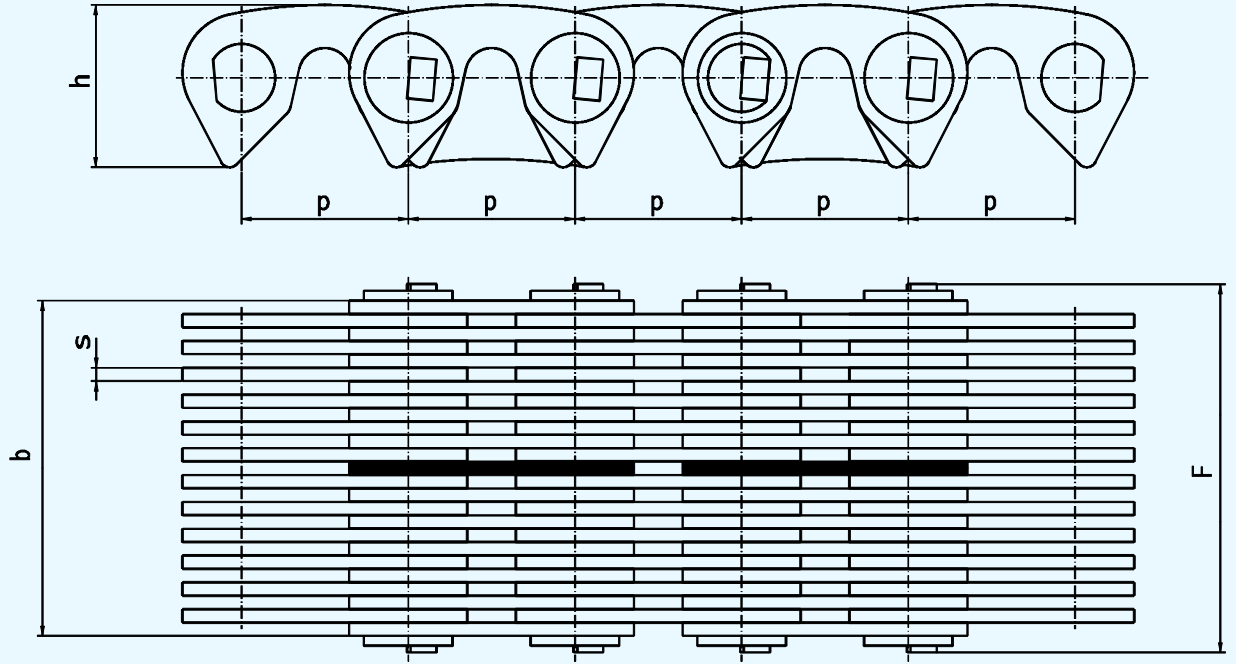


BURAYA ZİNCİR RESMİ
TAKILACAK

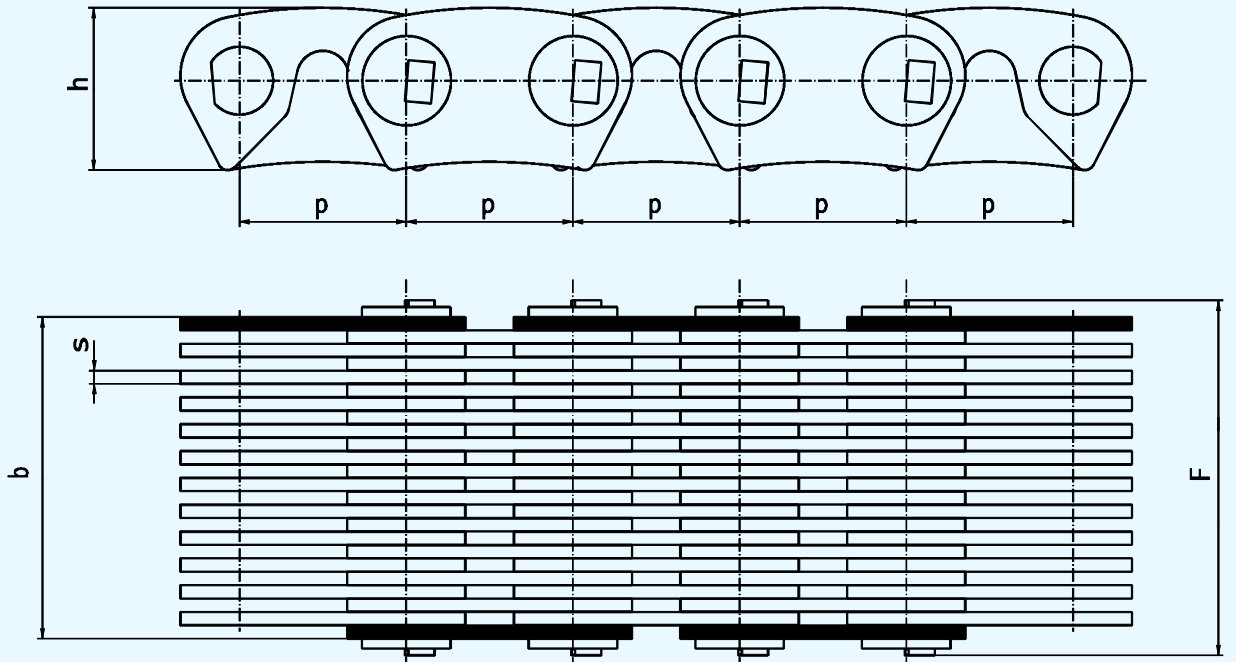
Zımaş No.	p mm.	b ₁ mm.	b ₂ mm.	d ₁ mm.	d ₃ mm.	F ₁ mm.	h mm.	s mm.	FB N	q kg/m	TİP
Ap-02-01-44,45	44,45	25,40	37,50	12,70	25,40	58,00	42,00	5,50	172400	7,70	A
Ap-02-02-50,80	50,80	30,50	44,50	14,28	28,58	68,00	42,00	6,50	160200	9,50	B
Ap-02-03-50,80	50,80	30,50	44,50	14,28	28,58	68,00	48,00	6,50	222500	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)



BURAYA ZİNCİR RESMİ
TAKILACAK*Have*
Teillung
*Pitch**Çalışma Genişliği*
Arbeitsbreite
*Working Width**Pim Boyu*
Bolzenlänge
*Pin Length**Bakla Genişliği*
Laschenhöhe
*Height of Plate Link**Bakla Kalınlığı*
Laschen Dicke
*Thickness of Link**Dizim sayısı*
Reihenahl
*Number Series**Kopma Yüklü*
Bruchkraft
*Breaking Load**Zincir Ağırlığı*
Kettengewicht
Weight Chain

Zimaş No.	ISO	p mm.	b mm.	F mm.	h mm.	s mm.		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 Versicheuringsring

* With Segment Pin

** Pimler kamalı olarak üretilmektedir.

** V-Glieder Mit Splint

** With Cotted Pin



Tanımlama

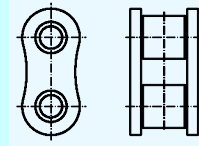
Bezeichnung

Description

Blok

Innenglied

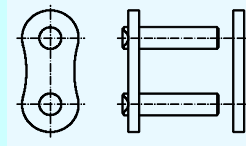
inner link



Çatal

Außenglied

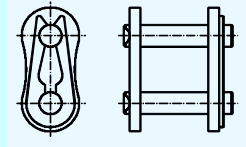
Outer Link



Segmanlı kilit

Verbindungsglied mit feder

Connecting link with spring clip

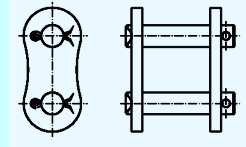


İlerleme yönü
Laufrichtung
Travel

Gupilyalı kilit

Verbindungsglied mit splint

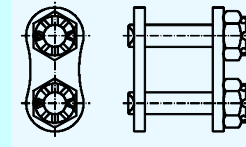
Connecting link with split-pins



Somunlu kilit

Verbindungsglied mit kronenmutter

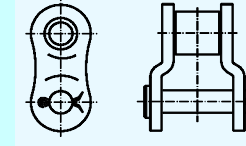
Connecting link with castellated nut and split-pins



Gupilyalı yarımek kilit

Gekröpftes glied mit splintverschuß

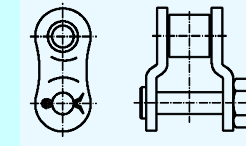
Cranked link with split-pin



Somunlu yarımek kilit

Gekröpftes glied mit schraubverschuß

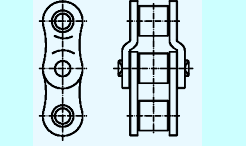
Cranked link with castellated nut and split-pin



Bloklu yarımek

Gekröpftes doppelglied

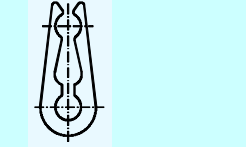
Cranked double link



Segman

Feder

Spring clip

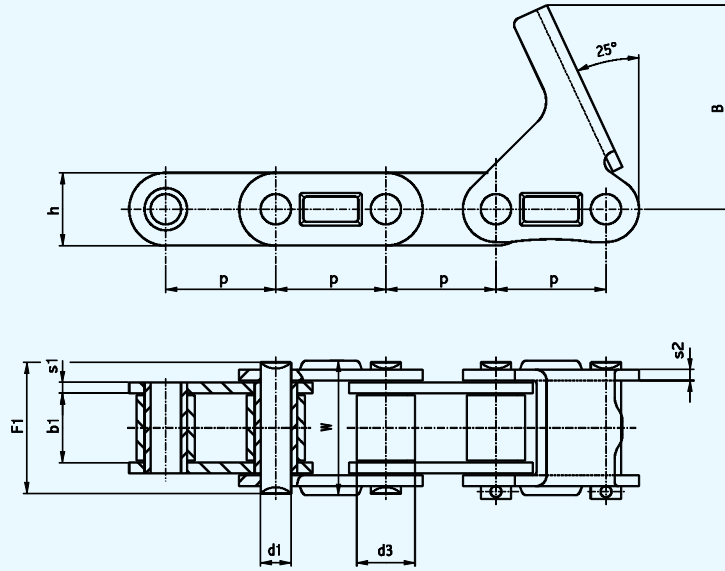


İlerleme yönü
Laufrichtung
Travel

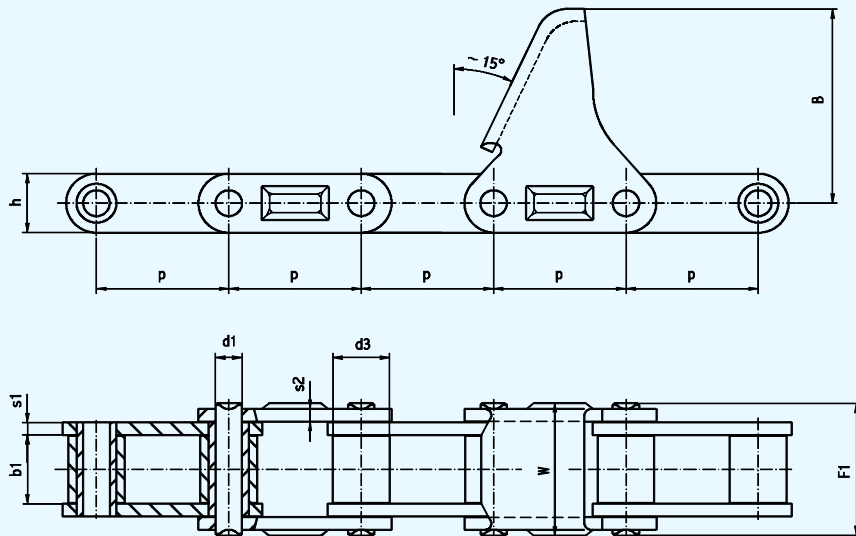


BURAYA ZİNCİR RESMİ
TAKILACAK

Zımaş No.	ISO	<i>Harve Teillung Pitch</i> p mm.	<i>İç Genişlik Lichte Weite Width</i> b ₁ mm.	<i>Pin Ø Bolzen Ø Pin Ø</i> d ₁ mm.	<i>Makara Ø Rollen Ø Roller Ø</i> d ₃ mm.	<i>Pin Boyu Bolzenlänge Pin Length</i> F ₁ mm.	<i>Bakla Genişliği Laschenhöhe Height of Plate Link</i> h mm.	<i>İç Bakla Kalınlığı Innenlasche Stærke Thickness of Inner Link</i> s ₁ mm.	<i>Dış Bakla Kalınlığı Aussenlasche Stærke Thickness of Outer Link</i> 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



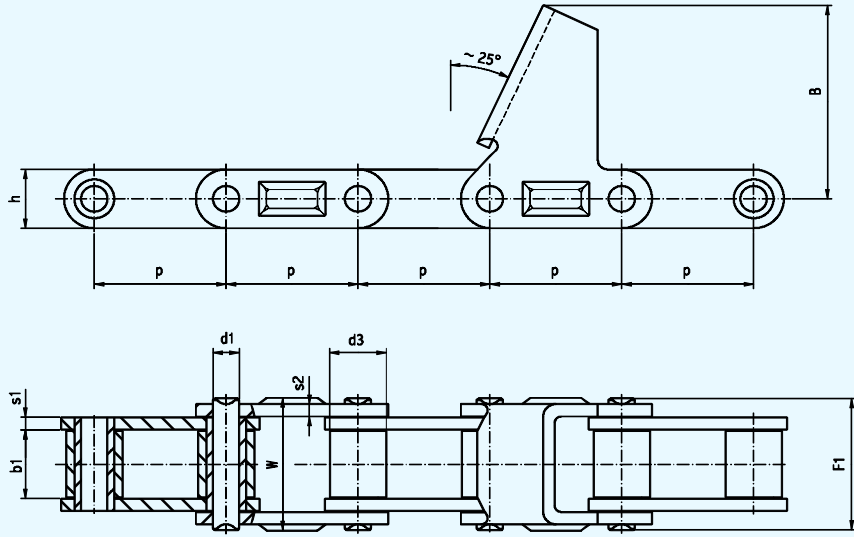
Mt-02-01-38,10	C 2060 H	38,10	12,70	5,94	11,91	25,80	17,20	2,40	2,40	63,50	26,80	31800
Mt-02-02-41,40	-	41,40	13,00	7,13	16,70	29,50	19,00	3,00	3,00	63,50	29,70	40000



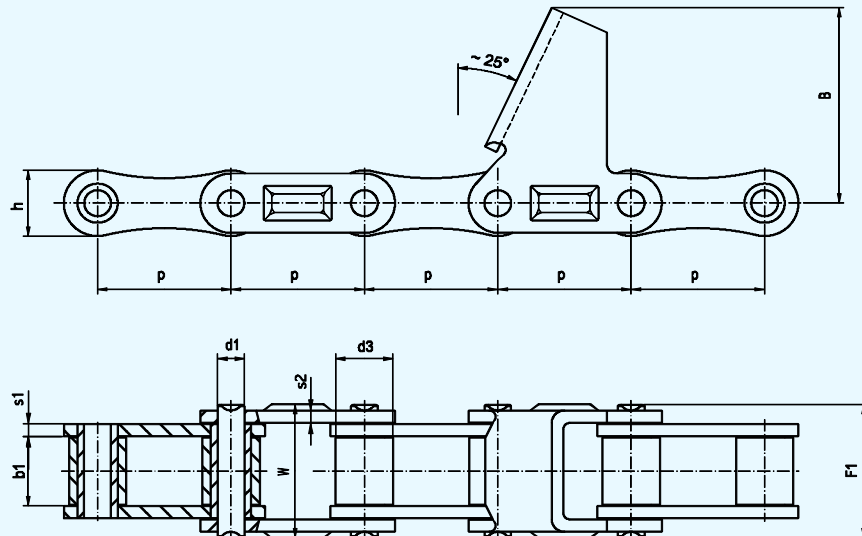


BURAYA ZİNCİR RESMİ
TAKILACAK

Zimaş No.	ISO	<i>Harve Teillung Pitch</i> p mm.	<i>Iç Genişlik Lichte Weite Width</i> b ₁ mm.	<i>Pin Ø Bolzen Ø Pin Ø</i> d ₁ mm.	<i>Makara Ø Rollen Ø Roller Ø</i> d ₃ mm.	<i>Pin Boyu Bolzenlänge Pin Length</i> F ₁ mm.	<i>Bakla Genişliği Laschenhöhe Height of Plate Link</i> h mm.	<i>Iç Bakla Kalınlığı Innenlasche Stærke Thickness of Inner Link</i> s ₁ mm.	<i>Dış Bakla Kalınlığı Aussenlasche Stærke Thickness of Outer Link</i> s ₂ mm.	B mm.	W mm.	F _B N	<i>Kopma Yüklü Bruchkraft Breaking Load</i>		
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			



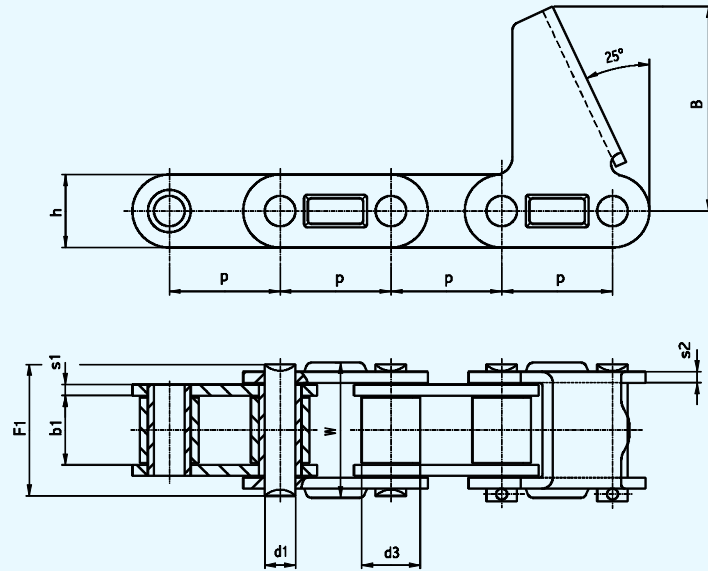
Mt-04-01-41,40	-	41,40	22,23	8,28	17,78	42,50	21,00	4,00	4,00	62,50	43,80	42000
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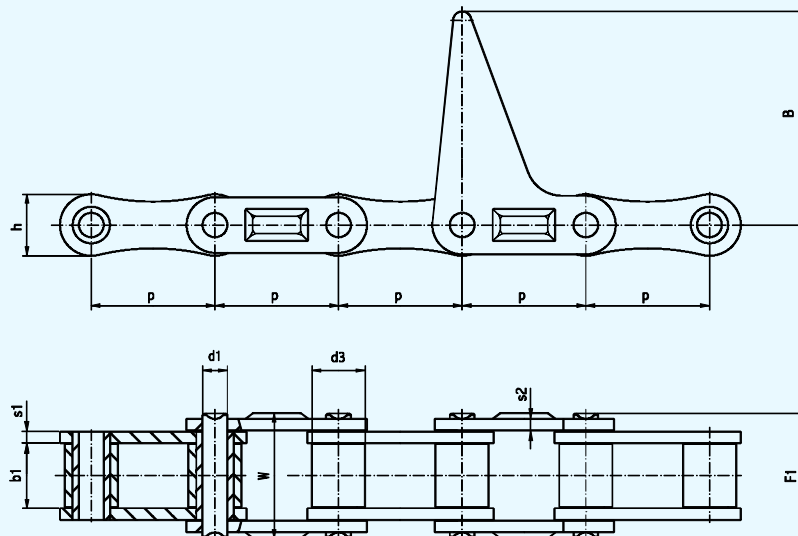


BURAYA ZİNCİR RESMİ
TAKILACAK

BURAYA ZİNCİR RESMİ TAKILACAK													
Zimaş No.	ISO	Harve Teillung Pitch p mm.	Iç Genişlik Lichte Weite Width b₁ mm.	Pin Ø Bolzen Ø Pin Ø d₁ mm.	Makara Ø Rollen Ø Roller Ø d₃ mm.	Pin Boyu Bolzenlänge Pin Length F₁ mm.	Bakla Genişliği Laschenhöhe Height of Plate Link h mm.	Iç Bakla Kalınlığı Innenlasche Stærke Thickness of Inner Link s₁ mm.	Dış Bakla Kalınlığı Aussenlasche Stærke Thickness of Outer Link s₂ mm.	B mm.	W mm.	Kopma Yıkılı Bruchkraft Breaking Load 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	

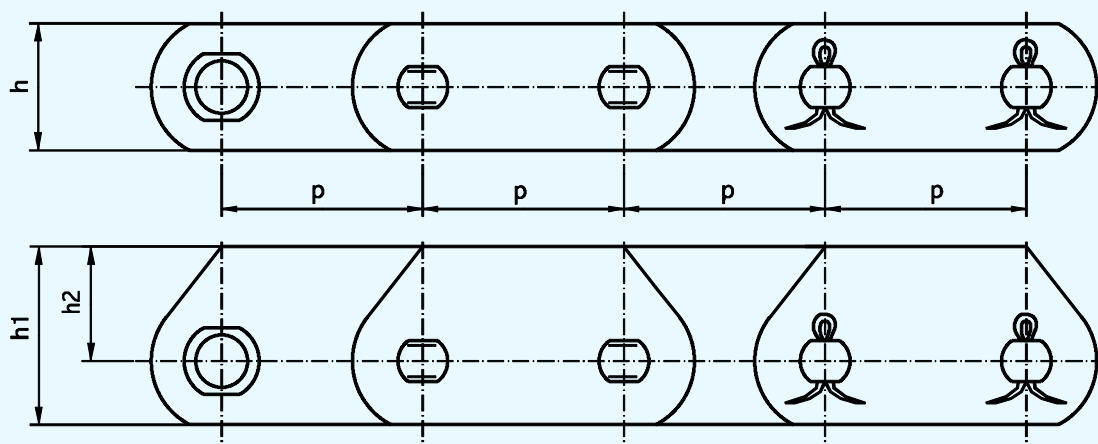


Mt-06-01-41,40	-	41,40	22,23	8,28	17,78	42,50	21,00	4,00	4,00	73,00	42,80	42000					
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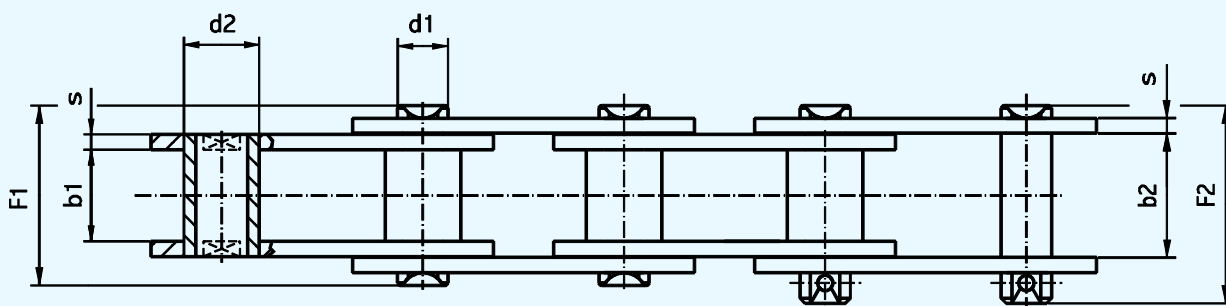




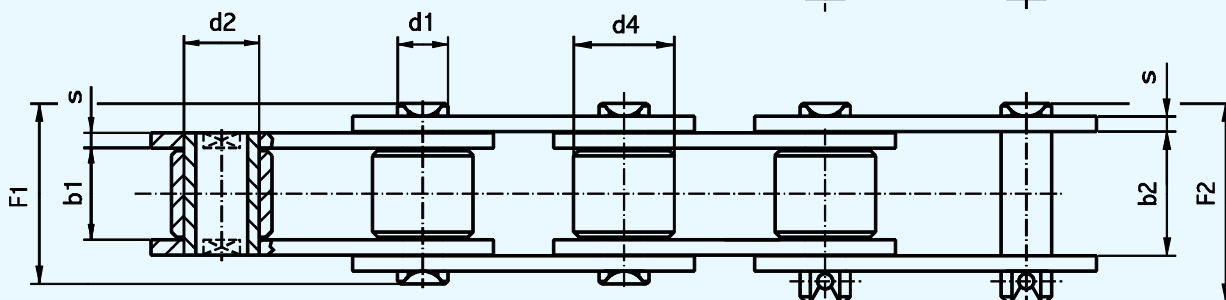
Bulunduğu Yer	Lieferbar Für	Available For
Makaralı , sabit burçlu ve fördeyer zincirlerde	alle Rollen, Buchsen und Förderketten	All Roller, bush and conveyor chains
Makaralı , sabit burçlu ve fördeyer zincirlerde	alle Rollen, Buchsen und Förderketten	All Roller, bush and conveyor chains
Makaralı zincirler dahil No: 20 B1 / 16 A1 kadar. Uzun baklalı zincir No: 208 B	Rollenketten bis einschließlich Nr. 20 B1 / 16 A1 Langgliedrollenkette Nr.208 B	Roller chains up to and including No. 20 B1 / 16 A1, extended pitch roller chain No. 208 B
Makaralı zincir No: 20 B1 / 20 A1 Uzun baklalı No: 210 B ve üstü, Ziraat zincirleri, Fördeyer zincirler, Sabit burçlu zincirler	Rollenketten ab Nr. 20 B1 / 20 A1 Langgliedrollenketten ab Nr. 210 B Landmaschinen-Rollenketten, Förderketten, Buchsenketten	Roller 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 Wunsch	Manufactured only from No. 16 B1 onwards on request
Makaralı, Uzun baklalı, Ziraat, Sabit burçlu ve Fördeyer zincirler	Rollenketten, Langgliedrollenketten, Landmaschinen-Rollenketten, Förderketten, Buchsenketten	Roller 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 Wunsch	Manufactured only from No. 16 B1 onwards on request
Makaralı zincirler dahil No: 16 B1 / 16 A1	Rollenketten bis einschließlich Nr. 16 B1 / 16 A1	Roller chains up to and including No. 16 B1 / 16 A1
Segmanlı kilitler için	zu allen Verbindungsgliedern	All connecting links



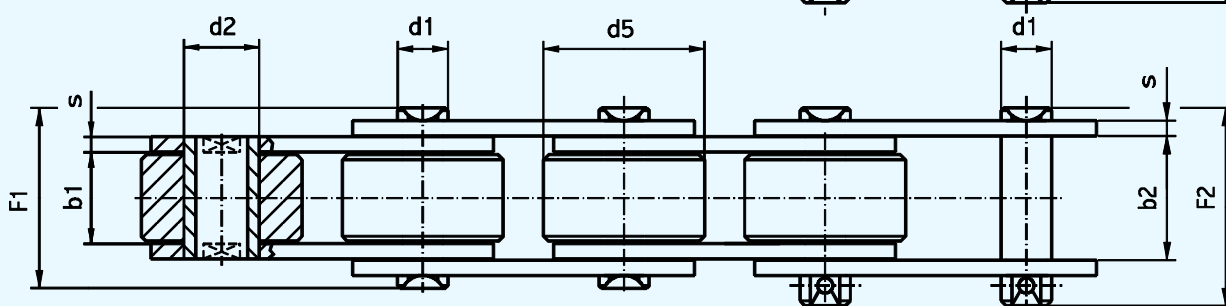
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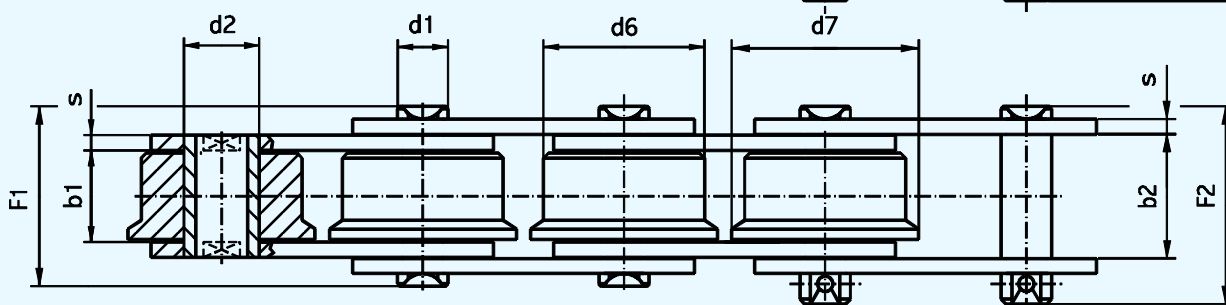
Tip
Type
A



Tip
Type
B



Tip
Type
D



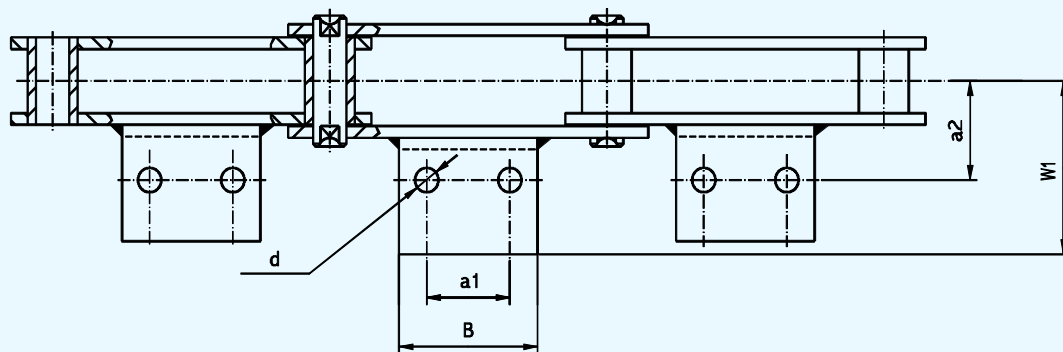
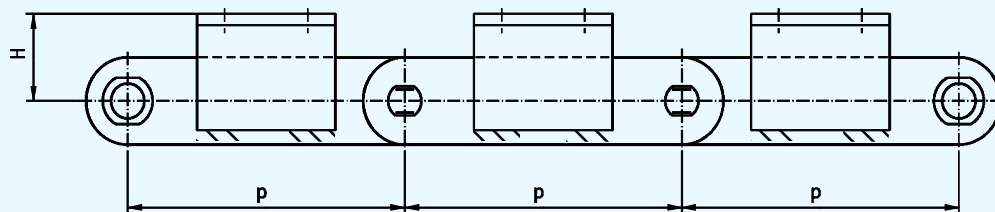
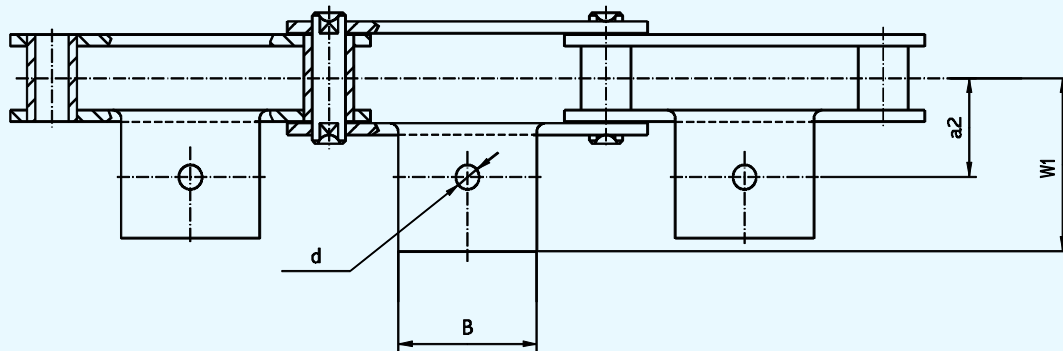
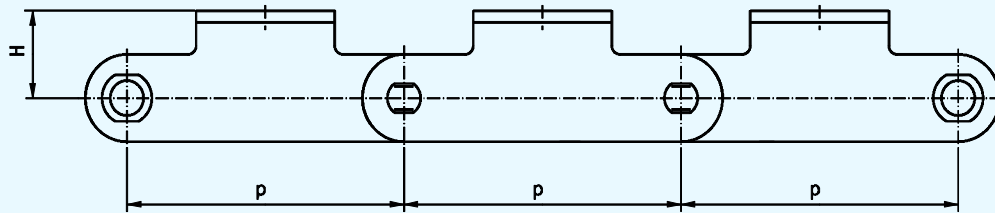


BURAYA ZİNCİR RESMİ
TAKILACAK

[illegible]



Kulaklı Baklalar
Befestigungslaschen
Attachments



KULAKLI ZİNCİRLER

DIN 8165

KETTEN MIT WINKELLASCHEN

DIN 8165

CHAINS WITH ATTACHMENT

DIN 8165



BURAYA ZİNCİR RESMİ TAKILACAK

ZİMAŞ
No.

DIN

p
mm.a₁
mm.a₂ ***
mm.B
mm.d
mm.H ***
mm.W₁
mm.Kulak şekli
Winkelprofil
Angle IronZincir Ağırlığı
Kettengewicht
Weight ChainZincir Ağırlığı
Kettengewicht
Weight ChainZincir Ağırlığı
Kettengewicht
Weight ChainZincir Ağırlığı
Kettengewicht
Weight ChainZincir Ağırlığı
Kettengewicht
Weight ChainKulak Ağırlığı kg/Adet
Gewicht des Winkels in kg/Stück
Attachment Weight kg/each

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	30	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	30	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

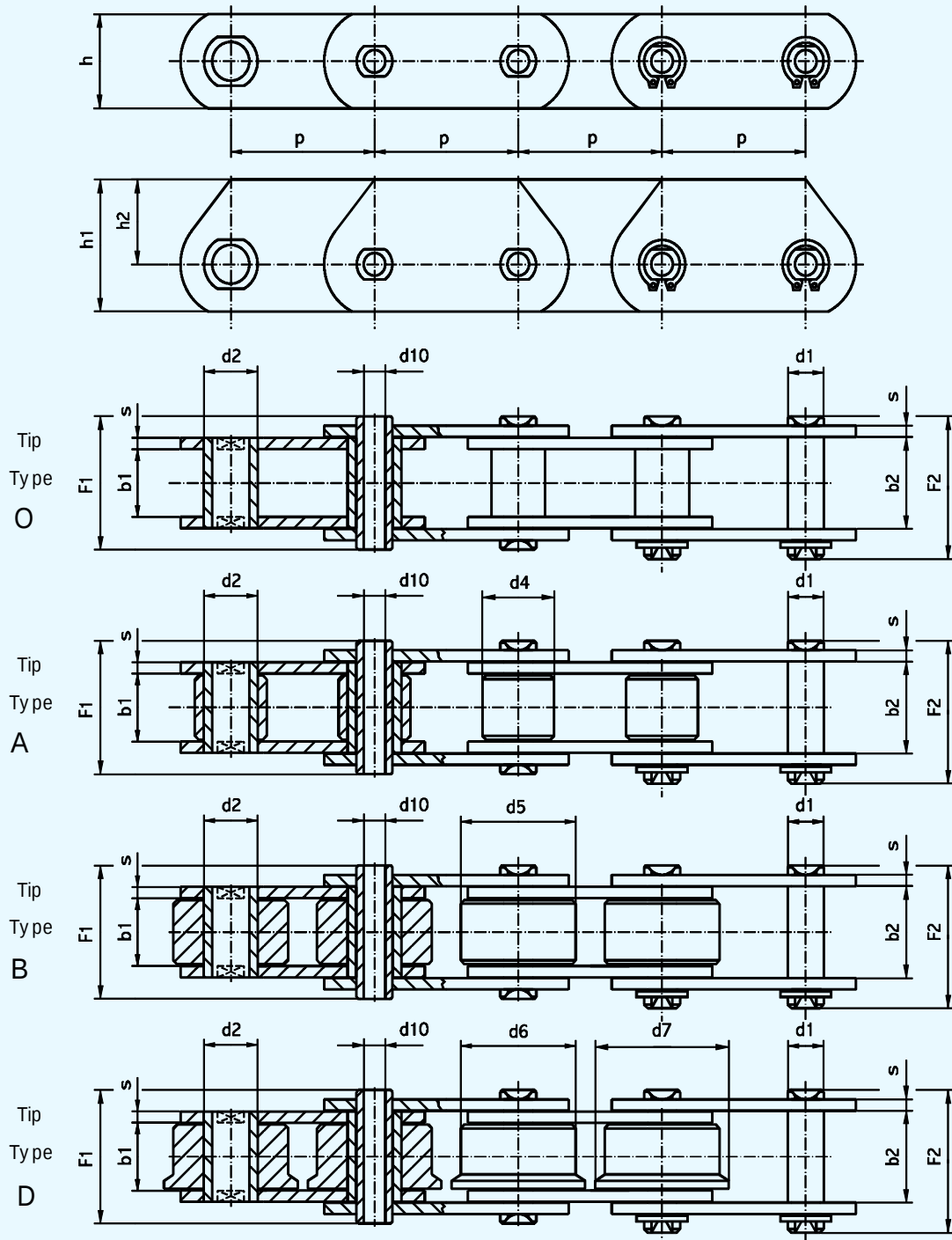
● 1 Delikli
■ Yeğpare Bükük Kulaklı

*** Fraimaß

● 1 Loch
■ Winkel angeboger

*** Free dimension

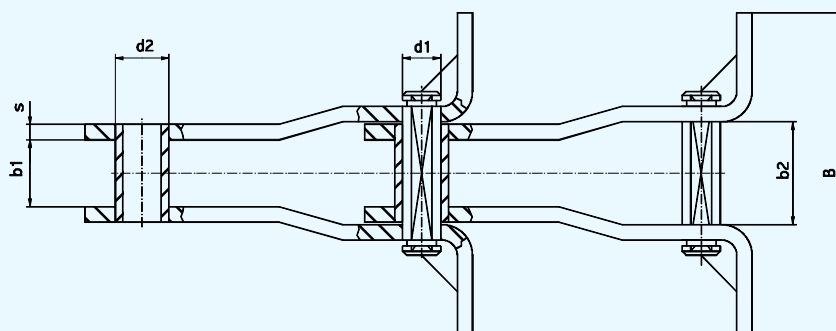
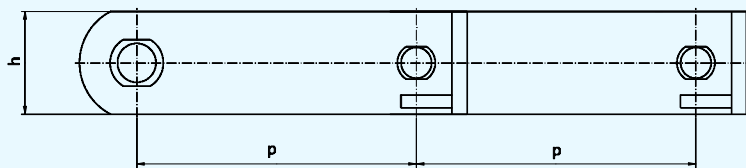
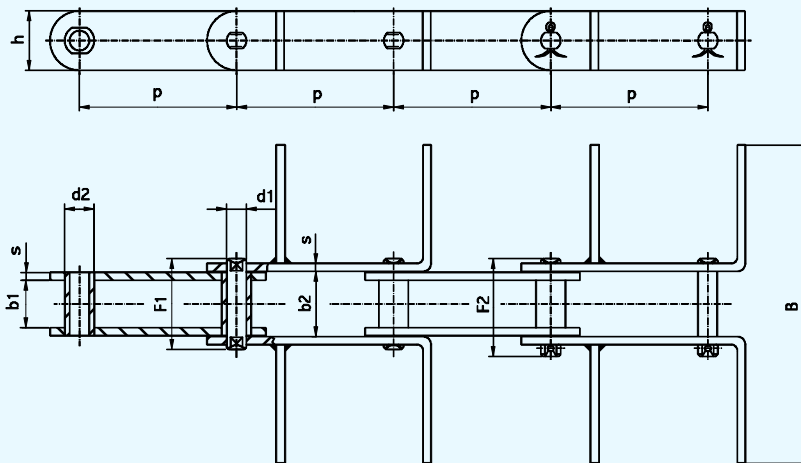
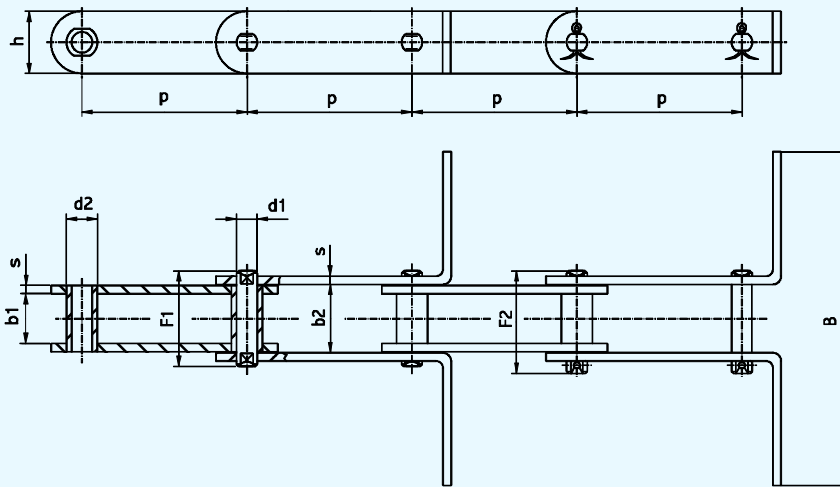
● 1 hole only
■ bent attachmen





BURAYA ZİNCİR RESMİ
TAKILACAK

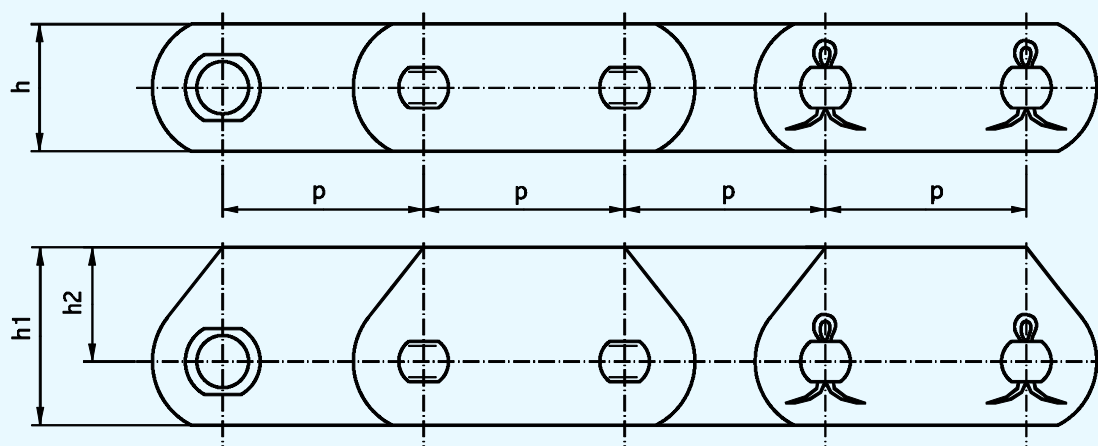
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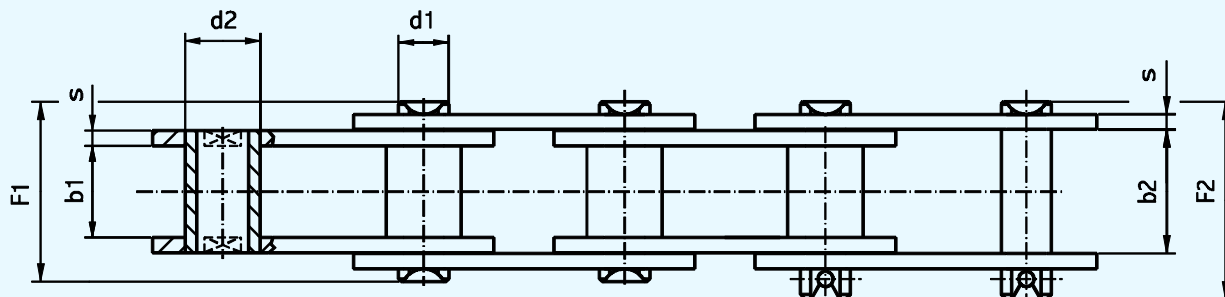


BURAYA ZİNCİR RESMİ
TAKILACAK

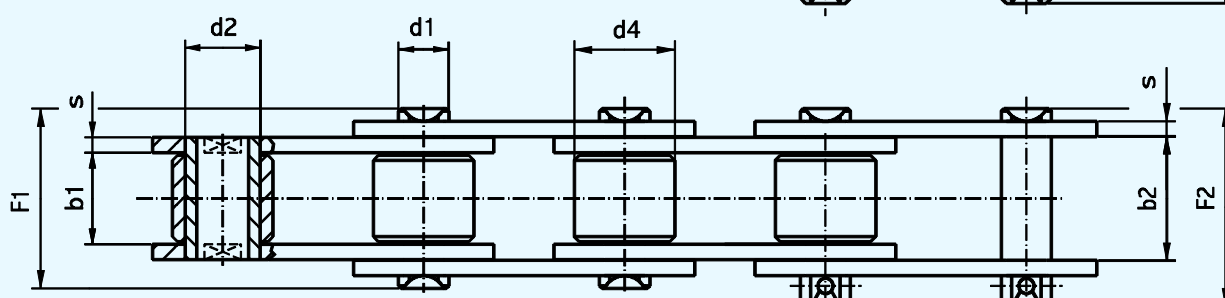
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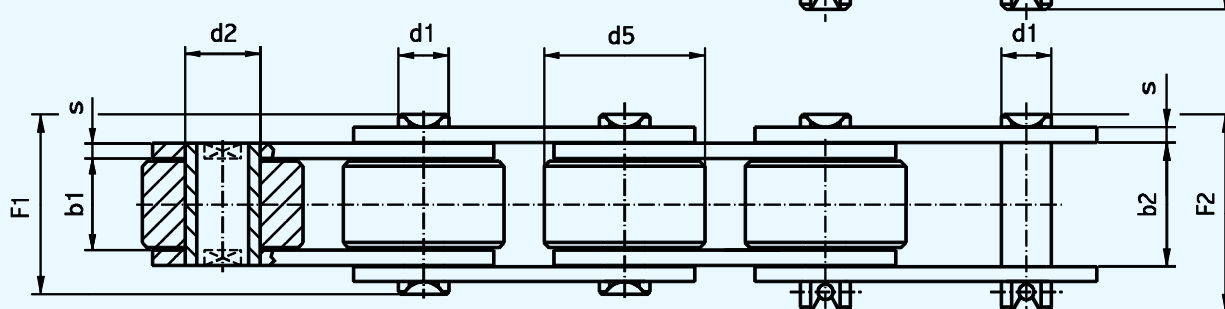
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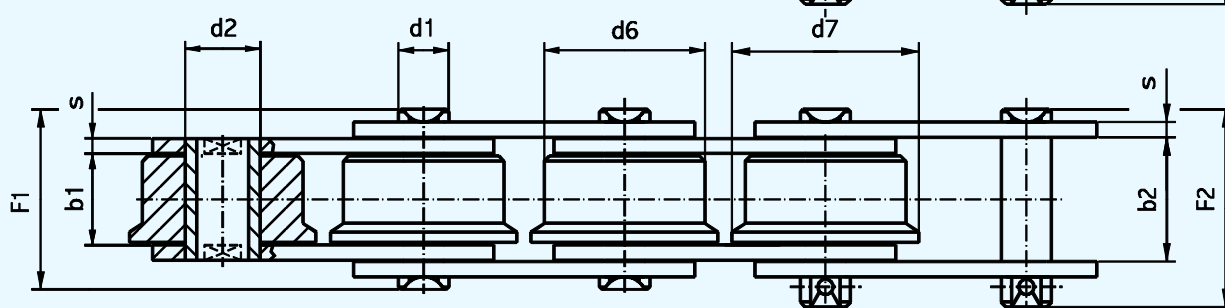
Tip
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A



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Type
B



Tip
Type
D





BURAYA ZİNCİR RESMİ
TAKILACAK

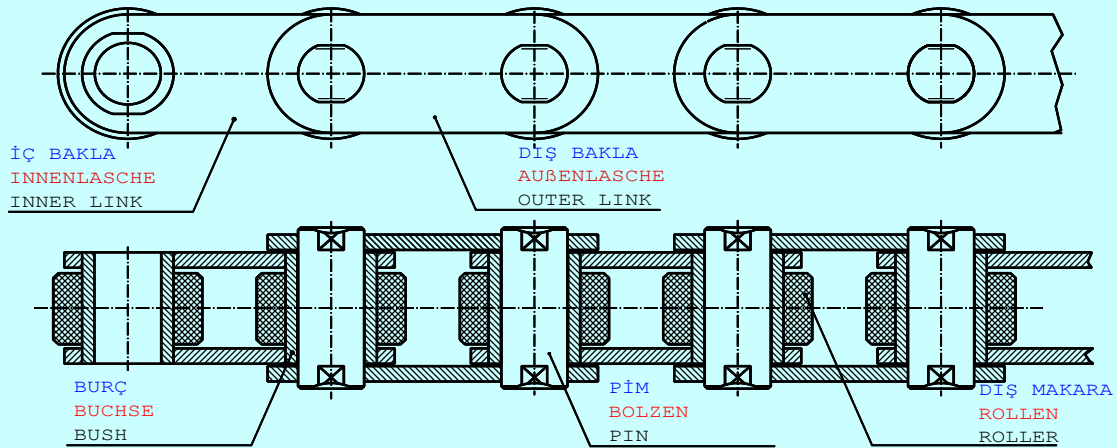
ZİMAŞ No.	DIN	p mm.	b ₁ mm.	b ₂ mm.	d ₁ mm.	d ₂ mm. O	d ₄ mm. A	d ₅ mm. B	d ₆ /d ₇ mm. D	e mm.	F ₁ mm.	F ₂ mm.	h mm.	s mm.	h ₁ mm.	h ₂ mm.	f cm. ²	F _B N min.
Fz-02-01-40	M 20 **	40	16	22	6	9	12,5	25	25/30	4	30,50	32,50	18	2,5	25	16	1,32	20000
Fz-02-01-50		50																
Fz-02-01-63		63																
Fz-02-01-80		80																
Fz-02-01-100		100																
Fz-02-01-125		125																
Fz-02-01-160		160																
Fz-02-02-50	M 28 **	50	18	25	7	10	15	30	30/36	4,5	35,00	37,50	20	3	30	20	1,75	28000
Fz-02-02-63		63																
Fz-02-02-80		80																
Fz-02-02-100		100																
Fz-02-02-125		125																
Fz-02-02-160		160																
Fz-02-02-200		200																
Fz-02-03-63	M 40 **	63	20	28	8,5	12,5	18	36	36/42	4,5	39,50	42,00	25	3,5	35	22,5	2,38	40000
Fz-02-03-80		80																
Fz-02-03-100		100																
Fz-02-03-125		125																
Fz-02-03-160		160																
Fz-02-03-200		200																
Fz-02-03-250		250																
Fz-02-04-63	M 56	63	24	33	10	15	21	42	42/50	6	46,00	49,50	30	4	45	30	3,30	56000
Fz-02-04-80		80																
Fz-02-04-100		100																
Fz-02-04-125		125																
Fz-02-04-160		160																
Fz-02-04-200		200																
Fz-02-04-250		250																
Fz-02-05-80	M 80	80	28	39	12	18	25	50	50/60	7	55,00	58,50	35	5	50	32,5	4,68	80000
Fz-02-05-100		100																
Fz-02-05-125		125																
Fz-02-05-160		160																
Fz-02-05-200		200																
Fz-02-05-250		250																
Fz-02-05-315		315																
Fz-02-06-80	M 112	80	32	45	15	21	30	60	60/70	7,5	64,00	68,50	40	6	60	40	6,75	112000
Fz-02-06-100		100																
Fz-02-06-125		125																
Fz-02-06-160		160																
Fz-02-06-200		200																
Fz-02-06-250		250																
Fz-02-06-315		315																
Fz-02-06-400		400																
Fz-02-07-100	M 160	100	37	52,5	18	25	36	70	70/85	8,5	74,50	79,00	50	7	70	45	9,36	160000
Fz-02-07-125		125																
Fz-02-07-160		160																
Fz-02-07-200		200																
Fz-02-07-250		250																
Fz-02-07-315		315																
Fz-02-07-400		400																
Fz-02-07-500		500																
Fz-02-08-125	M 224	125	43	61	21	30	42	85	85/100	10	86,00	91,50	60	8	90	60	12,60	224000
Fz-02-08-160		160																
Fz-02-08-200		200																
Fz-02-08-250		250																
Fz-02-08-315		315																
Fz-02-08-400		400																
Fz-02-08-500		500																
Fz-02-08-630		630																



- 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 mafsalsal hareketini oluşturmaktadır. Zincir parçaları çeşitli malzemelerden üretilmektedir. Bunların ana yapısı ıslah , sementasyon ve alaşımlı çeliklerdir.

a. BAKLA

Baklalar kopma ile karşı karşıya kaldığından dolayı ıslah edilmiş çelikten kullanılmaktadır. Zincirin tipi ve özelliğine göre ısıtma işlemi 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 alaşımlı 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 verschieden 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 Abnutzungsgefahr. 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-hardened steel is used for hardening, to make resistance against 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.





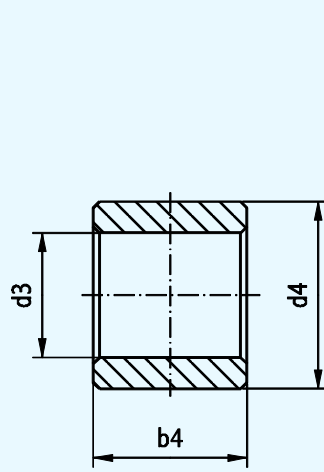
BURAYA ZİNCİR RESMİ
TAKILACAK

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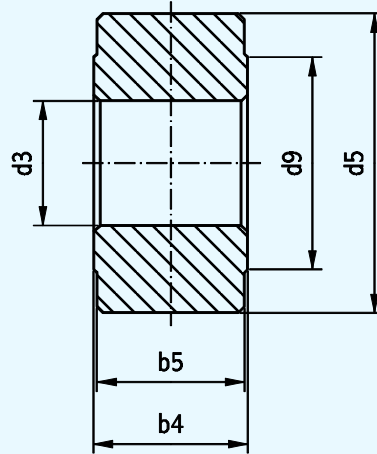
Dış Makara DIN 8169 'a Göre

Rollen nach DIN 8169

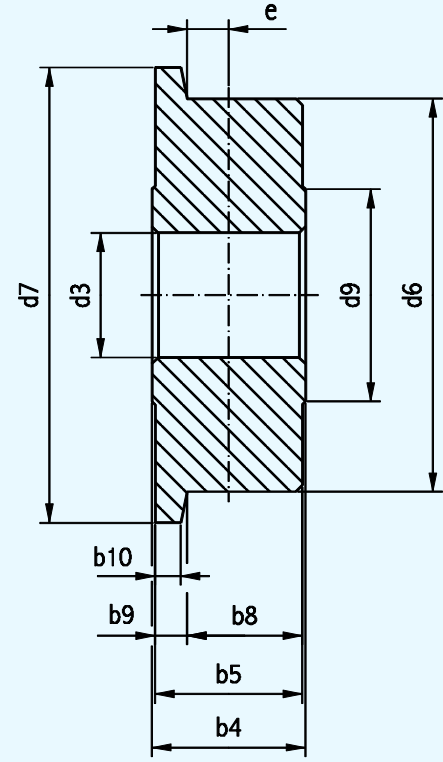
Rollers to DIN 8169



TİP
TYPE
A
Koruyucu Makara
Schonrollen
Small Roller



TİP
TYPE
B
İşleyen Makara
Laufrollen
Large Plain Roller

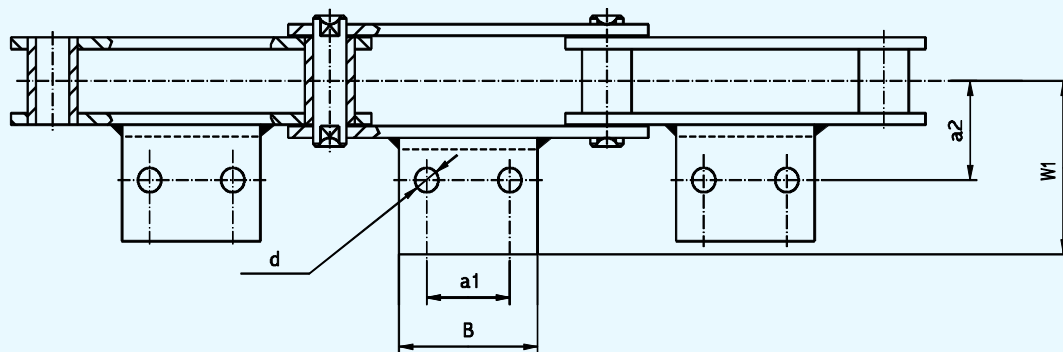
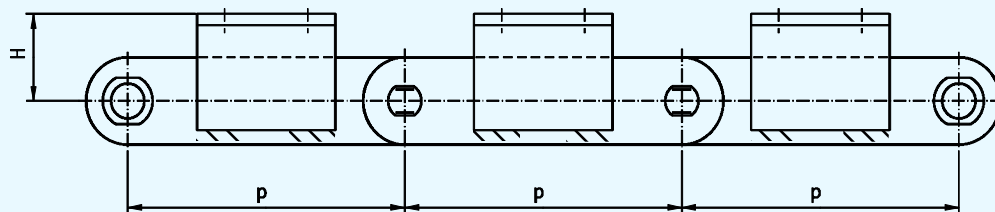
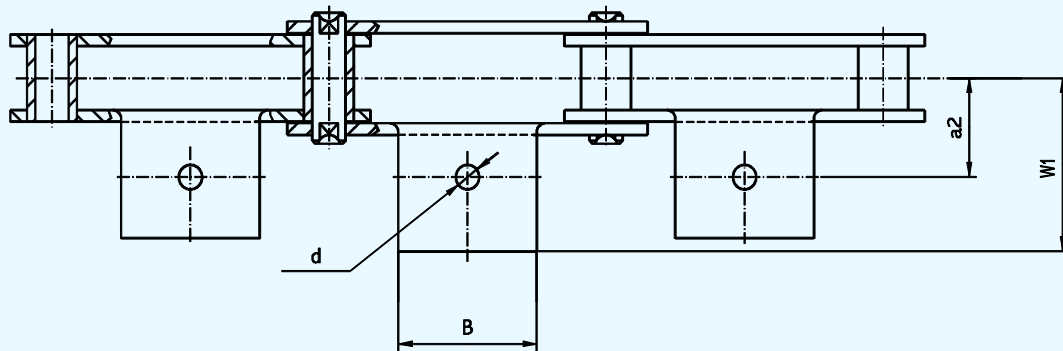
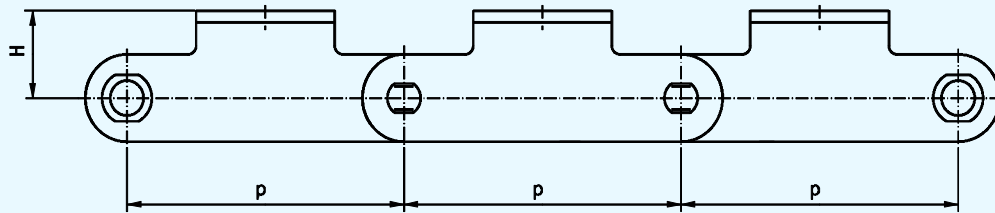


TİP
TYPE
D
Flanşlı Makara
Bundrollen
Flanged Roller

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	2,5	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



Kulaklı Baklalar
Befestigungslaschen
Attachments



KULAKLI ZİNCİRLER

DIN 8167

KETTEN MIT WINKELLASCHEN

DIN 8167

CHAINS WITH ATTACHMENT

DIN 8167



BURAYA ZİNCİR RESMİ TAKILACAK

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	Zincir Ağırlığı Kettengewicht Weight Chain q kg/m O	Zincir Ağırlığı Kettengewicht Weight Chain q kg/m A	Zincir Ağırlığı Kettengewicht Weight Chain q kg/m B	Zincir Ağırlığı Kettengewicht Weight Chain q kg/m D	Zincir Ağırlığı Kettengewicht Weight Chain 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	7,26	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	■	4,65	5,29	9,35	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
Fz-02-08-125	M 224	125	●	70	35	18	55	114	60 x 60 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	65		100					11,1	12,2	19,5	20,3	0,71
Fz-02-08-250		250	125		160					10,3	11,2	17,1	17,7	1,13
Fz-02-08-315		315	190		225					9,78	10,5	15,1	15,7	1,60
Fz-02-08-400		400	190		225					9,30	9,86	13,5	13,9	1,60
Fz-02-08-500		500	190		225					8,97	9,40	12,3	12,6	1,60
Fz-02-08-630		630	190		225					8,67	9,02	11,3	11,6	1,60

*** Serbest Ölçü

● 1 Delikli
■ Yekpare Büyük Kulaklı

*** Fraimaß

● 1 Loch
■ Winkel angeboger

*** Free dimension

● 1 hole only
■ bent attachmen

Kulak Ağırlığı
Gewicht des Winkels in kg/Stück
Attachment Weight kg/each

KULAKLI ZİNCİRLER

DIN 8167

KETTEN MIT WINKELLASCHEN

DIN 8167

CHAINS WITH ATTACHMENT

DIN 8167



BURAYA ZİNCİR RESMİ TAKILACAK

ZİMAŞ
No.

DIN

p
mm.a₁
mm.a₂ ***
mm.B
mm.d
mm.H ***
mm.W₁
mm.Kulak şekli
Winkelprofil
Angle Ironq
kg/mq
kg/mq
kg/mq
kg/mq
kg/mq
kg/mq
kg/mq
kg/mq
kg/m

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		50		85				16,7	18,6	29,6	31,0	0,66
Fz-03-09-250		250		100		135				15,6	17,1	25,9	27,1	1,04
Fz-03-09-315		315		155		190				14,6	15,8	22,9	23,7	1,46
Fz-03-09-400		400		155		190				13,9	14,8	20,3	21,2	1,46
Fz-03-09-500		500		155		190				13,3	14,1	18,5	19,1	1,46
Fz-03-09-630		630		155		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		125				22,4	25,0	39,8	41,4	1,17
Fz-03-10-315		315		155		195				20,9	22,9	34,7	36,0	1,82
Fz-03-10-400		400		240		280				19,7	21,3	30,6	31,5	2,62
Fz-03-10-500		500		240		280				18,7	20,1	27,5	28,2	2,62
Fz-03-10-630		630		240		280				18,0	19,0	24,9	25,5	2,62
Fz-03-10-800		800		240		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		100		150				32,2	35,4	54,3	56,5	2,67
Fz-03-11-400		400		190		240				30,3	32,7	47,8	49,5	4,27
Fz-03-11-500		500		300		350				28,4	30,4	42,4	43,8	6,22
Fz-03-11-630		630		300		350				27,1	28,7	38,3	39,3	6,22
Fz-03-11-800		800		300		350				26,0	27,2	34,7	35,6	6,22
Fz-03-11-1000		1000		300		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		65		125				47,0	52,3	85,7	90,2	3,32
Fz-03-12-400		400		155		215				43,5	47,7	74,0	77,4	5,70
Fz-03-12-500		500		240		300				40,8	44,2	65,3	68,1	7,95
Fz-03-12-630		630		240		300				38,8	41,4	58,1	60,4	7,95
Fz-03-12-800		800		240		300				36,9	39,0	52,2	51,7	7,95
Fz-03-12-1000		1000		240		300				35,5	37,2	47,7	49,1	7,95

Habe

Teilung

Pitch

İki Delik Ekseni Arası

Mitte Bohrung zu Mitte Bohrung

Distance between two Hles

Zincir - Delik Eksenleri Arası

Mass von Kette zu Lochmitte

Distance chain - middle of hole

Kulak Genişliği

Mitnehmerbreite

Width of Attachment

Delik Ø

Bohrung

Hole

Bakla Ekseni Kulak Ucu Arası

Laschenmitte-Oberkante Winkel

Distance: Link - bent of attachm.

Zincir Ekseni Kulak Ucu Arası

Kettenmitte-Oberkante Winkel

Distance: Chain - bent of attachm.

Zincir Ağırlığı

Kettengewicht

Weight Chain

Zincir Ağırlığı

Kettengewicht

Weight Chain

Zincir Ağırlığı

Kettengewicht

Weight Chain

Zincir Ağırlığı

Kettengewicht

Weight Chain

Kulak Ağırlığı kg/Stück

Gewicht des Winkels in kg/Stück

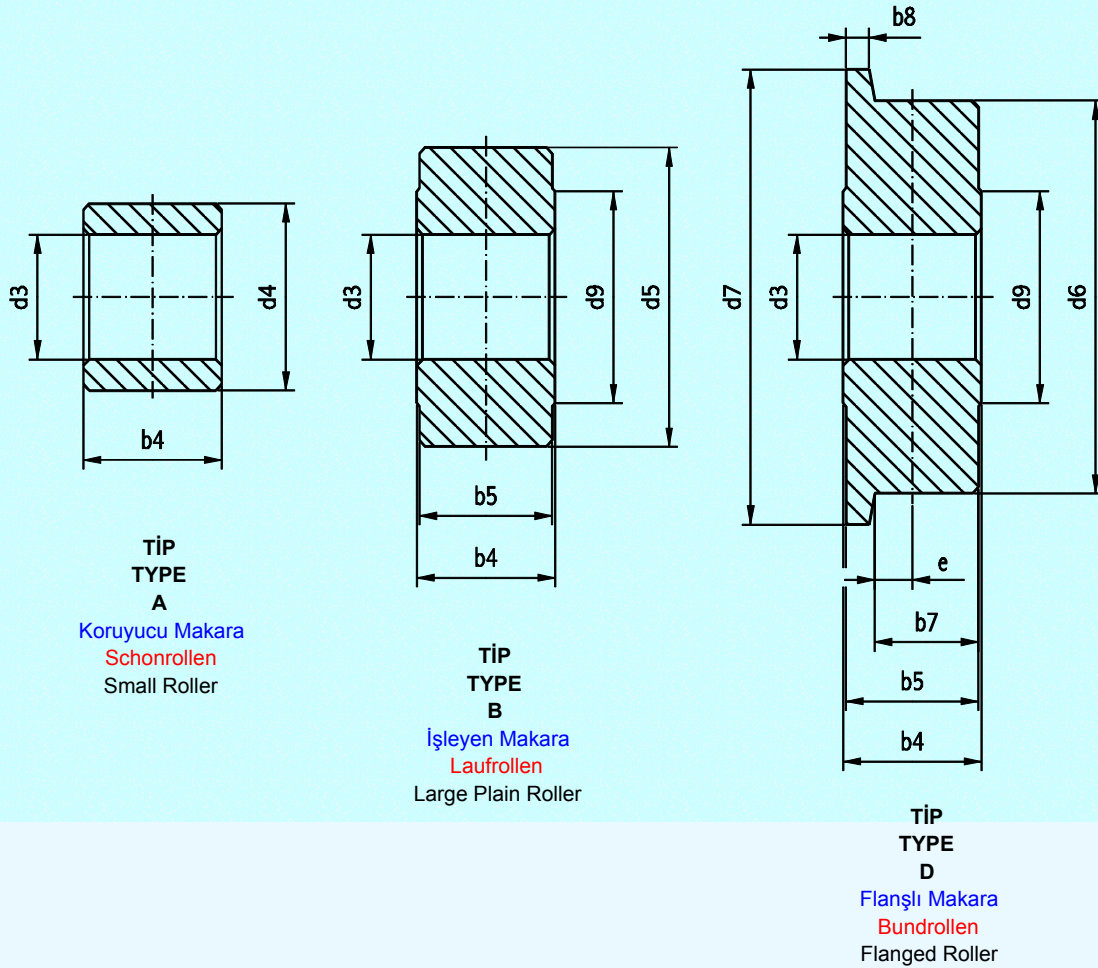
Attachment Weight kg/each



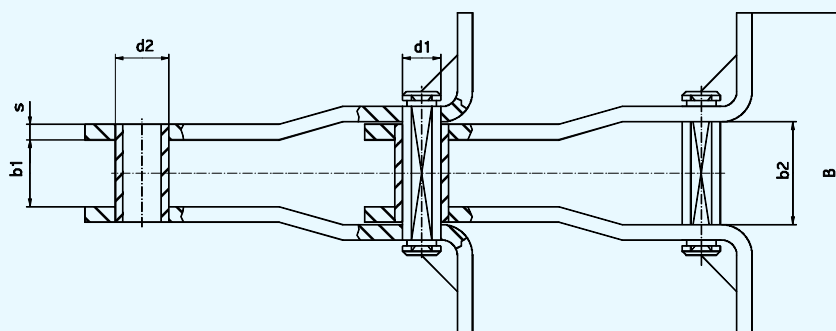
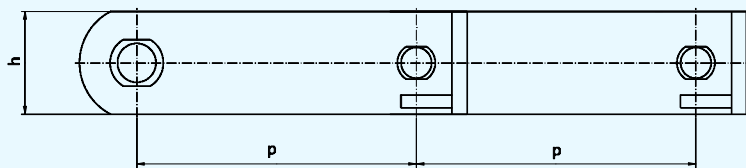
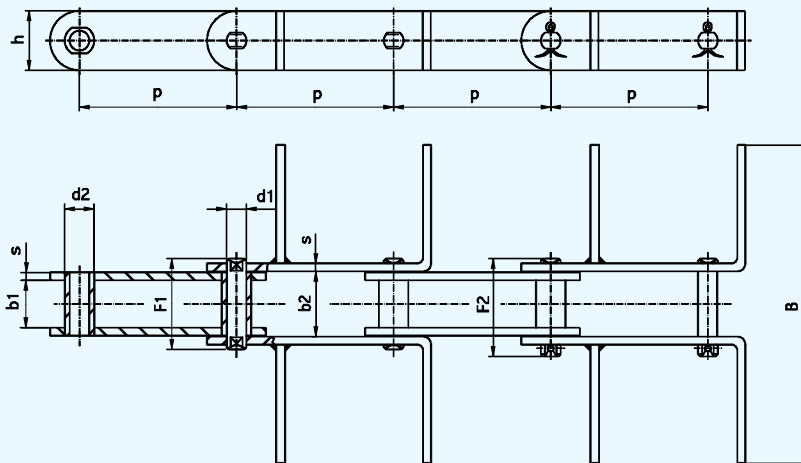
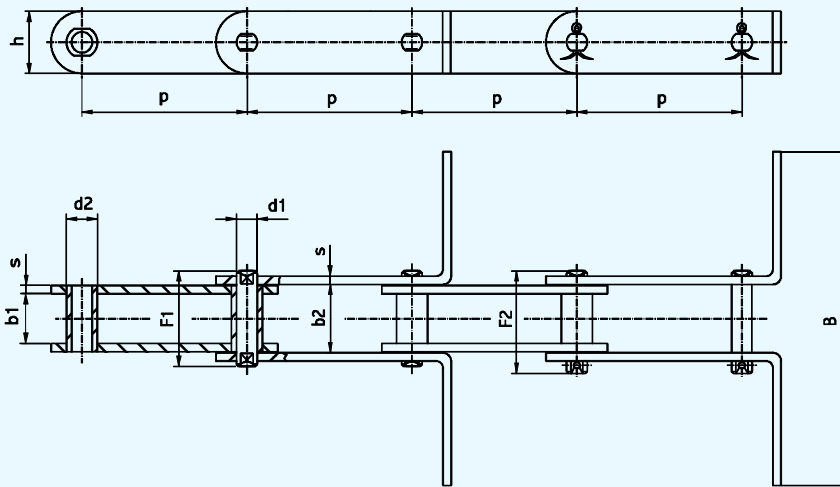
Dış Makara DIN 8166 'a Göre

Rollen nach DIN 8166

Rollers to DIN 8166



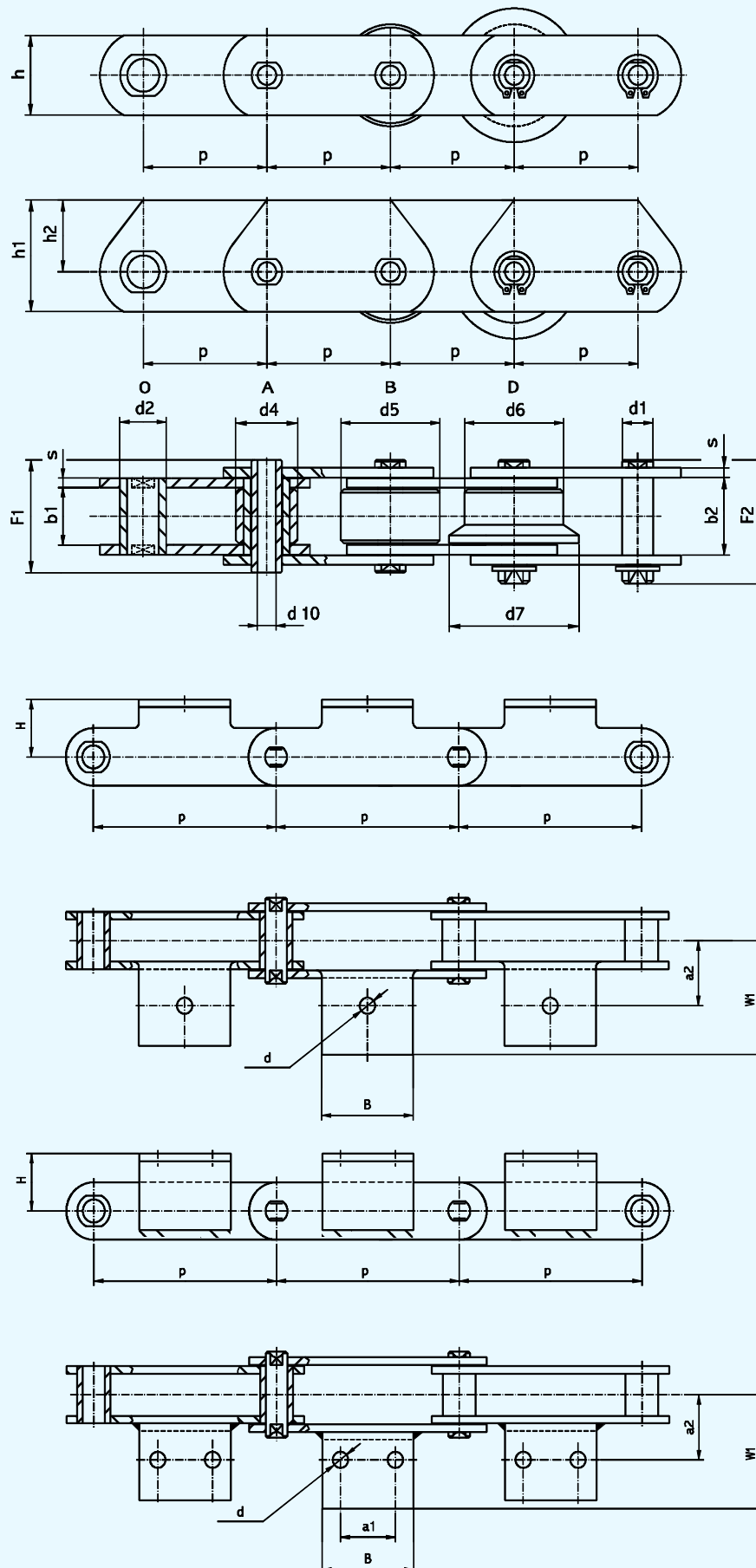
Zincir no. Ketten nr. Chain nr.	b4 max.	b5 max.	b7 min.	b8 max.	d3 min.	d4 max.	d5 max.	d6 max.	d7 max.	d9 ~
FV 40	17	16	12	3	15,2	20	32	40	48	26
FV 63	21	20	15	4	18,2	26	40	50	60	30
FV 90	24	23	18	4	20,2	30	48	63	73	35
FV 112	29	28	21,5	5	22,2	32	55	72	87	40
FV 140	34	32	25	5,5	26,2	36	60	80	95	45
FV 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





BURAYA ZİNCİR RESMİ
TAKILACAK

BURAYA ZİNCİR RESMİ TAKILACAK														
		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
Kz-02-01-63	M 40	63	20	28	8,5	12,5	Serbest ölçü Freimaß Free dimension	39,5	42	25	3,5	2,38	40000	
Kz-02-01-80		80												
Kz-02-01-100		100												
Kz-02-01-125		125												
Kz-02-01-160		160												
Kz-02-02-63	M 56	63	24	33	10	15	Serbest ölçü Freimaß Free dimension	46	49,5	30	4	3,30	56000	
Kz-02-02-80		80												
Kz-02-02-100		100												
Kz-02-02-125		125												
Kz-02-02-160		160												
Kz-02-03-80	M 80	80	28	39	12	18	Serbest ölçü Freimaß Free dimension	55	58,5	35	5	4,68	80000	
Kz-02-03-100		100												
Kz-02-03-125		125												
Kz-02-03-160		160												
Kz-02-03-200		200												
Kz-02-04-80	M 112	80	32	45	15	21	Serbest ölçü Freimaß Free dimension	64	68,5	40	6	6,75	112000	
Kz-02-04-100		100												
Kz-02-04-125		125												
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	Serbest ölçü Freimaß Free dimension	74,5	79	50	7	9,36	160000	
Kz-02-05-125		125												
Kz-02-05-160		160												
Kz-02-05-200		200												
Kz-02-05-250		250												
Kz-02-06-125	M 224	125	43	61	21	30	Serbest ölçü Freimaß Free dimension	86	91,5	60	8	12,6	224000	
Kz-02-06-160		160												
Kz-02-06-200		200												
Kz-02-06-250		250												
Kz-02-07-160	M 315	160	48	70,5	25	36	Serbest ölçü Freimaß Free dimension	100,5	106	70	10	17,5	315000	
Kz-02-07-200		200												
Kz-02-07-250		250												
Kz-02-07-315		315												





BURAYA ZİNCİR RESMİ TAKILACAK		Haube Teilung Pitch	İç Genişlik Lichte Weite	Çatal İç Genişlik Ausgesgited Innen Breite	Outer Link Inner Width	Pin Ø	Pin	Burç Ø	Bush Ø	Makaralı Ø	Roller Ø	Makaralı Ø	Roller Ø	Makaralı Ø	Roller Ø	Pin Ø	Hohlbolzen Innen Ø	Hollow pin inner Ø	Çapraz Haube Querriegel	Traverse Pitch	Pin Boyu Pin Length	Bolzen Laenge Pin Length	Kitit Pin Boyu V-Clitd Bolzenlaenge	C-Link Pin Length	Bakla Genişliği Laschenhöhe	Height of Plate Link	Bakla Kalınlığı Laschen Staerke	Thickness of Link	Bakla Genişliği Laschenhöhe	Height of Plate Link	Bakla Genişliği Laschenhöhe	Height of Plate Link	Majsal Yırcay Alanı Gelenekfläche	Bearing Area	Kopma Yüku Bruchkraft	Breaking Load
ZİMAŞ No.	DIN	p mm.	b ₁ mm.	b ₂ mm.	d ₁ mm.	d ₂ mm. O	d ₄ mm. A	d ₅ mm. B	d ₆ /d ₇ mm. D	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-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	3,64	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	100/120	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																																		

BURAYA ZİNCİR RESMİ TAKILACAK		Haube Teilung Pitch	İki Delik Ekseni Arası Mitte Bohrung zu Mitte Bohrung	Distance between two holes	Zincir - Delik Ekseni Arası Mass von Kette zu Lochmitte	Distance-chain - middle of hole	Kulak Genişliği Mittelnmerbreite	Width of Attachment	Delik Ø	Bohrung Hole	Bakla Ekseni Kulak Ucu Arası Laschenmitte-Oberkante Winkel	Distance.Link -bent of attachm.	Zincir Ekseni Kulak Ucu Arası Kettenmitte-Oberkante Winkel	Distance.Chain -bent of attachm.	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	Kulak Ağırlığı kg/Adet Gewicht des Winkels in kg/Stück	Attachment Weight kg/each
ZİMAŞ No.	DIN	p mm.	a ₁ mm.	a ₂ *** mm.	B mm.	d mm.	H *** mm.	W ₁ mm.								q kg/m O	q kg/m A	q kg/m B	q kg/m D	q						
Pm-01-01-63	MC 28	63	●	35	20	9	25	56							■	2,6	3,8	5,0	5,2	0,03						
Pm-01-01-80		80	20		40										30 x 30 x 3	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							■	3,5	4,9	5,7	6,0	0,06						
Pm-01-02-100		100	●		25										■	3,3	4,4	5,0	5,2	0,06						
Pm-01-02-125		125	50		75										40 x 40 x 4	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							■	8,5	9,9	12,9	13,5	0,13						
Pm-01-03-125		125	●		30										■	7,6	8,9	11,3	11,7	0,13						
Pm-01-03-160		160	50		80										50 x 50 x 6	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							■	13,6	16,4	27,0	28,7	0,25						
Pm-01-04-200		200	50		85										60 x 60 x 8	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
● 1 Delikli
■ Yekpare Bükük Kulaklı

*** Fraimaß
● 1 Loch
■ Winkel angebogen

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



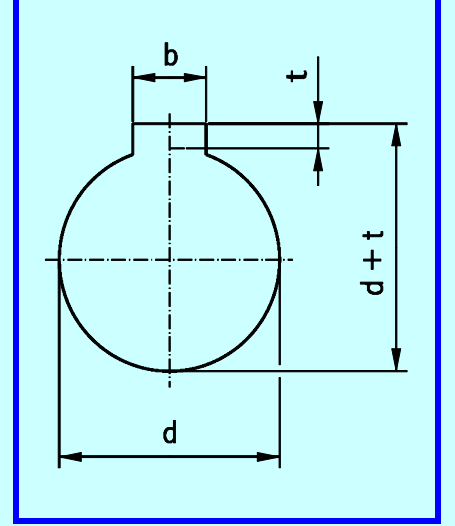
- MİL ÇAPINA GÖRE KAMA ÖLÇÜLERİ (DIN 6885)

- 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

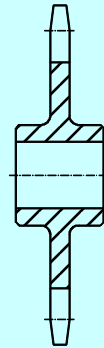
- SPROCKET DESIGNS



Form A



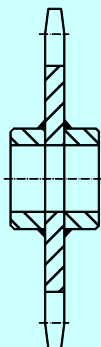
Form B



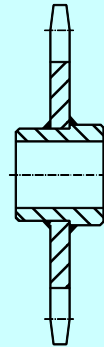
Form C



Form E



Form F



Form G



- 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_1 => İç genişlik

d_3 => 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 ile istenildiğinde , başlangıç ve bitiş 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
DİYAGRAM / 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 -f ₂

- KARŞILIK FAKTÖRLERİ İLETİM GÜCÜYLE ÇARPILIR.

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

- FORMÜLLER

TORK =>	$M_d = \frac{9550 \cdot p}{n} = \frac{F \cdot d_0}{2000} \quad \text{Nm}$
KAPASİTE =>	$P = \frac{F \cdot V}{1000} = \frac{M_d \cdot n}{9550} \quad \text{KW}$
STATİK ÇEKME GÜCÜ =>	$F = \frac{1000 \cdot P}{V} = \frac{2000 \cdot M_d}{d_0} \quad \text{N}$
HIZ =>	$V = \frac{z \cdot p \cdot n}{60 \ 000} \quad \text{m/s}$
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) KATSIYISI	1	1.5	2	3	4	5
ETKEN f_1	1	1,25	1,37	1,59	1,73	1,89

DİŞ 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

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

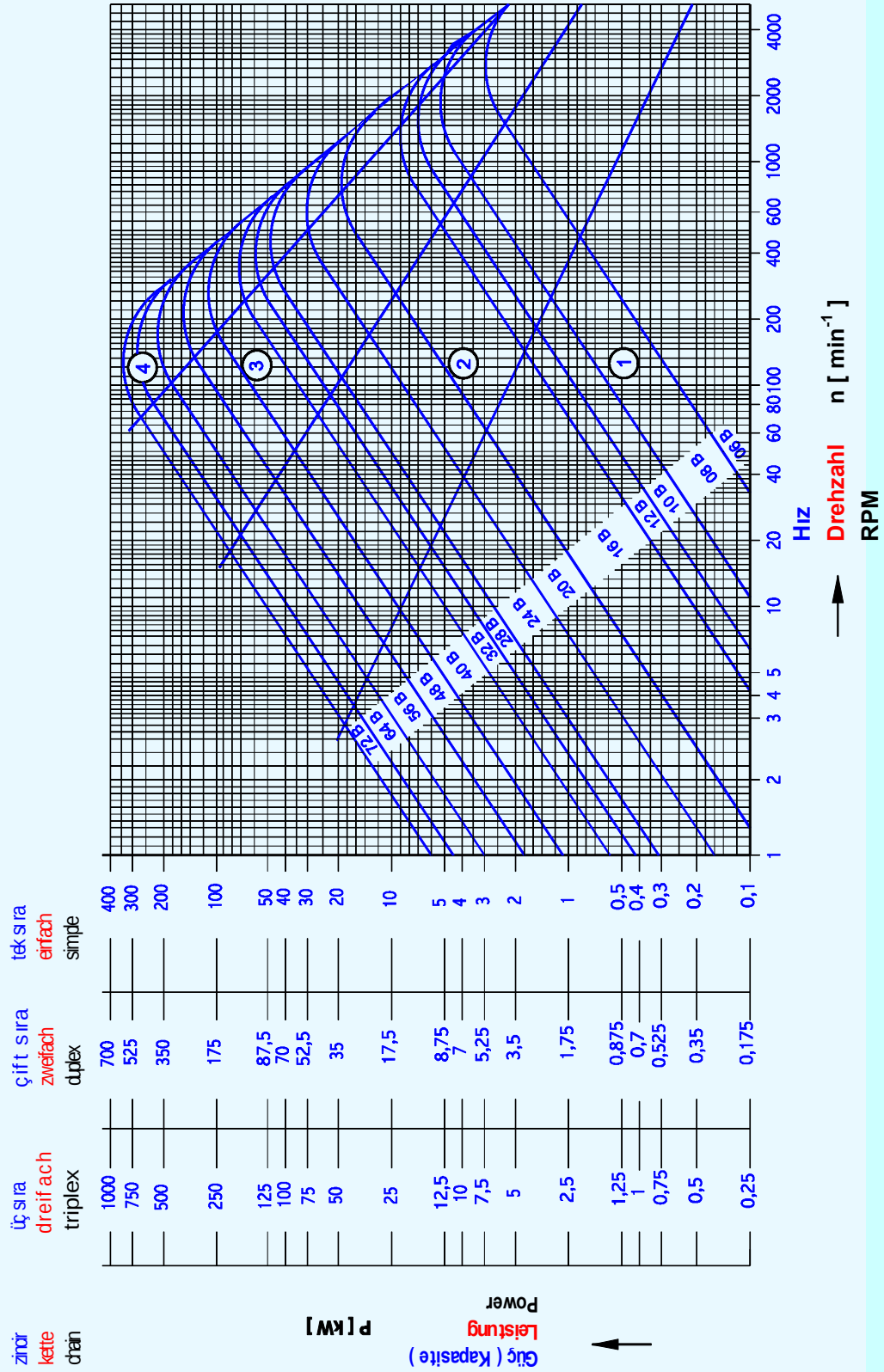
ZİNCİR TİPİ	TEK SIRA	ÇİFT SIRA	ÜÇ SIRA
ETKEN f_5	1	0,6	0,4



- ZİNCİR SEÇİM DİYAGRAMI

- AUSWAHL DER KETTEN

- SELECTION OF CHAINS

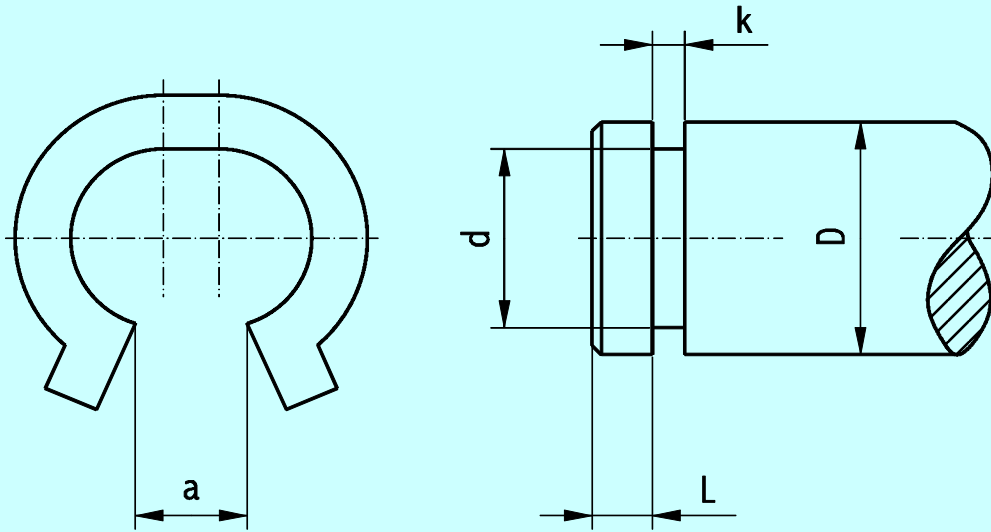




- TAKVİYELİ SEGMANLAR

- ABMESSUNGEN FÜR SCHLIEßRINGE

- 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

	DIN	ISO	Sayfa
Tek - Çift - Üç Sıralı Makaralı Zincirler (Avrupa Normu)	8187	R-606	B - 1.2
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
Makaralı Zincirler için Kulaklar	-	-	B - 4.2
Makaralı Zincirler için Kulaklar	-	-	B - 5.1
Pim Çıkıntılı Makaralı Zincirler	-	-	B - 5.2
Pim Çıkıntılı Makaralı Zincirler	-	-	B - 6.1
Uzun Baklılı Makaralı Zincirler	8181	1275	B - 6.2
Uzun Baklılı Makaralı Zincirler	8181	1275	B - 7.1
Yana Yaylanan Zincir	-	-	B - 7.2

	DIN	ISO	Seite
Einfach - Zweifach - Dreifach Rollenketten (Europäische Bauart)	8187	R-606	B - 1.2
Einfach - Zweifach - Dreifach Rollenketten (Europäische Bauart)	8187	R-606	B - 2.1
Einfach - Zweifach - Dreifach Rollenketten (Amerikanische Bauart)	8188	R-606	B - 2.2
Einfach - Zweifach - Dreifach Rollenketten (Amerikanische Bauart)	8188	R-606	B - 3.1
Einfach - Zweifach - Dreifach Rollenketten Mit Geraden Laschen	8187-8188	-	B - 3.2
Einfach - Zweifach - Dreifach Rollenketten Mit Geraden Laschen	8187-8188	-	B - 4.1
Befestigungslaschen Für Rollenketten	-	-	B - 4.2
Befestigungslaschen Für Rollenketten	-	-	B - 5.1
Rollenketten Mit Verlängerten Bolzen	-	-	B - 5.2
Rollenketten Mit Verlängerten Bolzen	-	-	B - 6.1
Langglieder Rollenketten	8181	1275	B - 6.2
Langglieder Rollenketten	8181	1275	B - 7.1
Seitenbogenketten	-	-	B - 7.2

	DIN	ISO	Page
Simple - Duplex - Triplex Roller Chains (European Series)	8187	R-606	B - 1.2
Simple - Duplex - Triplex Roller Chains (European Series)	8187	R-606	B - 2.1
Simple - Duplex - Triplex Roller Chains (American Series)	8188	R-606	B - 2.2
Simple - Duplex - Triplex Roller Chains (American Series)	8188	R-606	B - 3.1
Simple - Duplex - Triplex Roller Chains With Straight Plates	8187-8188	-	B - 3.2
Simple - Duplex - Triplex Roller Chains With Straight Plates	8187-8188	-	B - 4.1
Attachment Plates For Roller Chains	-	-	B - 4.2
Attachment Plates For Roller Chains	-	-	B - 5.1
Roller Chains With Extended Pins	-	-	B - 5.2
Roller Chains With Extended Pins	-	-	B - 6.1
Double - Pitch Roller Chains	8181	1275	B - 6.2
Double - Pitch Roller Chains	8181	1275	B - 7.1
Side Bow Chains	-	-	B - 7.2

	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

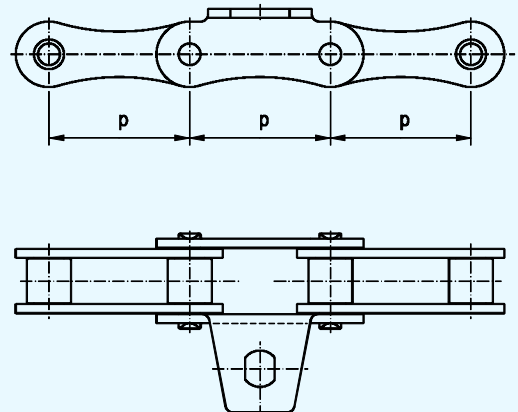
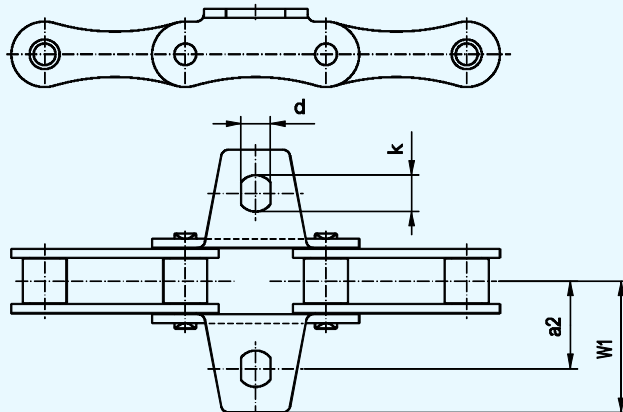
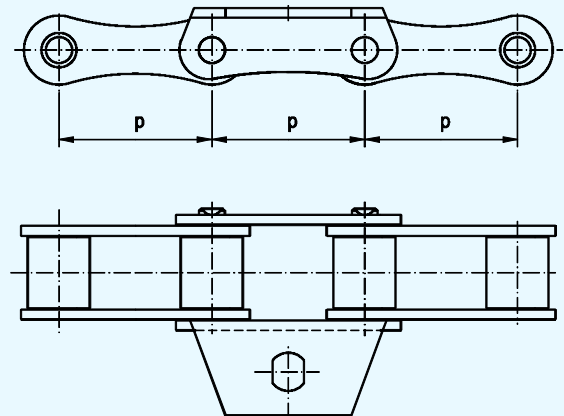
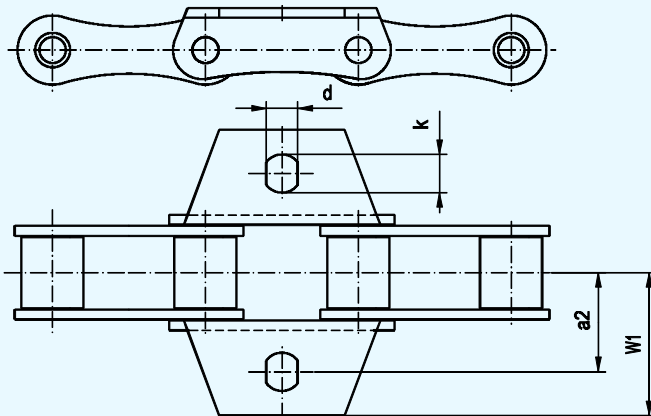
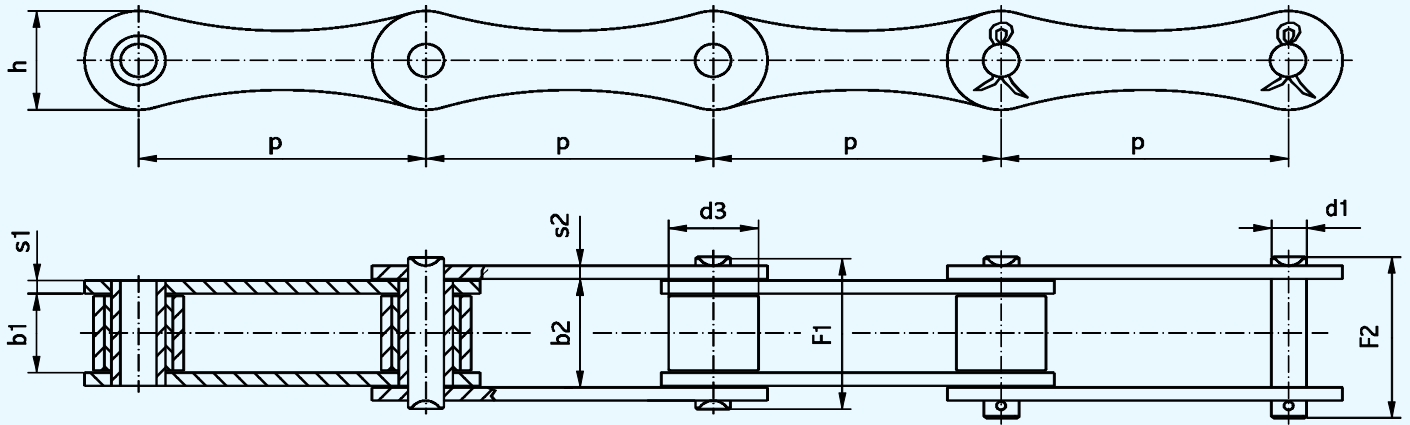
	DIN	ISO	Page
Leaf Chains "LH"	8152-3	4347	D - 1.2
Leaf Chains "LH"	8152-3	4347	D - 2.1
Leaf Chains "LL"	8152-1	4347	D - 2.2
Leaf Chains "AL"	-	-	D - 3.1
Bush Chains	8164	-	D - 3.2
Textile Machinery Chains (to Works' standard)	-	-	D - 4.1
Gall Chains	8156-8157	-	D - 4.2
Gall Chains	8150	-	D - 5.1
Rotary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

	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

	DIN	ISO	Sayfa
Fördeyer Zincirler	8165	-	F - 1.2
Fördeyer Zincirler	8165	-	F - 2.1
Fördeyer Zincirler İçin Kulaklar	8165	-	F - 2.2
Fördeyer Zincirler İçin Kulaklar	8165	-	F - 3.1
Pim Makaralı Zincirler	8165	-	F - 3.2
Pim Makaralı Zincirler	8165	-	F - 4.1
Kazıyıcı Zincirler	8165	-	F - 4.2
Kazıyıcı Zincirler	8165	-	F - 5.1
Fördeyer Zincirler	8167	1977	F - 5.2
Fördeyer Zincirler	8167	1977	F - 6.1
Fördeyer Zincirler	8167	1977	F - 6.2
Fördeyer Zincirler İçin Makaralar	8165	-	F - 7.1
Fördeyer Zincirler İçin Kulaklar	8167	1977	F - 7.2
Fördeyer Zincirler İçin Kulaklar	8167	1977	F - 8.1
Fördeyer Zincirler İçin Kulaklar	8167	1977	F - 8.2
Fördeyer Zincirler İçin Makaralar	8167-8168	1977-R 1977	F - 9.1
Kazıyıcı Zincirler	8167	1977	F - 9.2
Kazıyıcı Zincirler	8167	1977	F - 10.1
Pim Makaralı Zincirler	8168	R 1977	F - 10.2
Pim Makaralı Zincirler	8168	R 1977	F - 11.1
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Förderketten	8165	-	F - 1.2
Förderketten	8165	-	F - 2.1
Förderketten Mit Winkellaschen	8165	-	F - 2.2
Förderketten Mit Winkellaschen	8165	-	F - 3.1
Hohlbolzenketten	8165	-	F - 3.2
Hohlbolzenketten	8165	-	F - 4.1
Trogförderketten	8165	-	F - 4.2
Trogförderketten	8165	-	F - 5.1
Förderketten	8167	1977	F - 5.2
Förderketten	8167	1977	F - 6.1
Förderketten	8167	1977	F - 6.2
Rollen Für Förderketten	8165	-	F - 7.1
Förderketten Mit Winkellaschen	8167	1977	F - 7.2
Förderketten Mit Winkellaschen	8167	1977	F - 8.1
Förderketten Mit Winkellaschen	8167	1977	F - 8.2
Rollen Für Förderketten	8167-8168	1977-R 1977	F - 9.1
Trogförderketten	8167	1977	F - 9.2
Trogförderketten	8167	1977	F - 10.1
Hohlbolzenketten	8168	R 1977	F - 10.2
Hohlbolzenketten	8168	R 1977	F - 11.1
	DIN	ISO	Page
Conveyor Chains	8165	-	F - 1.2
Conveyor Chains	8165	-	F - 2.1
Conveyor Chains With Attachment	8165	-	F - 2.2
Conveyor Chains With Attachment	8165	-	F - 3.1
Hollow Pin Chains	8165	-	F - 3.2
Hollow Pin Chains	8165	-	F - 4.1
Scraper Chains	8165	-	F - 4.2
Scraper Chains	8165	-	F - 5.1
Conveyor Chains	8167	1977	F - 5.2
Conveyor Chains	8167	1977	F - 6.1
Conveyor Chains	8167	1977	F - 6.2
Roller For Conveyor Chains	8165	-	F - 7.1
Conveyor Chains With Attachment	8167	1977	F - 7.2
Conveyor Chains With Attachment	8167	1977	F - 8.1
Conveyor Chains With Attachment	8167	1977	F - 8.2
Roller For Conveyor Chains	8167-8168	1977-R 1977	F - 9.1
Scraper Chains	8167	1977	F - 9.2
Scraper Chains	8167	1977	F - 10.1
Hollow Pin Chains	8168	R 1977	F - 10.2
Hollow Pin Chains	8168	R 1977	F - 11.1





BURAYA ZİNCİR RESMİ
TAKILACAK

BURAYA ZİNCİR RESMİ TAKILACAK		<i>Have Teilung Pitch</i>	<i>İç Genişlik Lichte Weite Width</i>	<i>Çatal İç Genişliği Aussenglied Innen Breite Outer Link Inner Width</i>	<i>Pim Ø</i>	<i>Bolzen Ø Pin Ø</i>	<i>Makara Ø Rollen Ø Roller Ø</i>	<i>Pim Boyu Bolzenlänge Pin Length</i>	<i>Kilit Pim Boyu V-Glied Bolzenlänge C-Link Pin Length</i>	<i>Bakla Genişliği Laschenhöhe Height of Plate Link</i>	<i>İç Bakla Kalınlığı Imenglied Staerke Thickness of Inner Link</i>	<i>Dış Bakla Kalınlığı Aussenglied Staerke Thickness of Outer Link</i>	<i>Mafsıl Yüzey Alanı Gelenkfläche Bearing Area</i>	<i>Kopma Yüklü Bruchkraft Breaking Load</i>	<i>Zincir Ağırlığı Kettengewicht Weight Chain</i>
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.	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	

BURAYA ZİNCİR RESMİ
TAKILACAK

Zımaş No.	ISO	<i>Have Teillung Pitch</i>	<i>a₂[*]</i> mm.	<i>H[*]</i> mm.	<i>d</i> mm.	<i>k</i> mm.	<i>W₁</i> 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

* Free dimension



BURAYA ZİNCİR RESMİ
TAKILACAK

Zimaş No.	ISO	<i>Harve Teillung Pitch</i> p mm.	<i>İç Genişlik Lichte Weite Width</i> b ₁ mm.	<i>Çatal İç Genişliği Aussenglied Innen Breite Outer Link Inner Width</i> b ₂ mm.	<i>Pim Ø Bolzen Ø Pin Ø</i> d ₁ mm.	<i>Makara Ø Rollen Ø Roller Ø</i> d ₃ mm.	<i>Pim Boyu Bolzenlänge Pin Length</i> F ₁ mm.	<i>Kilit Pim Boyu V-Glied Bolzenlänge C-Link Pin Length</i> F ₂ mm.	<i>Bakla Genişliği Laschenhöhe Height of Plate Link</i> h mm.	<i>İç Bakla Kalınlığı Innenglied Staerke Thickness of Inner Link</i> s ₁ mm.	<i>Dış Bakla Kalınlığı Aussenglied Staerke Thickness of Outer Link</i> s ₂ mm.	<i>Kopma Yüklü Bruchkraft Breaking Load</i> 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

BURAYA ZİNCİR RESMİ
TAKILACAK

Zimaş No.	ISO	<i>Harve Teillung Pitch</i> p mm.	<i>A</i> mm.	<i>W</i> mm.	<i>d</i> mm.	<i>k</i> mm.	<i>a₂</i> mm.	<i>H</i> mm.	<i>B</i> mm.	<i>L</i> 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

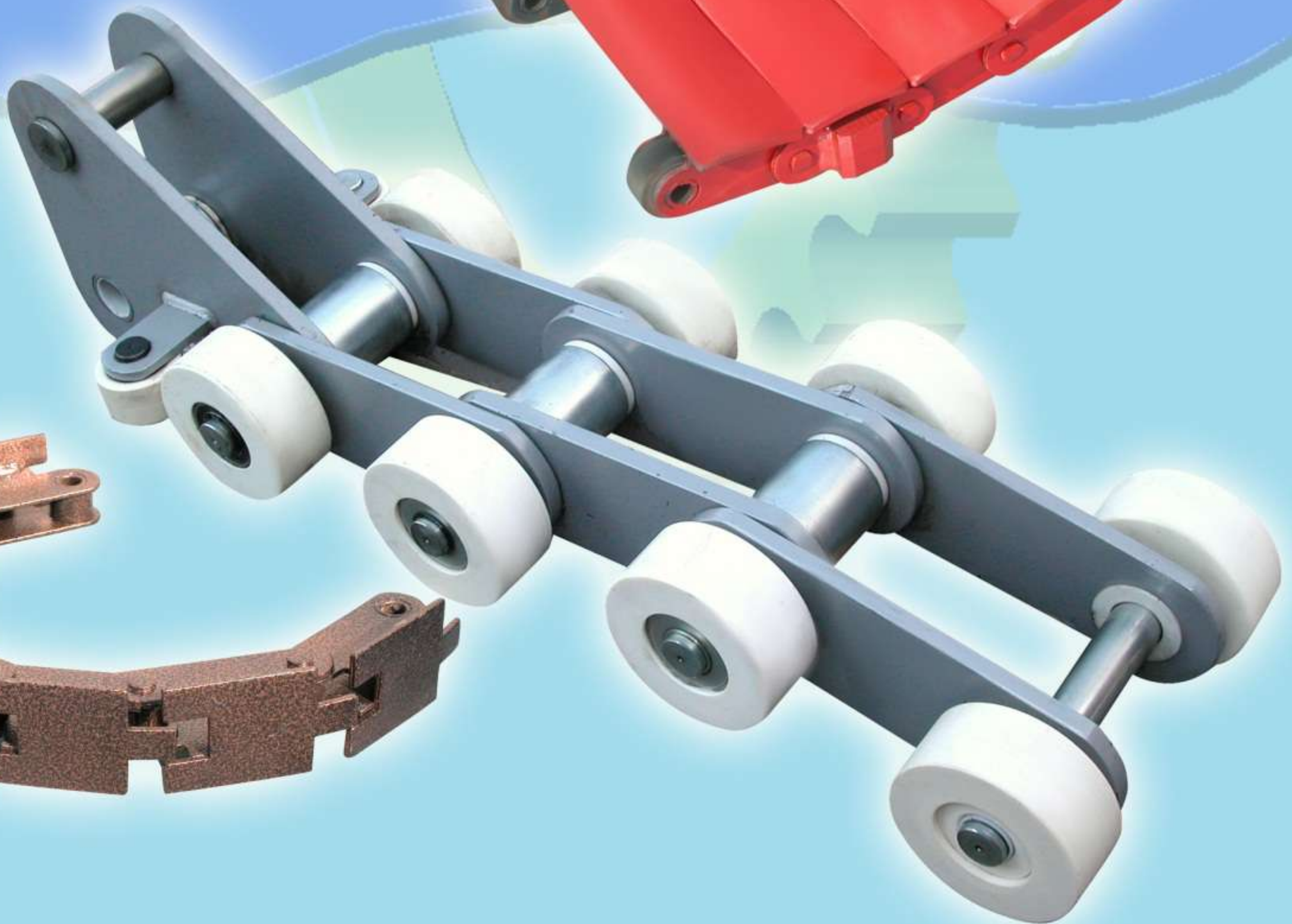
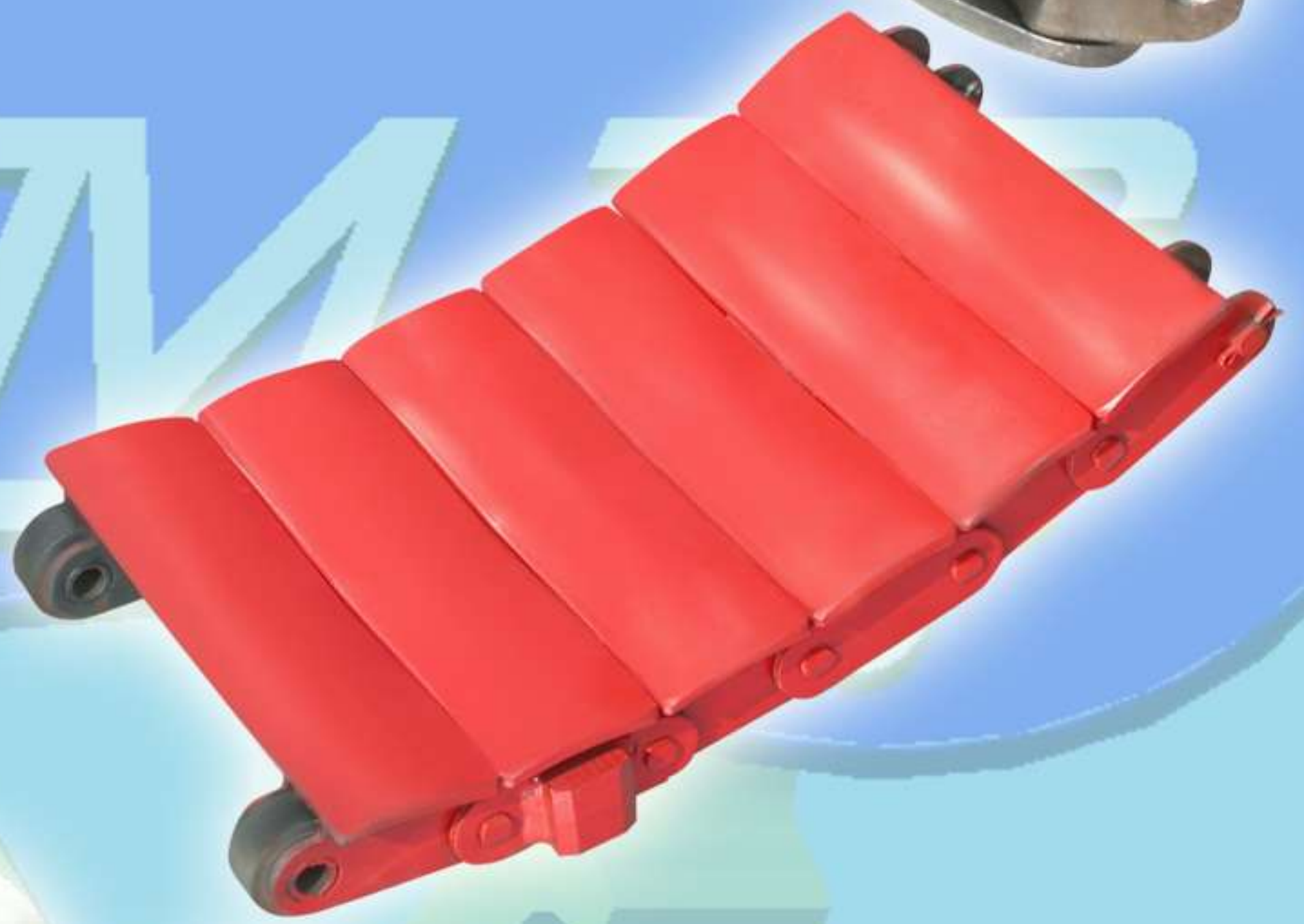


BURAYA ZİNCİR RESMİ TAKILACAK		<i>Harve Teilung Pitch</i>	<i>İç Genişlik Lichte Weite Width</i>	<i>Çatal İç Genişliği Aussenglied Innen Breite Outer Link Inner Width</i>	<i>Pim Ø</i>	<i>Bolzen Ø Pin Ø</i>	<i>Makara Ø Rollen Ø Roller Ø</i>	<i>Pim Boyu Bolzenlänge Pin Length</i>	<i>Kilit Pim Boyu V-Glied Bolzenlänge C-Link Pin Length</i>	<i>Bakla Genişliği Laschenhöhe Height of Plate Link</i>	<i>İç Bakla Kalınlığı Innenglied Staerke Thickness of Inner Link</i>	<i>Dış Bakla Kalınlığı Aussenglied Staerke Thickness of Outer Link</i>	<i>Kopma Yüklü Bruchkraft Breaking Load</i>
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	

BURAYA ZİNCİR RESMİ TAKILACAK		Harve Teillung Pitch									Pim Ø Bolzen Ø Pin Ø	
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	





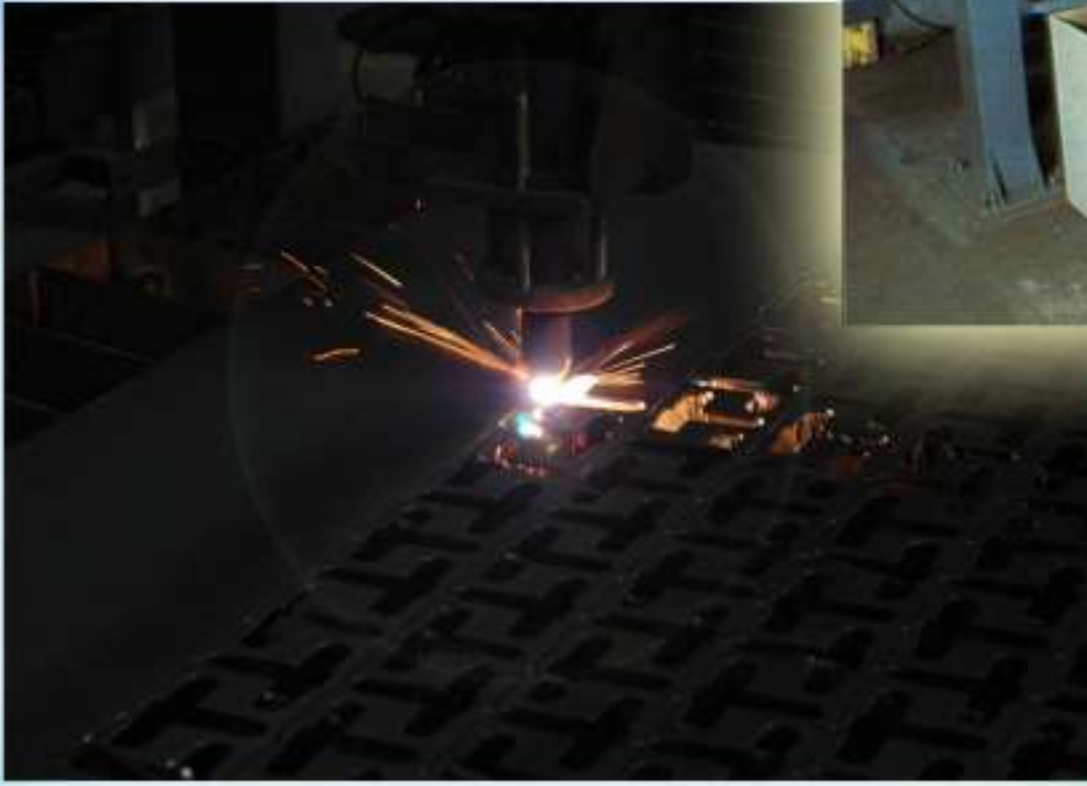
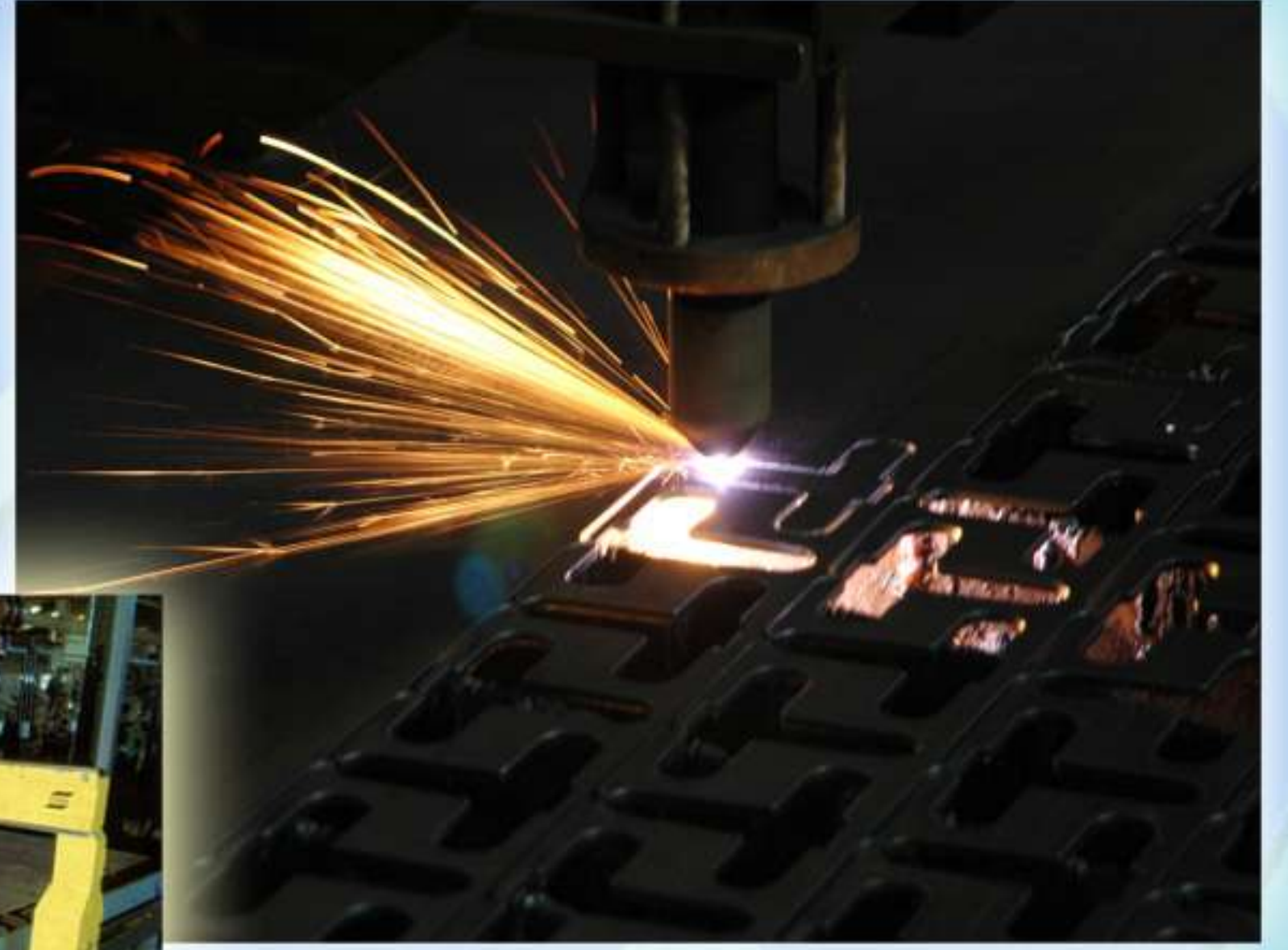




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