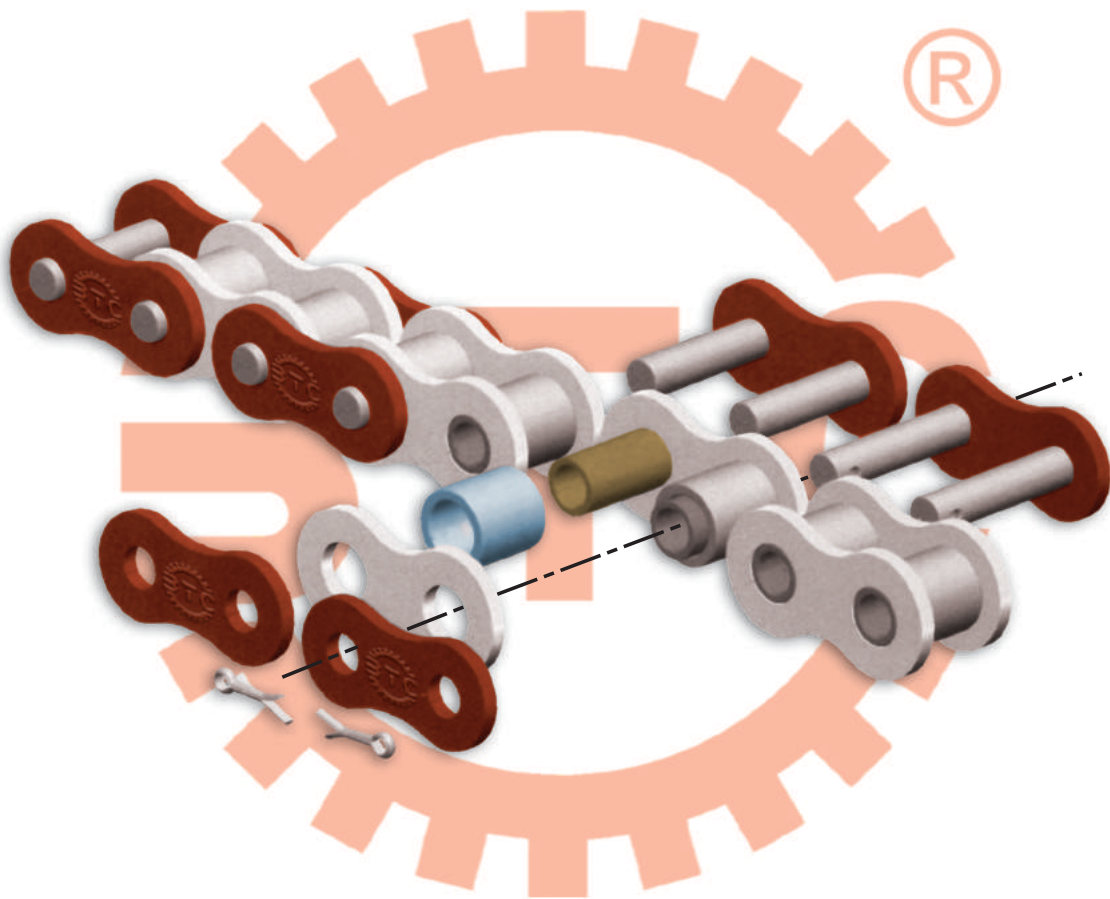


3 Transmissions

Roller chain



3 Transmissions

Chain parts and connecting parts of roller chains



RL
Roller link or inner link



RCL
Pin link
Press-fit



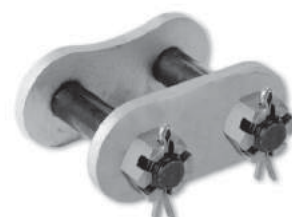
SP
Sideplate
Press-fit or slip-fit



SCL
Connecting link with spring clip, Slip-fit



CCL
Connecting link with cotter, Slip-fit



CCLM
Screwed connecting link



OL
One-pitch offset link with cotter



OLRL
Two-pitch offset link



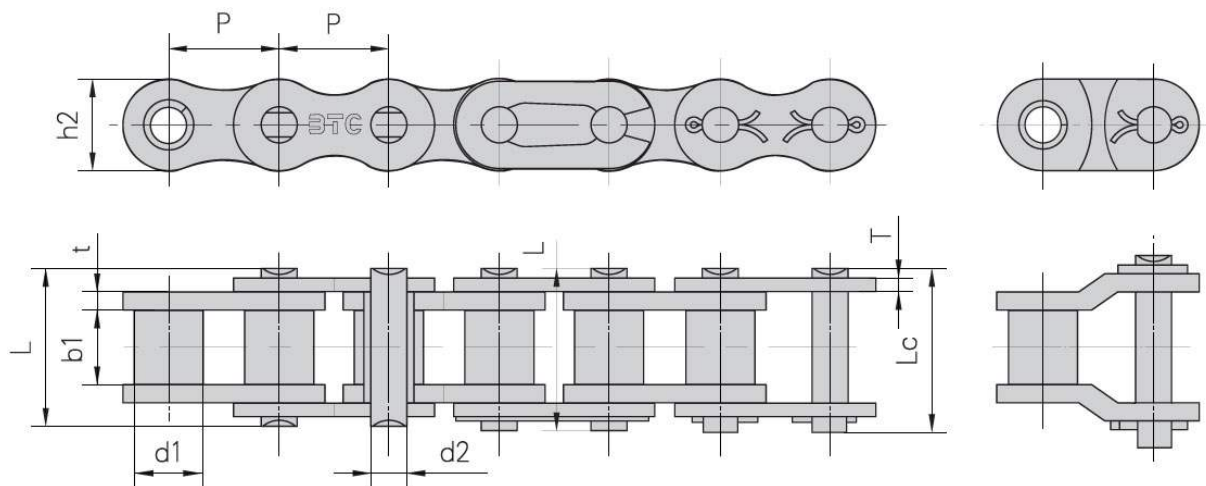
OLM
Screwed offset link

3 Transmissions

High precision roller chains DIN 8187

ISO 606 - European standard

Simplex



ISO ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
03-1	5,00	3,20	2,50	1,49	6,8	7,80	4,10	0,80	2,2/500	2,4	0,08
04-1	6,00	4,00	2,80	1,85	6,8	7,80	5,00	0,60	3,0/682	3,2	0,11
05B-1	8,00	5,00	3,00	2,31	8,2	8,90	7,10	0,80	5,0/1136	5,9	0,20
* 06B-1	9,525	6,35	5,72	3,28	13,2	14,10	8,20	1,30	9,0/2045	10,4	0,41
08B-1	12,70	8,51	7,75	4,45	16,7	18,20	11,80	1,60	18,0/4091	19,4	0,69
10B-1	15,875	10,16	9,65	5,08	19,5	20,90	14,70	1,70	22,4/5091	27,5	0,93
12B-1	19,05	12,07	11,68	5,72	22,5	24,20	16,00	1,85	29,0/6591	32,2	1,15
16B-1	25,40	15,88	17,02	8,28	36,1	37,40	21,00	4,15/3,1	60,0/13636	72,8	2,71
20B-1	31,75	19,05	19,56	10,19	41,3	45,00	26,40	4,5/3,5	95,0/21591	106,7	3,70
24B-1	38,10	25,40	25,40	14,63	53,4	57,80	33,20	6,0/4,8	160,0/36364	178,0	7,10
28B-1	44,45	27,94	30,99	15,90	65,1	69,50	36,70	7,5/6,0	200,0/45455	222,0	8,50
32B-1	50,80	29,21	30,99	17,81	66,0	71,00	42,00	7,0/6,0	250,0/56818	277,5	10,25
40B-1	63,50	39,37	38,10	22,89	82,2	89,20	52,96	8,5/8,0	355,0/80682	394,0	16,35
48B-1	76,20	48,26	45,72	29,24	99,1	107,00	63,80	12,0/10,0	560,0/127272	621,6	25,00
56B-1	88,90	53,98	53,34	34,32	114,6	123,00	77,80	13,5/12,0	850,0/193180	940,0	35,78
64B-1	101,60	63,50	60,96	39,40	130,0	138,50	90,17	15,0/13,0	112,0/254544	1240,0	46,00
72B-1	114,30	72,39	68,58	44,48	147,4	156,40	103,60	17,0/15,0	1400,0/318180	1550,0	60,80

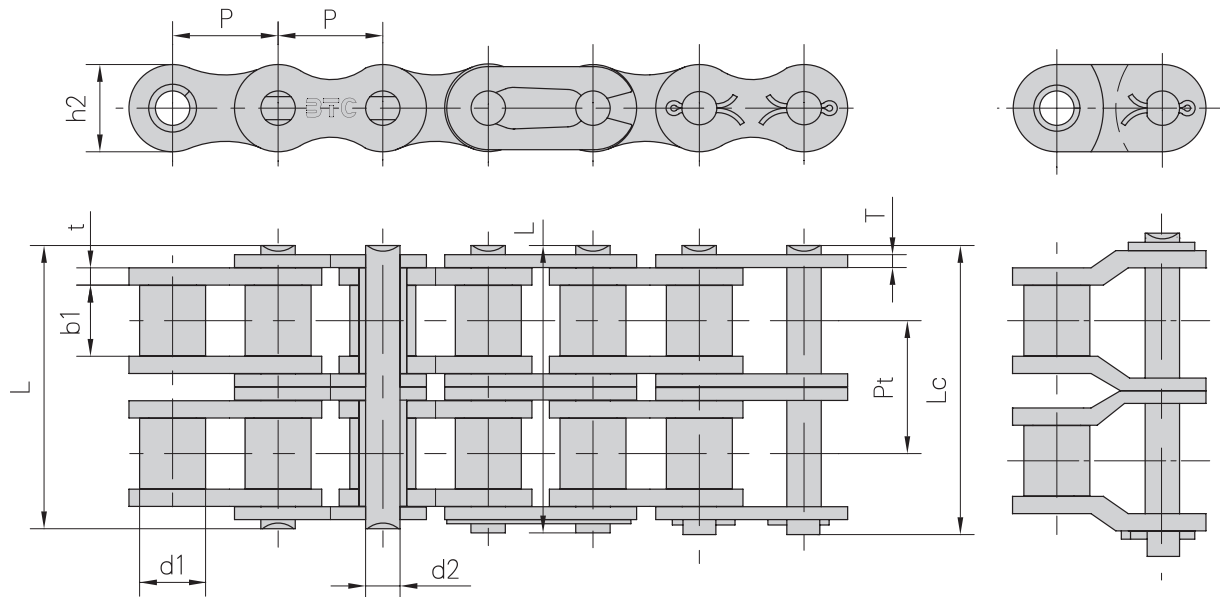
* Straight side plates

3 Transmissions

High precision roller chains DIN 8187

ISO 606 - European standard

Duplex



ISO ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Pt	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
04-2	6,00	4,00	2,80	1,85	10,5	12,80	5,00	0,60	5,50	5,5/1250	7,1	0,23
05B-2	8,00	5,00	3,00	2,31	13,9	14,50	7,10	0,80	5,64	7,8/1773	10,2	0,33
* 06B-2	9,525	6,35	5,72	3,28	23,4	24,40	8,20	1,30	10,24	16,9/3841	18,7	0,77
08B-2	12,70	8,51	7,75	4,45	31,2	32,20	11,80	1,60	13,92	44,5/10114	38,7	1,34
10B-2	15,875	10,16	9,65	5,08	36,1	37,50	14,70	1,70	16,59	57,8/13136	56,2	1,84
12B-2	19,05	12,07	11,68	5,72	42,0	43,60	16,00	1,85	19,46	106,0/24091	66,1	2,31
16B-2	25,40	15,88	17,02	8,28	68,0	69,30	21,00	4,15/3,1	31,88	170,0/38636	133,0	5,42
20B-2	31,75	19,05	19,56	10,19	77,8	81,50	26,40	4,5/3,5	36,45	280,0/63636	211,2	7,20
24B-2	38,10	25,40	25,40	14,63	101,7	106,20	33,20	6,0/4,8	48,36	360,0/81818	319,2	13,40
28B-2	44,45	27,94	30,99	15,90	124,6	129,10	36,70	7,5/6,0	59,56	450,0/102273	406,8	16,60
32B-2	50,80	29,21	30,99	17,81	124,6	129,60	42,00	7,0/6,0	58,55	630,0/143182	508,5	21,00
40B-2	63,50	39,37	38,10	22,89	154,5	161,50	52,96	8,5/8,0	72,29	1000,0/227272	711,9	32,00
48B-2	76,20	48,26	45,72	29,24	190,4	198,20	63,80	12,0/10,0	91,21	1600,0/363635	1130,0	50,00
56B-2	88,90	53,98	53,34	34,32	221,2	229,60	77,80	13,5/12,0	106,60	2000,0/454544	1760,0	71,48
64B-2	101,60	63,50	60,96	39,40	249,9	258,40	90,17	15,0/13,0	119,89	2500,0/568180	2200,0	91,00
72B-2	114,30	72,39	68,58	44,48	283,7	292,70	103,60	17,0/15,0	136,27	32,0/7273	2750,0	120,40

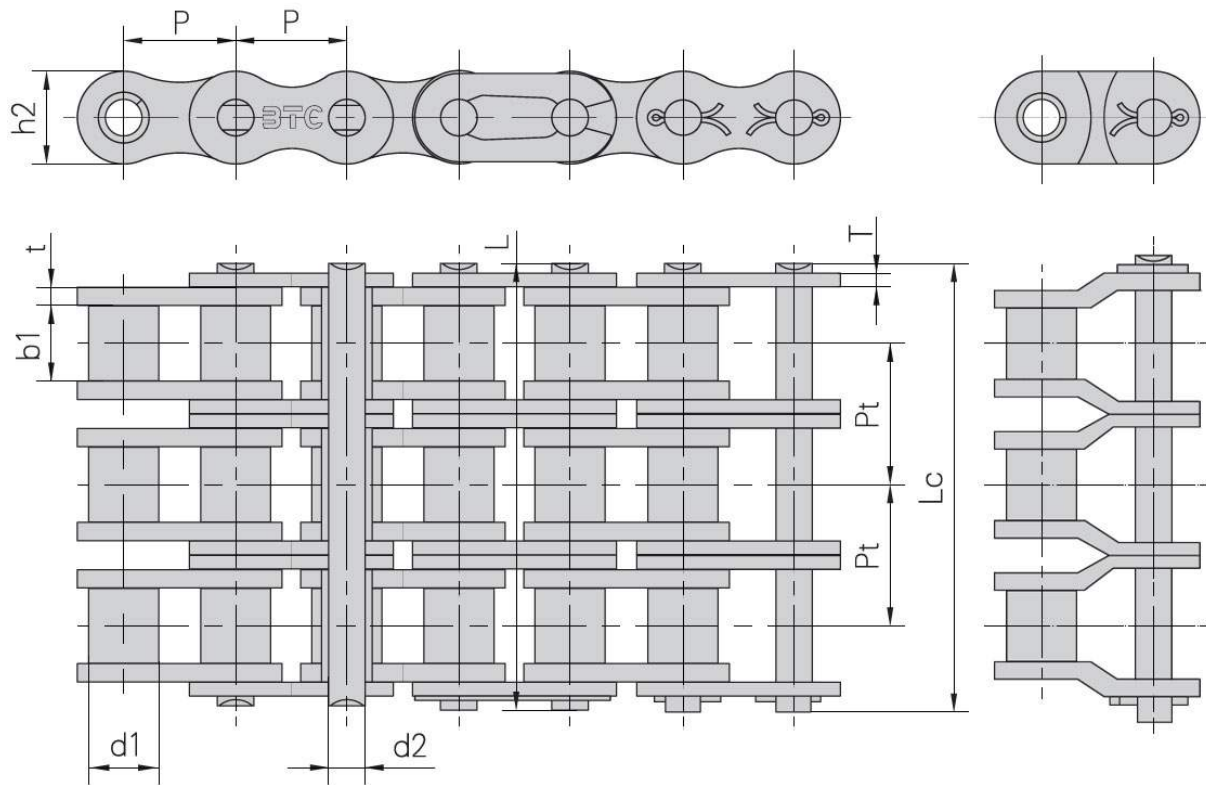
* Straight side plates

3 Transmissions

High precision roller chains DIN 8187

ISO 606 - European standard

Triplex



ISO ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Pt	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
05B-3	8,00	5,00	3,00	2,31	19,5	20,20	7,10	0,80	5,64	11,1/2523	13,8	0,48
* 06B-3	9,525	6,35	5,72	3,28	33,5	34,60	8,20	1,3	10,24	24,9/5659	30,1	1,16
08B-3	12,70	8,51	7,75	4,45	45,1	46,10	11,80	1,60	13,92	47,5/10795	57,8	2,03
10B-3	15,875	10,16	9,65	5,08	52,7	54,10	14,70	1,7	16,59	66,7/15159	84,5	2,77
12B-3	19,05	12,07	11,68	5,72	61,5	63,10	16,00	1,85	19,46	86,7/19705	101,8	3,46
16B-3	25,40	15,88	17,02	8,28	99,8	101,20	21,00	4,15/3,1	31,88	160,0/36364	203,7	8,13
20B-3	31,75	19,05	19,56	10,19	114,2	117,90	26,40	4,5/3,5	36,45	250,0/56818	290,0	10,82
24B-3	38,10	25,40	25,40	14,63	150,1	154,60	33,20	6,0/4,8	48,36	425,0/96591	493,0	20,10
28B-3	44,45	27,94	30,99	15,90	184,2	188,70	36,70	7,5/6,0	59,56	530,0/120454	609,5	24,92
32B-3	50,80	29,21	30,99	17,81	183,2	188,20	42,00	7,0/6,0	58,55	670,0/152273	770,5	31,56
40B-3	63,50	39,37	38,10	22,89	226,8	233,80	52,96	8,5/8,0	72,29	950,0/215909	1092,5	48,10
48B-3	76,20	48,26	45,72	29,24	281,6	289,40	63,80	12,0/10,0	91,21	1500,0/340909	1710,0	75,00
56B-3	88,90	53,98	53,34	34,32	327,8	336,20	77,80	13,5/12,0	106,60	2240,0/545450	2240,0	107,18
64B-3	101,60	63,50	60,96	39,40	369,8	378,30	90,17	15,0/13,0	119,89	3000,0/681820	3300,0	136,00
72B-3	114,30	72,39	68,58	44,48	420,0	429,00	103,60	17,0/15,0	136,27	3750,0/852270	4125,0	180,00

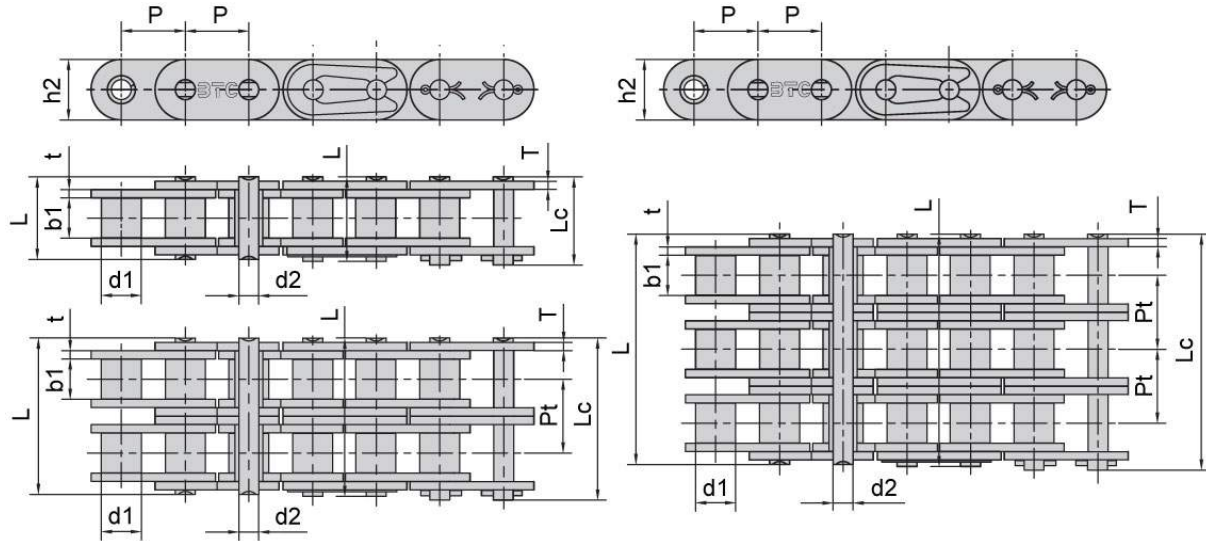
* Straight side plates

3 Transmissions

High precision roller chains DIN 8187

ISO 606 - European standard

Simplex, Duplex and Triplex



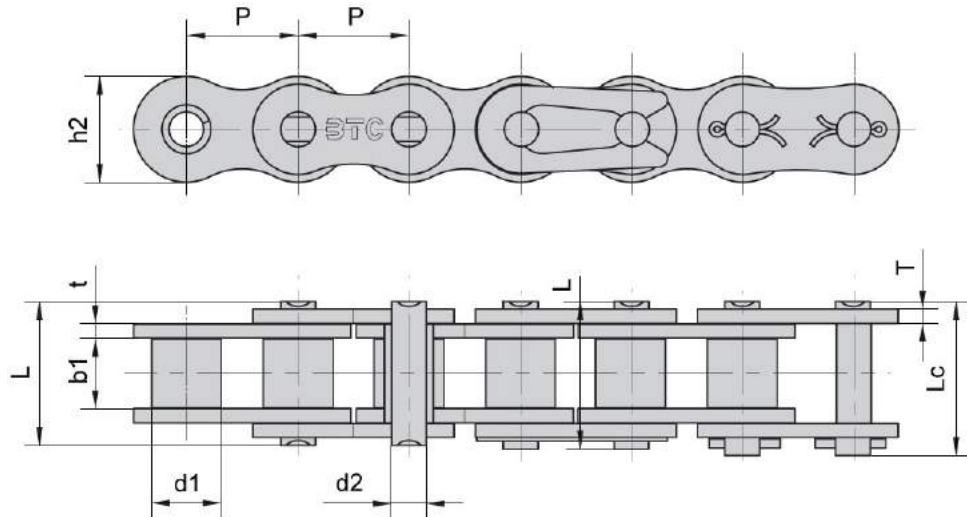
DIN ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Pt	F _B min	F _{BA}	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
GL08B-1	12,70	8,51	7,75	4,45	16,7	18,20	11,80	1,60		18,0/4091	19,5	0,80
GL10B-1	15,875	10,16	9,65	5,08	19,5	20,90	14,70	1,7		22,4/5091	27,9	1,06
GL12B-1	19,05	12,07	11,68	5,72	22,5	25,20	16,00	1,85		29,0/6591	32,2	1,32
GL16B-1	25,40	15,88	17,02	8,28	36,1	39,10	21,0/24,0	4,15/3,1		60,0/13636	72,8	3,08/3,49
GL20B-1	31,75	19,05	19,56	10,19	41,3	45,00	26,40	4,5/3,5		95,0/21591	106,7	4,16
GL24B-1	38,10	25,40	25,40	14,63	53,4	57,80	33,20	6,0/4,8		160,0/36364	178,0	7,47
GL28B-1	44,45	27,94	30,99	15,90	65,1	69,50	36,70	7,5/6,0		200,0/45455	222,0	9,90
GL32B-1	50,80	29,21	30,99	17,81	66,0	71,00	42,00	7,0/6,0		250,0/56818	277,5	10,45
GL08B-2	12,70	8,51	7,75	4,45	31,2	32,20	11,80	1,60	13,92	32,0/7273	38,7	1,45
GL10B-2	15,875	10,16	9,65	5,08	36,1	37,50	14,70	1,7	16,59	44,5/10114	57,8	2,00
GL12B-2	19,05	12,07	11,68	5,72	42,0	44,70	16,00	1,85	19,46	57,8/13136	66,1	2,62
GL16B-2	25,40	15,88	17,02	8,28	68,0	71,00	21,0/24,0	4,15/3,1	31,88	106,0/24091	133,0	6,10/6,92
GL20B-2	31,75	19,05	19,56	10,19	77,8	81,50	26,40	4,5/3,5	36,45	170,0/38636	211,2	8,23
GL24B-2	38,10	25,40	25,40	14,63	101,7	106,20	33,20	6,0/4,8	48,36	280,0/63636	319,2	14,77
GL28B-2	44,45	27,94	30,99	15,90	124,6	129,10	36,70	7,5/6,0	59,56	360,0/81818	406,8	19,82
GL32B-2	50,80	29,21	30,99	17,81	124,6	129,60	42,00	7,0/6,0	58,55	450,0/102273	508,5	20,94
GL08B-3	12,70	8,51	7,75	4,45	45,1	46,10	11,80	1,60	13,92	47,5/10795	57,8	2,10
GL10B-3	15,875	10,16	9,65	5,08	52,7	54,10	14,70	1,7	16,59	66,7/15159	84,5	2,87
GL12B-3	19,05	12,07	11,68	5,72	61,5	64,20	16,00	1,85	19,46	86,7/19705	101,8	3,89
GL16B-3	25,40	15,88	17,02	8,28	99,8	102,90	21,0/24,0	4,15/3,1	31,88	160,0/36364	203,7	9,12/10,34
GL20B-3	31,75	19,05	19,56	10,19	114,2	117,90	26,40	4,5/3,5	36,45	250,0/56818	290,0	11,34
GL24B-3	38,10	25,40	25,40	14,63	150,1	154,60	33,20	6,0/4,8	48,36	425,0/96591	493,0	22,10
GL28B-3	44,45	27,94	30,99	15,90	184,2	188,70	36,70	7,5/6,0	59,56	530,0/120454	609,5	29,64
GL32B-3	50,80	29,21	30,99	17,81	183,2	188,20	42,00	7,0/6,0	58,55	670,0/152273	770,5	31,27

3 Transmissions

High precision roller chains DIN 8187

ISO 606 - European standard

Heavy duty



Chain ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1	b1	d2	L	Lc	h2	t/T	F _B	F _{BA}	q
		max	min	max	max	max	max	max	min	min	
	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
04BH	6,00	4,00	2,80	1,85	8,4	9,40	5,00	0,90	5,00/1136	5,3	0,14
453	9,525	6,00	3,30	2,78	9,6	12,70	9,00	1,08	7,2/1637	8,2	0,26
454	9,525	6,35	3,94	3,28	11,6	14,90	9,00	1,38	8,25/1875	9,4	0,36
081/331	12,70	7,75	3,30	3,66	10,2	11,70	9,90	1,25	8,00/1818	9,1	0,28
082/110	12,70	7,75	2,38	3,66	8,2	9,70	9,90	1,11	8,80/2000	10,0	0,26
083/415B	12,70	7,75	4,88	4,09	12,9	14,40	10,30	1,3	12,00/2727	14,2	0,45
084	12,70	7,75	4,88	4,09	14,8	16,30	11,10	1,95	10,55/2398	12,0	0,60
085/41	12,70	7,77	6,38	3,58	14,0	16,00	9,90	1,35	10,12/2300	11,5	0,38
5L/332	12,70	7,75	4,88	3,66	11,2	12,70	9,90	1,16	8,00/1818	9,1	0,33
428HSH	12,70	8,51	7,85	4,45	20,0	21,45	11,80	2,42	27,00/6070	23,4	0,79
RE217/423	12,70	8,51	6,40	4,45	15,4	18,90	11,60	1,70	19,60/4455	21,9	0,71
RE317/520F3	15,875	10,16	6,48	5,08	17,5	19,00	15,09	2,03	26,50/6022	29,7	0,89
RE425/515	19,05	12,07	13,50	5,72	28,6	31,30	16,20	3,00	33,50/7615	37,5	1,60
12BH	19,05	12,07	11,68	5,94	25,2	26,80	16,00	2,42	40,00/9090	44,8	1,45
RE480/12BV	19,05	12,07	11,68	6,10	24,5	26,50	16,00	2,42	40,00/9090	44,8	1,45
12BF14	19,05	12,07	30,56	5,72	42,0	43,60	16,00	1,85	29,00/6591	32,2	2,13
RE487	20,00	12,00	16,00	6,00	32,1	35,90	19,00	3,25	35,50/8070	39,8	2,00
HE488	20,00	12,00	16,00	8,00	32,5	37,30	19,00	3,25	35,50/8070	39,8	2,00
RE514	25,40	14,00	12,70	7,00	27,3	33,10	19,70	3,20	45,00/10230	49,9	1,74
RE516/16BF5	25,40	15,88	12,70	8,28	30,8	32,10	20,00	3,5/3,0	50,00/11364	57,5	2,37
RE519/16BH	25,40	15,88	17,02	8,90	35,7	38,90	24,10	4,0/3,1	80,00/18182	94,2	3,11
*RZ519	25,40	15,88	17,02	8,90	67,8	72,00	24,10	4,0/3,1	160,00/36370	179,2	6,25
RE525	25,40	12,70	12,70	7,00	27,4	32,50	20,80	3,10	45,00/10230	49,7	1,59
RE626/552	30,00	15,88	17,02	8,28	35,5	41,90	20,50	4,1	63,00/14320	70,5	2,33
R38SH/24BH	38,10	25,40	25,40	14,63	58,6	63,40	36,20	7,5/6,0	225,00/51136	250,3	9,00
R44SH	44,45	27,94	30,99	15,90	66,3	71,10	40,80	8,5/7,0	270,00/61370	299,7	9,80

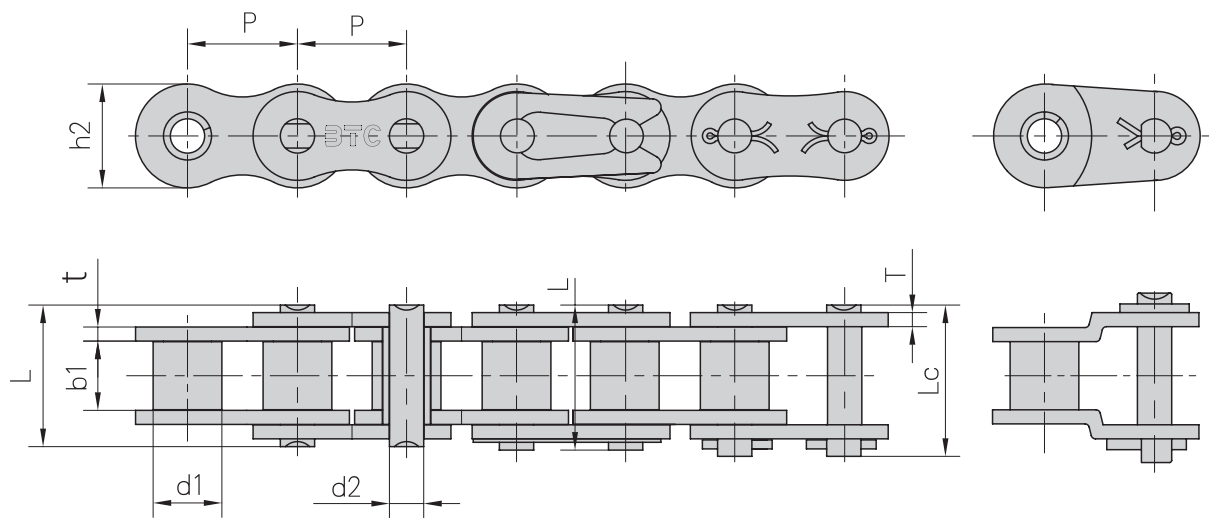
* Duplex heavy duty chain

3 Transmissions

High precision roller chains - DIN 8188

ANSI - American standard

Simplex



DIN ref.	ANSI ref.	Pitch	Roller diameter	Width between inner plates		Pin length		Inner plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
		P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	F _B min	F _{BA}	q
		mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
*03C	*15	4,763	2,48	2,38	1,62	6,10	6,90	4,30	0,60	1,80/409	2,0	0,08
*04C-1	*25	6,350	3,30	3,18	2,31	7,90	8,40	9,00	0,80	3,50/795	4,6	0,15
*06C-1	*35	9,525	5,08	4,77	3,58	12,40	13,17	9,91	1,30	7,90/1795	10,8	0,33
085-1	41	12,700	7,77	6,25	3,58	13,75	15,00	12,00	1,30	6,67/1516	12,6	0,41
08A-1	40	12,700	7,95	7,85	3,96	16,60	17,80	15,09	1,50	14,10/3205	17,5	0,62
10A-1	50	15,875	10,16	9,40	5,08	20,70	22,20	18,00	2,03	22,20/5045	29,4	1,02
12A-1	60	19,050	11,91	12,57	5,94	25,90	27,70	24,00	2,42	31,80/7227	41,5	1,50
16A-1	80	25,400	15,88	15,75	7,92	32,70	35,00	30,00	3,25	56,70/12886	69,4	2,60
20A-1	100	31,750	19,05	18,90	9,53	40,40	44,70	35,70	4,00	88,50/20114	109,2	3,91
24A-1	120	38,100	22,23	25,22	11,10	50,30	54,30	41,00	4,80	127,00/28864	156,3	5,62
28A-1	140	44,450	25,40	25,22	12,70	54,40	59,00	47,80	5,60	172,40/39182	212,0	7,50
32A-1	160	50,800	28,58	31,55	14,27	64,80	69,60	53,60	6,40	226,80/51545	278,9	10,10
36A-1	180	57,150	35,71	35,48	17,46	72,80	78,60	60,00	7,20	280,20/63682	341,8	13,45
40A-1	200	63,500	39,68	37,85	19,85	80,30	87,20	72,39	8,00	353,80/80409	431,6	16,15
48A-1	240	76,200	47,63	47,35	23,81	95,50	103,00	4,30	9,50	510,30/115977	622,5	23,20

* Bushing chain: d1 in the table indicate the external diameter of the bushing.

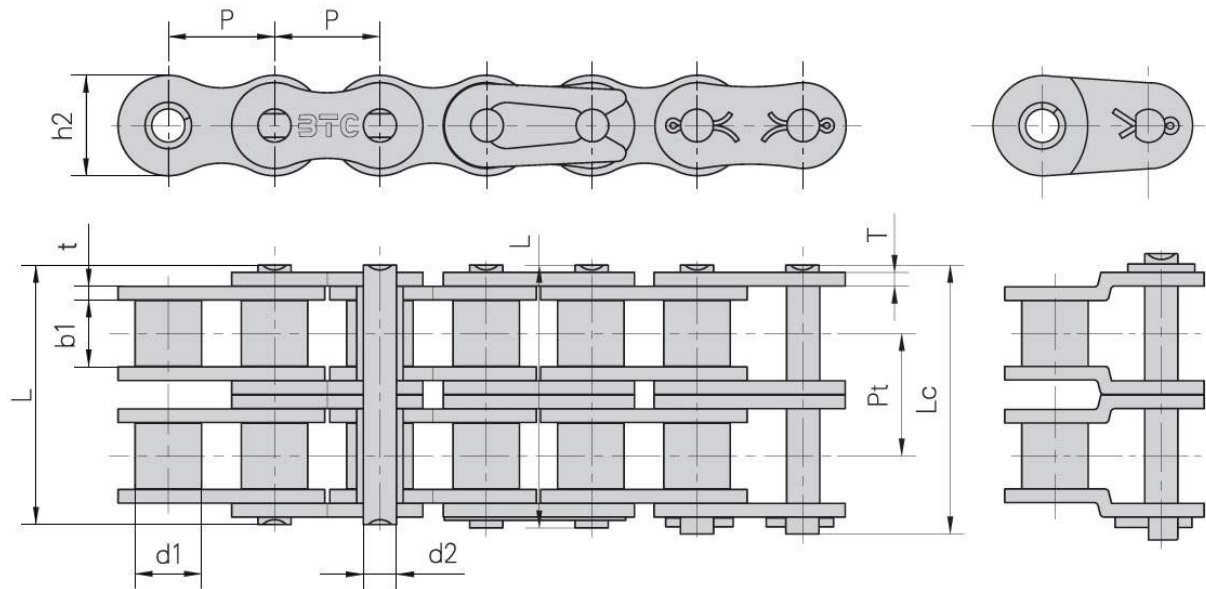
All these types are also available in cottered execution.

3 Transmissions

High precision roller chains - DIN 8188

ANSI - American standard

Duplex



DIN ref.	ANSI ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
		p	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt	F _B min	F _{BA}	q
		mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
*04C-2	*25-2	6,35	3,30	3,18	2,31	14,5	15,00	6,00	0,80	6,40	7,00/1591	8,6	0,28
06C-2	*35-2	9,53	5,08	4,77	3,58	22,5	23,30	9,00	1,30	10,13	15,80/3591	19,7	0,63
085-2	41-2	12,70	7,77	6,25	3,58	25,7	26,90	9,91	1,30	11,95	13,34/3032	16,9	0,81
08A-2	40-2	12,70	7,95	7,85	3,96	31,0	32,20	12,00	1,50	14,38	28,20/6409	35,9	1,12
10A-2	50-2	15,875	10,16	9,40	5,08	38,9	40,40	15,09	2,03	18,11	44,40/10091	58,1	2,00
12A-2	60-2	19,05	11,91	12,57	5,94	48,8	50,50	18,00	2,42	22,78	63,60/14455	82,1	2,92
16A-2	80-2	25,40	15,88	15,75	7,92	62,7	64,30	24,00	3,25	29,29	113,40/25773	141,8	5,15
20A-2	100-2	31,75	19,05	18,90	9,53	76,4	80,50	30,00	4,00	35,76	177,00/40227	219,4	7,80
24A-2	120-2	38,10	22,23	25,22	11,10	95,8	99,70	35,70	4,80	45,44	254,00/57727	314,9	11,70
28A-2	140-2	44,45	25,40	25,22	12,70	103,3	107,90	41,00	5,60	48,87	344,80/78364	427,5	15,14
32A-2	160-2	50,80	28,58	31,55	14,27	123,3	128,10	47,80	6,40	58,55	453,60/103091	562,4	20,14
36A-2	180-2	57,15	35,71	35,48	17,46	138,6	144,40	53,60	7,20	65,84	560,50/127386	695,0	29,22
40A-2	200-2	63,50	39,68	37,85	19,85	151,9	158,80	60,00	8,00	71,55	707,60/160818	877,4	32,24
48A-2	240-2	76,20	47,63	47,35	23,81	183,4	190,80	72,39	9,50	87,83	1020,60/213955	1255,3	45,23

* Bushing chain: d1 in the table indicate the external diameter of the bushing.

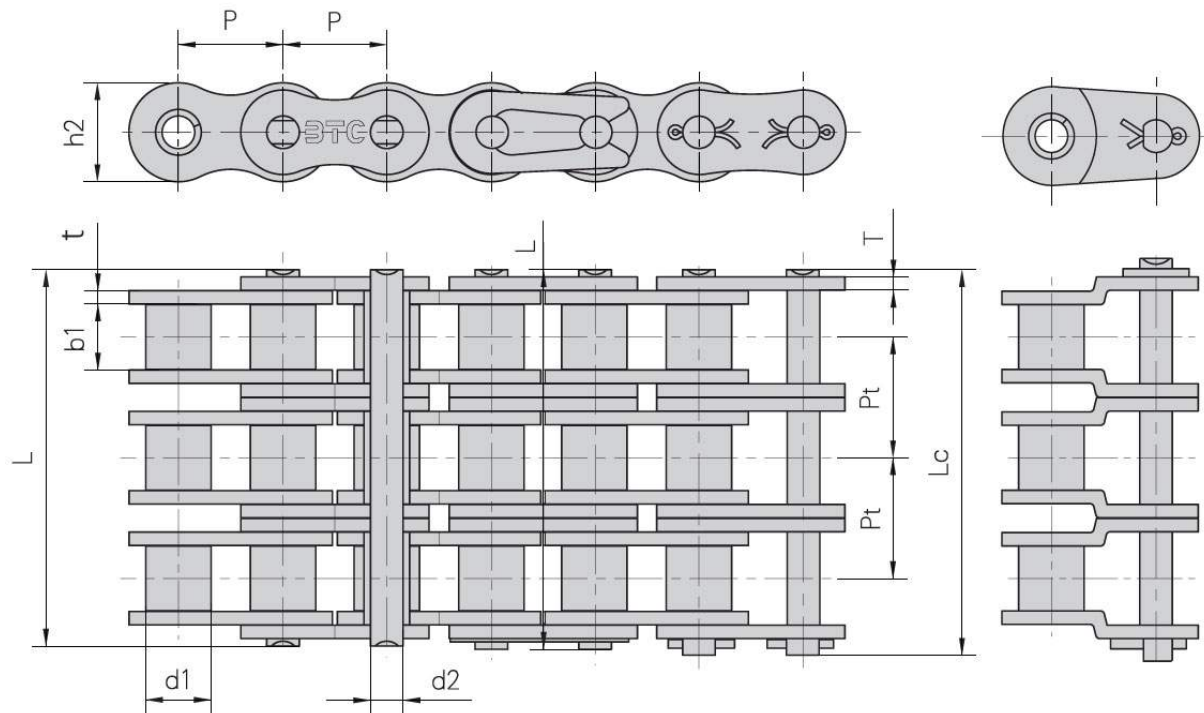
All these types are also available in cottered execution.

3 Transmissions

High precision roller chains - DIN 8188

ANSI - American standard

Triplex



DIN ref.	ANSI ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
		P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Pt	F _B min	F _{BA}	q
		mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
*04C-3	*25-3	6,35	3,30	3,18	2,31	21,0	21,50	6,00	0,80	6,40	10,5/2386	12,6	0,44
*06C-3	*35-3	9,53	5,08	4,77	3,58	32,7	33,50	9,00	1,30	10,13	23,7/5386	28,6	1,05
08A-3	40-3	12,70	7,95	7,85	3,96	45,4	46,60	12,00	1,50	14,38	42,3/9614	50,0	1,90
10A-3	50-3	15,875	10,16	9,40	5,08	57,0	58,50	15,09	2,03	18,11	66,6/15136	77,8	3,09
12A-3	60-3	19,05	11,91	12,57	5,94	71,5	73,30	18,00	2,42	22,78	95,4/21682	111,1	4,54
16A-3	80-3	25,40	15,88	15,75	7,92	91,7	93,60	24,00	3,25	29,29	170,1/38659	198,4	7,89
20A-3	100-3	31,75	19,05	18,90	9,53	112,2	116,30	30,00	4,00	35,76	265,5/60341	309,6	11,77
24A-3	120-3	38,10	22,23	25,22	11,10	141,4	145,20	35,70	4,80	45,44	381,0/86591	437,2	17,53
28A-3	140-3	44,45	25,40	25,22	12,70	152,2	156,80	41,00	5,60	48,87	517,2/117545	593,3	22,20
32A-3	160-3	50,80	28,58	31,55	14,27	181,8	186,60	47,80	6,40	58,55	680,4/154636	780,6	30,02
36A-3	180-3	57,15	35,71	35,48	17,46	204,4	210,20	53,60	7,20	65,84	840,7/191068	983,6	38,22
40A-3	200-3	63,50	39,68	37,85	19,85	223,5	230,40	60,00	8,00	71,55	1061,4/241227	1217,8	49,03
48A-3	240-3	76,20	47,63	47,35	23,81	271,3	278,60	72,39	9,50	87,83	1530,9/347932	1756,5	71,60

*Bushing chain: d1 in the table indicate the external diameter of the bushing.

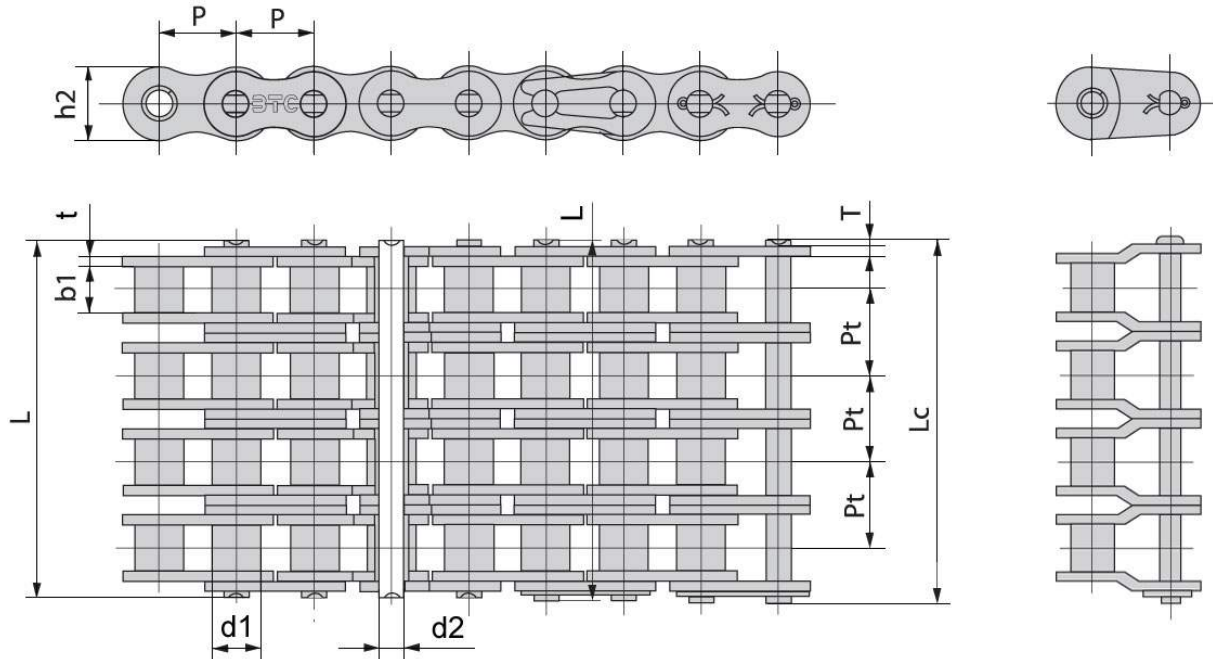
All these types are also available in cottered execution.

3 Transmissions

High precision roller chains - DIN 8188

ANSI - American standard

Multiple



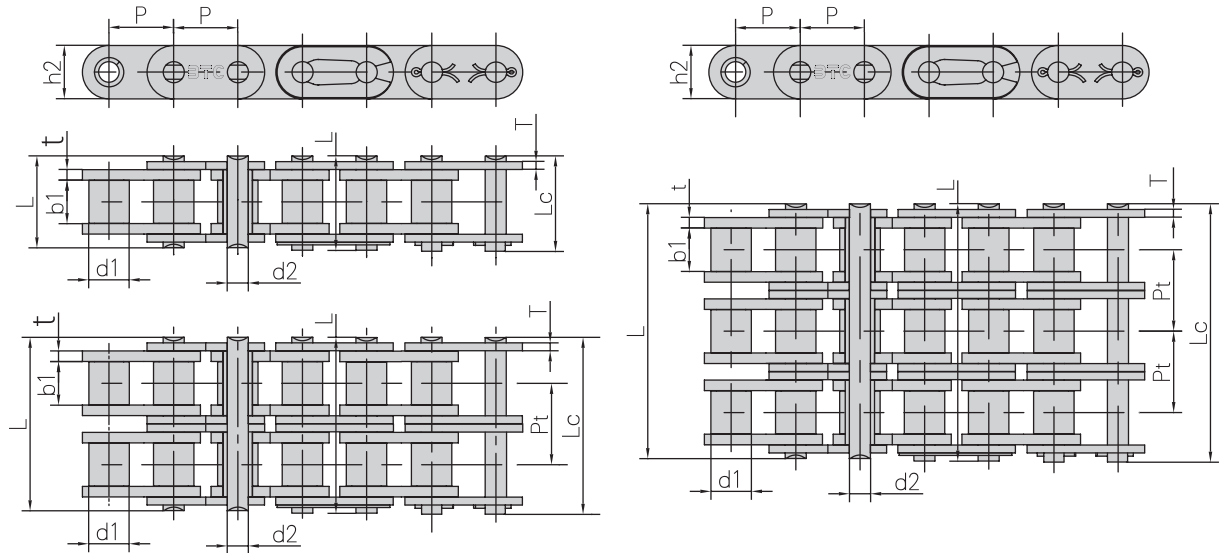
DIN ref.	ANSI ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
		P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Pt	F _B min	F _{BA}	q
		mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
08A-4	40-4	12,70	7,95	7,85	3,96	59,80	61,00	12,00	1,50	14,38	56,4/12687	62,04	2,57
10A-4	50-4	15,875	10,16	9,40	5,08	75,10	76,60	15,09	2,03	18,11	88,8/19976	97,68	4,30
12A-4	60-4	19,05	11,91	12,57	5,94	94,40	96,10	18,00	2,42	22,78	127,2/28614	139,92	6,21
16A-4	80-4	25,40	15,88	15,75	7,92	121,00	124,40	24,00	3,25	29,29	226,8/51020	249,48	10,37
20A-4	100-4	31,75	19,05	18,90	9,63	147,80	152,10	30,00	4,00	35,76	354/79635	389,40	15,60
24A-4	120-4	38,10	22,23	25,22	11,10	187,00	190,80	36,70	4,80	45,44	508/114278	558,80	23,56
08A-5	40-5	12,70	7,95	7,85	3,96	74,20	75,40	12,00	1,50	14,38	70,5/15859	77,55	3,19
10A-5	50-5	15,875	10,16	9,40	5,08	93,20	94,70	15,09	2,03	18,11	111/24970	122,10	5,37
12A-5	60-5	19,05	11,91	12,57	5,94	117,00	118,80	18,00	2,42	22,78	159/35768	174,90	7,75
16A-5	80-5	25,40	15,88	15,75	7,92	149,90	153,70	24,00	3,25	29,29	283,5/63775	311,85	12,96
20A-5	100-5	31,75	19,05	18,90	9,63	183,60	187,90	30,00	4,00	35,76	442,5/99543	486,75	19,46
24A-5	120-5	38,10	22,23	25,22	11,10	232,30	236,10	35,70	4,80	45,44	635/142848	698,50	29,40
08A-6	40-6	12,70	7,95	7,85	3,96	88,50	89,80	12,00	1,50	14,38	84,6/19,31	93,06	3,83
10A-6	50-6	15,875	10,16	9,40	5,08	111,30	112,80	15,09	2,03	18,11	133,2/29964	146,52	6,43
12A-6	60-6	19,05	11,91	12,57	5,94	139,80	141,80	18,00	2,42	22,78	190,8/42921	209,80	9,31
16A-6	80-6	25,40	15,88	15,75	7,92	179,20	183,00	24,00	3,25	29,29	340,2/76530	374,22	15,50
20A-6	100-6	31,75	19,05	18,90	9,63	219,40	223,70	30,00	4,00	35,76	531/119452	584,10	23,36
24A-6	120-6	38,10	22,23	25,22	11,10	278,00	282,00	35,70	4,80	45,44	762/171417	838,20	35,30
08A-8	40-8	12,70	7,95	7,85	3,96	117,30	118,50	12,00	1,50	14,38	112,8/25375	124,08	5,11
10A-8	50-8	15,875	10,16	9,40	5,08	147,50	149,00	15,09	2,03	18,11	117,6/39952	195,36	8,59
12A-8	60-8	19,05	11,91	12,57	5,94	185,80	187,60	18,00	2,42	22,78	254,4/57229	279,84	12,37
16A-8	80-8	25,40	15,88	15,75	7,92	237,80	241,60	24,00	3,25	29,29	453,6/102040	498,96	20,67
20A-8	100-8	31,75	19,05	18,90	9,63	290,80	295,10	30,00	4,00	35,76	708/159270	778,80	31,14
24A-8	120-8	38,10	22,23	25,22	11,10	368,80	372,80	35,70	4,80	45,44	1016/228557	1176,00	47,07

3 Transmissions

Straight side plates roller chains - DIN 8188

ANSI - American standard

Simplex, Duplex and Triplex



DIN ref.	ANSI ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
		P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Pt	F _B min	F _{BA}	q
		mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
GL06A-1	*C35-1	9,525	5,08	4,77	3,58	13,30	14,30	9,00	1,30		7,9/1795	10,8	0,41
GL08A-1	C40-1	12,700	7,95	7,85	3,96	16,60	18,80	12,00	1,50		14,1/3273	17,5	0,73
GL10A-1	C50-1	15,875	10,16	9,40	5,08	20,70	23,30	15,09	2,03		22,2/5045	29,4	1,23
GL12A-1	C60-1	19,050	11,91	12,57	5,94	25,90	28,30	18,0/18,2	2,42		31,8/7227	41,5	1,81/1,83
GL16A-1	C80-1	25,400	15,88	15,75	7,92	32,70	36,50	24,00	3,25		56,7/12886	69,4	3,09
GL20A-1	C100-1	31,750	19,05	18,90	9,53	40,40	44,70	30,00	4,00		88,5/20114	109,2	4,56
GL24A-1	C120-1	38,100	22,23	25,22	11,10	50,30	54,30	35,70	4,80		127,0/28864	156,3	6,86
GL28A-1	C140-1	44,450	25,40	25,22	12,70	54,40	59,00	41,00	5,60		172,4/39182	212,0	8,49
GL32A-1	C160-1	50,800	28,58	31,55	14,27	64,80	69,60	47,80	6,40		226,8/51545	278,9	11,50
GL08A-2	C40-2	12,700	7,95	7,85	3,96	31,00	33,20	12,00	1,50	14,38	1646939	35,9	1,43
GL10A-2	C50-2	15,875	10,16	9,40	5,08	38,90	41,40	15,09	2,03	18,11	44,4/10091	58,1	2,42
GL12A-2	C60-2	19,050	11,91	12,57	5,94	48,80	51,10	18,0/18,2	2,42	22,78	63,6/14455	82,1	3,58/3,62
GL16A-2	C80-2	25,400	15,88	15,75	7,92	62,70	65,80	24,00	3,25	29,29	113,4/25773	141,8	6,12
GL20A-2	C100-2	31,750	19,05	18,90	9,53	76,40	80,50	30,00	4,00	35,76	177,0/40227	219,4	9,08
GL24A-2	C120-2	38,100	22,23	25,22	11,10	95,80	99,70	35,70	4,80	45,44	254,0/57727	314,9	13,60
GL28A-2	C140-2	44,450	25,40	25,22	12,70	103,30	107,90	41,00	5,60	48,87	344,8/78364	427,5	16,86
GL32A-2	C160-2	50,800	28,58	31,55	14,27	123,30	128,10	47,80	6,40	58,55	453,6/103091	562,4	22,90
GL08A-3	C40-3	12,700	7,95	7,85	3,96	45,40	47,60	12,00	1,50	14,38	42,3/9614	50,0	2,14
GL10A-3	C50-3	15,875	10,16	9,40	5,08	57,00	59,50	15,09	2,03	18,11	66,6/15136	77,8	3,62
GL12A-3	C60-3	19,050	11,91	12,57	5,94	71,50	73,90	18,0/18,2	2,42	22,78	95,4/21682	111,1	5,36/5,41
GL16A-3	C80-3	25,400	15,88	15,75	7,92	91,70	95,10	24,00	3,25	29,29	170,1/38659	198,4	9,10
GL20A-3	C100-3	31,750	19,05	18,90	9,53	112,20	116,30	30,00	4,00	35,76	265,5/60341	309,6	13,60
GL24A-3	C120-3	38,100	22,23	25,22	11,10	141,40	145,20	35,70	4,80	45,44	381,0/86591	437,2	20,43
GL28A-3	C140-3	44,450	25,40	25,22	12,70	152,20	156,80	41,00	5,60	48,87	517,2/117545	593,3	25,23
GL32A-3	C160-3	50,800	28,58	31,55	14,27	181,80	186,60	47,80	6,40	58,55	680,4/154636	780,6	34,19

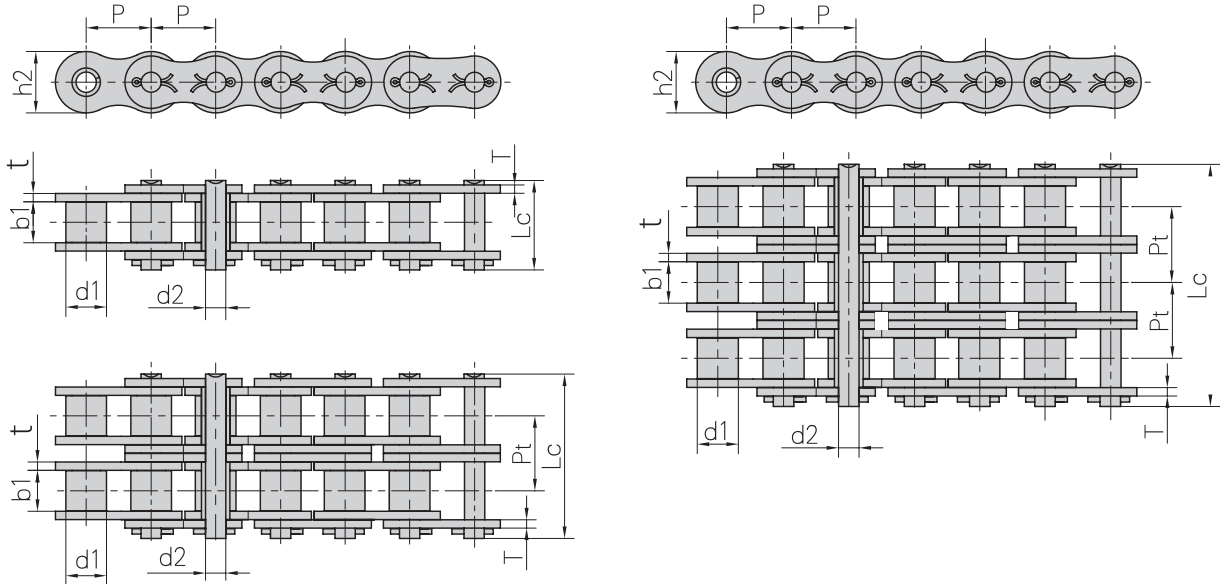
*Bushing chain: d1 in the table indicate the external diameter of the bushing

3 Transmissions

Heavy duty roller chains - DIN 8188

ANSI - American standard - Cottered or riveted

Simplex, Duplex and Triplex



DIN ref.	ANSI ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
		P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Pt	F _B min	F _{BA}	q
		mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
10AH-1	50H-1	15,875	10,16	9,40	5,08	24,4	14,30	15,09	2,42		22,2/5045	30,2	1,25
12AH-1	60H-1	19,05	11,91	12,57	5,94	31,6	18,80	18,00	3,25		31,8/7227	42,7	1,87
16AH-1	80H-1	25,40	15,88	15,75	7,92	39,4	23,30	24,00	4,00		56,7/12886	71,4	3,10
20AH-1	100H-1	31,75	19,05	18,90	9,53	46,9	28,30	30,00	4,80		88,5/20114	112,4	4,52
24AH-1	120H-1	38,10	22,23	25,22	11,10	57,5	36,50	35,70	5,60		127,0/28864	160,9	6,60
28AH-1	140H-1	44,45	25,40	25,22	12,70	62,2	44,70	41,00	6,40		172,4/39182	217,3	8,30
32AH-1	160H-1	50,80	28,58	31,55	14,27	73,0	54,30	47,80	7,20		226,8/51545	285,8	10,30
40AH-1	200H-1	63,50	39,68	37,85	19,85	93,5	59,00	60,00	9,50		353,8/80409	444,5	19,16
12AH-2	60H-2	19,05	11,91	12,57	5,94	57,7	69,60	18,00	3,25	26,11	63,6/14454	84,5	3,71
16AH-2	80H-2	25,40	15,88	15,75	7,92	72,0	33,20	24,00	4,00	32,59	113,4/25773	145,3	6,15
20AH-2	100H-2	31,75	19,05	18,90	9,53	86,0	41,40	30,00	4,80	39,09	177,0/40227	225,9	9,03
24AH-2	120H-2	38,10	22,23	25,22	11,10	106,4	51,10	35,70	5,60	48,87	254,0/57727	322,7	13,13
28AH-2	140H-2	44,45	25,40	25,22	12,70	114,4	65,80	41,00	6,40	52,20	344,8/78364	437,7	16,60
32AH-2	160H-2	50,80	28,58	31,55	14,27	134,9	80,50	47,80	7,20	61,90	453,6/103091	571,6	20,20
40AH-2	200H-2	63,50	39,68	37,85	19,85	171,8	99,70	60,00	9,50	78,31	707,6/160818	894,9	38,11
12AH-3	60H-3	19,05	11,91	12,57	5,94	83,8	107,90	18,00	3,25	26,11	95,4/21682	113,9	5,54
16AH-3	80H-3	25,40	15,88	15,75	7,92	104,6	128,10	24,00	4,00	32,59	170,1/38659	203,5	9,42
20AH-3	100H-3	31,75	19,05	18,90	9,53	125,1	47,60	30,00	4,80	39,09	265,5/60341	314,8	12,96
24AH-3	120H-3	38,10	22,23	25,22	11,10	155,2	59,50	35,70	5,60	48,87	381,0/86591	444,7	19,64
28AH-3	140H-3	44,45	25,40	25,22	12,70	166,6	73,90	41,00	6,40	52,20	517,2/117545	598,4	24,90
32AH-3	160H-3	50,80	28,58	31,55	14,27	196,8	95,10	47,80	7,20	61,90	680,4/154636	787,3	30,10
40AH-3	200H-3	63,50	39,68	37,85	19,85	250,1	116,30	60,00	9,50	78,31	1061,4/241227	1228,2	57,06

3 Transmissions

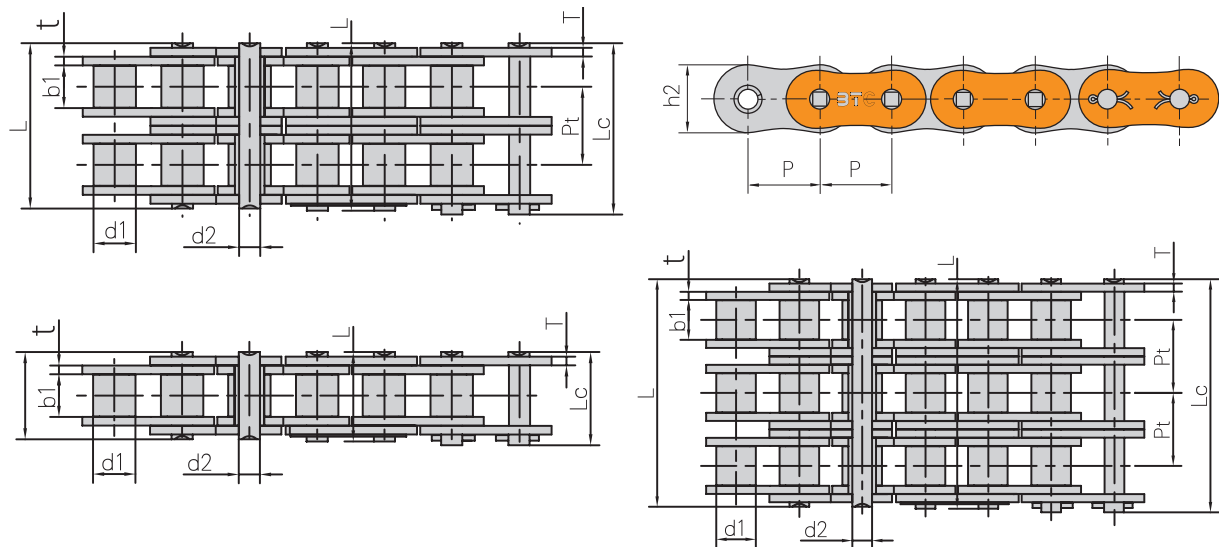
Super heavy duty roller chains DIN 8188

ANSI - American standard HSP

Simplex, Duplex and Triplex

SPECIAL REMARKS:

- "SP" has 28% more tensile strength than A series standard roller chain.
Also it has an excellent performance of fatigue strength and impact resistance.
- Special design of plates, parts, material and heat treatment process.



Chain nr.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Pt	F _B min	F _{BA}	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
50HSP-1	15,875	10,16	9,40	5,08	22,5	24,4	15,1	2,4		31,3	34,7	1,27
60HSP-1	19,05	11,91	12,57	5,94	29,7	31,6	18,0	3,3		45,8	50,6	1,90
80HSP-1	25,40	15,88	15,75	7,94	36,2	38,7	24,0	4,0		89,2	98,1	3,36
100HSP-1	31,75	19,05	18,95	9,54	43,6	46,8	30,1	4,8		131,8	145,0	4,90
120HSP-1	38,10	22,23	25,22	11,11	53,5	56,8	36,1	5,6		176,0	196,0	7,12
140HSP-1	44,45	25,40	25,22	12,71	57,5	62,0	42,1	6,4		231,9	255,0	8,88
160HSP-1	50,80	28,58	31,55	14,29	68,2	71,5	48,1	7,2		294,5	324,0	11,72
200HSP-1	63,50	39,68	37,85	19,85	86,6	93,2	60,0	9,5		543,6	598,0	19,80
60HSP-2	19,05	11,91	12,57	5,94	29,7	31,6	18,0	3,3	26,11	93,9	103,3	3,80
80HSP-2	25,40	15,88	15,75	7,94	36,2	38,7	24,0	4,0	32,59	178,4	196,2	6,65
100HSP-2	31,75	19,05	18,95	9,54	43,6	46,8	30,1	4,8	39,09	263,6	290,0	9,71
120HSP-2	38,10	22,23	25,22	11,11	53,5	56,8	36,1	5,6	48,87	353,4	392,0	14,12
140HSP-2	44,45	25,40	25,22	12,71	57,5	62,0	42,1	6,4	52,20	463,6	510,0	17,38
160HSP-2	50,80	28,58	31,55	14,29	68,2	71,5	48,1	7,2	61,90	588,0	647,0	23,00
200HSP-2	63,50	39,68	37,85	19,85	86,6	93,2	60,0	9,5	78,31	1091,0	1200,0	38,50
60HSP-3	19,05	11,91	12,57	5,94	29,7	31,6	18,0	3,3	26,11	137,4	151,5	5,60
80HSP-3	25,40	15,88	15,75	7,94	36,2	38,7	24,0	4,0	32,59	267,6	294,3	9,95
100HSP-3	31,75	19,05	18,95	9,54	43,6	46,8	30,1	4,8	39,09	395,4	435,0	14,53
120HSP-3	38,10	22,23	25,22	11,11	53,5	56,8	36,1	5,6	48,87	534,5	588,0	21,12
140HSP-3	44,45	25,40	25,22	12,71	57,5	62,0	42,1	6,4	52,20	695,8	765,0	25,88
160HSP-3	50,80	28,58	31,55	14,29	68,2	71,5	48,1	7,2	61,90	882,7	971,0	34,22
200HSP-3	63,50	39,68	37,85	19,85	86,6	93,2	60,0	9,5	78,31	1627,3	1790,0	57,29

3 Transmissions

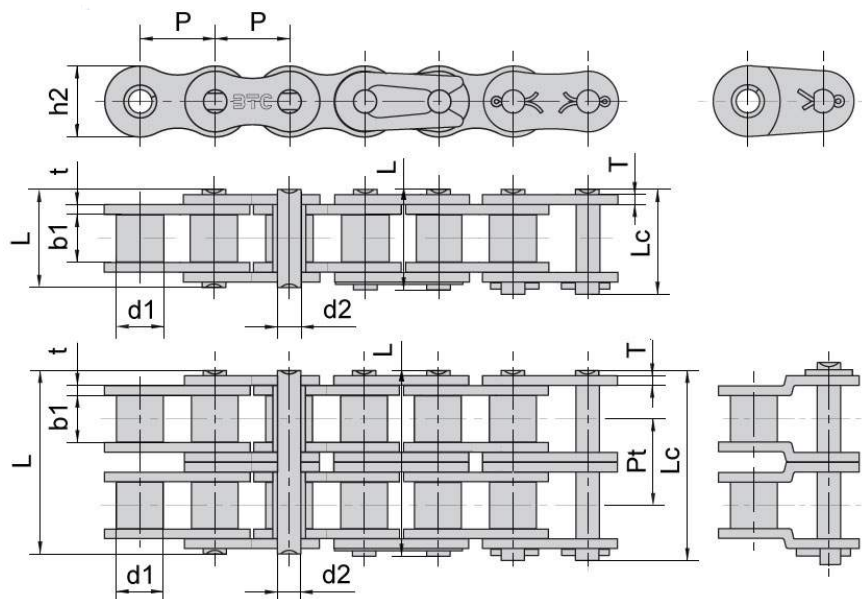
Self-lubrication roller chains - DIN 8187 / 8188

ISO 606 - European / ANSI - American standard - SLR

Simplex and Duplex

SPECIAL REMARKS:

- Maintenance free - extremely higher wear chain life - no lubrication.
- Oil impregnated sintered bushings resisting temperatures ranging from -40°C to +160°C.
- Nickel plated rollers and plates (chemical nickel plated pins).
- Extended bushings that prevent dirt and other abrasive material going inside the SLR chain.



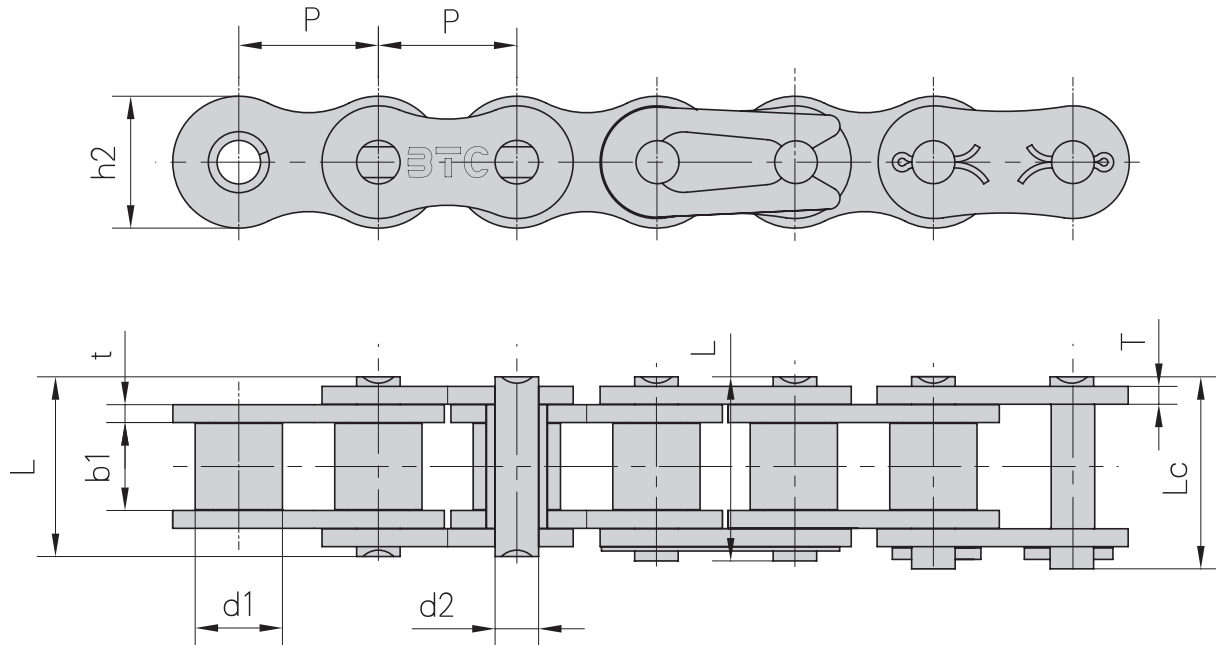
DIN / ANSI ref.	Pitch	Roller diameter	Width between inner plates	Pin diam.	Pin length		Inner plate height	Plate thickness	Transverse pitch	Ultimate tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Pt	F _t min	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kg/m
06B-1SLR	9,525	6,35	5,72	3,28	13,2	14,1	8,20	1,30	-	9,0	0,41
08B-1SLR	12,70	8,51	7,75	4,45	16,7	18,1	11,80	1,60	-	18,0	0,69
10B-1SLR	15,875	10,16	9,65	5,08	19,6	21,0	14,70	1,70	-	22,4	0,93
12B-1SLR	19,05	12,07	11,68	5,72	22,5	24,0	16,00	1,85	-	29,0	1,15
16B-1SLR	25,40	15,88	17,02	8,28	35,6	37,2	21,00	4,15/3,1	-	60,0	2,71
20B-1SLR	31,75	19,05	19,56	10,19	41,3	45,0	26,40	4,5/3,5	-	95,0	3,75
24B-1SLR	38,10	25,40	25,40	14,63	53,4	57,8	33,20	6,0/4,8	-	160,0	7,08
06B-2SLR	9,525	6,35	5,72	3,28	23,4	24,4	8,20	1,30	10,24	16,9	0,79
08B-2SLR	12,70	8,51	7,75	4,45	30,6	32,0	11,80	1,60	13,92	32,0	1,34
10B-2SLR	15,875	10,16	9,65	5,08	36,2	37,6	14,70	1,70	16,59	44,5	1,84
12B-2SLR	19,05	12,07	11,68	5,72	41,1	43,5	16,00	1,85	19,46	57,8	2,46
16B-2SLR	25,40	15,88	17,02	8,28	67,5	69,1	21,00	4,15/3,1	31,88	106,0	5,45
20B-2SLR	31,75	19,05	19,56	10,19	77,8	91,5	26,40	4,5/3,5	36,45	170,0	7,35
24B-2SLR	38,10	25,40	25,40	14,63	101,7	106,2	33,20	6,0/4,8	48,36	319,2	12,43
40-1SLR	12,70	7,95	7,85	3,96	16,3	17,8	12,00	1,50	-	14,1	0,63
50-1SLR	15,875	10,16	9,40	5,08	20,2	22,2	15,09	2,03	-	22,0	1,02
60-1SLR	19,05	11,91	12,57	5,94	25,9	27,5	18,00	2,42	-	34,2	1,59
80-1SLR	25,40	15,88	15,75	7,92	32,8	34,1	24,00	3,25	-	56,7	2,60
100-1SLR	31,75	19,05	18,90	9,53	40,4	44,7	30,00	4,00	-	88,5	3,98
120-1SLR	38,10	22,23	25,22	11,10	50,3	54,3	35,70	4,80	-	127,0	5,73
40-2SLR	12,70	7,95	7,85	3,96	31,0	32,2	12,00	1,50	14,38	28,2	1,12
50-2SLR	15,875	10,16	9,40	5,08	39,0	40,3	15,09	2,03	18,11	44,4	2,00
60-2SLR	19,05	11,91	12,57	5,94	48,8	50,3	18,00	2,42	22,78	68,4	3,14
80-2SLR	25,40	15,88	15,75	7,92	61,9	64,2	24,00	3,25	29,29	113,4	5,32
100-2SLR	38,10	19,05	18,90	9,53	76,4	80,5	30,00	4,00	35,76	173,4	7,98

3 Transmissions

High precision roller chains - DIN 8187 / DIN 8188

ISO 606 - European / ANSI - American standard

Zinc plated



ANSI / DIN ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Ultimate tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	F _u min	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kg/m
* 25ZP	6,35	3,30	3,18	2,31	7,90	8,40	6,00	0,80	3,50/795	0,15
* 35ZP	9,525	5,08	4,77	3,58	12,40	13,17	9,00	1,30	7,90/1795	0,33
41ZP	12,70	7,77	6,25	3,58	13,75	15,00	9,91	1,30	6,67/1516	0,41
40ZP	12,70	7,95	7,85	3,96	16,60	17,80	12,00	1,50	14,10/3205	0,62
50ZP	15,875	10,16	9,40	5,08	20,70	22,20	15,09	2,03	22,20/5045	1,02
60ZP	19,05	11,91	12,57	5,94	25,90	27,70	18,00	2,42	31,80/7227	1,50
80ZP	25,40	15,88	15,75	7,92	32,70	35,00	24,00	3,25	56,70/12886	2,60
100ZP	31,75	19,05	18,90	9,53	40,40	44,70	30,00	4,00	88,50/20114	3,91
120ZP	38,10	22,23	25,22	11,10	50,30	54,30	35,70	4,80	127,00/28864	5,62
140ZP	44,45	25,40	25,22	12,70	54,40	59,00	41,00	5,60	172,40/39182	7,50
160ZP	50,80	28,58	31,55	14,27	64,80	69,60	47,80	6,40	226,80/51545	10,10
04BZP	6,00	4,00	2,80	1,85	6,80	7,80	5,00	0,60	3,00/682	0,11
05BZP	8,00	5,00	3,00	2,31	8,20	8,90	7,10	0,80	5,00/1136	0,20
# 06BZP	9,525	6,35	5,72	3,28	13,15	14,10	8,20	1,30	9,00/2045	0,41
08BZP	12,70	8,51	7,75	4,45	16,70	18,20	11,80	1,60	18,00/4091	0,69
10BZP	15,875	10,16	9,65	5,08	19,50	20,90	14,70	1,70	22,40/5091	0,93
12BZP	19,05	12,07	11,68	5,72	22,50	24,20	16,00	1,85	60,00/13636	1,15
16BZP	25,40	15,88	17,02	8,28	36,10	37,40	21,00	4,15/3,1	95,00/21591	2,71
20BZP	31,75	19,05	19,56	10,19	41,30	45,00	26,40	4,5/3,5	95,00/21591	3,70
24BZP	38,10	25,40	25,40	14,63	53,40	57,80	33,20	6,0/4,8	160,0/36364	7,10
28BZP	44,45	27,94	30,99	15,90	65,10	69,50	36,70	7,5/6,0	200,0/45455	8,50
32BZP	50,80	29,21	30,99	17,81	66,00	71,00	42,00	7,0/6,0	250,0/56818	10,25

*Bushing chain: d1 in the table indicates the external diameter of the bushing.

Straight side plates.

Double strand zinc plated chains are available in all sizes.

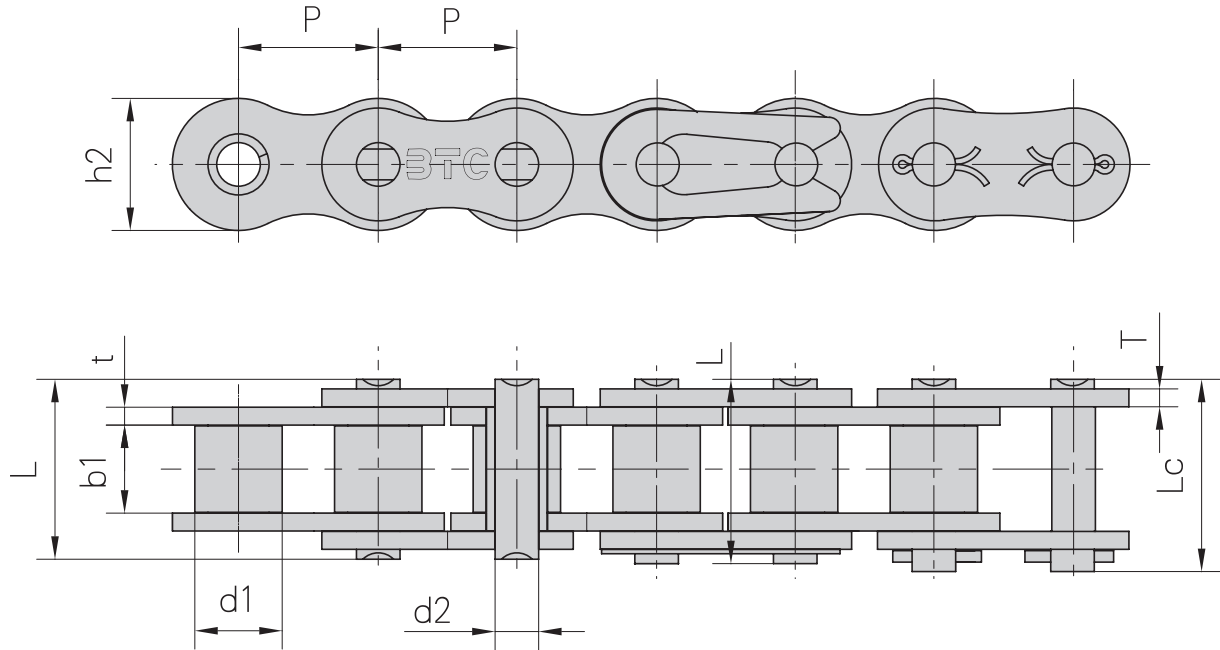
Double pitch zinc plated conveyor chains are available upon request.

3 Transmissions

High precision roller chains - DIN 8187 / 8188

ISO 606 - European / ANSI - American standard

Nickel plated



ANSI / DIN ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Ultimate tensile strength	Weight per meter
	P	$d1$ max	$b1$ min	$d2$ max	L max	Lc max	$h2$ max	T max	F_B min	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kg/m
*25NP	6,35	3,30	3,18	2,31	7,90	8,40	6,00	0,80	3,50/795	0,15
*35NP	9,525	5,08	4,77	3,58	12,40	13,17	9,00	1,30	7,90/1795	0,33
41NP	12,70	7,77	6,25	3,58	13,75	15,00	9,91	1,30	6,67/1516	0,41
40NP	12,70	7,95	7,85	3,96	16,60	17,80	12,00	1,50	14,10/3205	0,62
50NP	15,875	10,16	9,40	5,08	20,70	22,20	15,09	2,03	22,20/5045	1,02
60NP	19,05	11,91	12,57	5,94	25,90	27,70	18,00	2,42	31,80/7227	1,50
80NP	25,40	15,88	15,75	7,92	32,70	35,00	24,00	3,25	56,70/12886	2,60
100NP	31,75	19,05	18,90	9,53	40,40	44,70	30,00	4,00	88,50/20114	3,91
120NP	38,10	22,23	25,22	11,10	50,30	54,30	35,70	4,80	127,00/28864	5,62
140NP	44,45	25,40	25,22	12,70	54,40	59,00	41,00	5,60	172,40/39182	7,50
160NP	50,80	28,58	31,55	14,27	64,80	69,60	47,80	6,40	226,80/51545	10,10
04BNP	6,00	4,00	2,80	1,85	6,80	7,80	5,00	0,60	3,00/682	0,11
05BNP	8,00	5,00	3,00	2,31	8,20	8,90	7,10	0,80	5,00/1136	0,20
*06BNP	9,525	6,35	5,72	3,28	13,15	14,10	8,20	1,30	9,00/2045	0,41
08BNP	12,70	8,51	7,75	4,45	16,70	18,20	11,80	1,60	18,00/4091	0,69
10BNP	15,875	10,16	9,65	5,08	19,50	20,90	14,70	1,70	22,40/5091	0,93
12BNP	19,05	12,07	11,68	5,72	22,50	24,20	16,00	1,85	29,00/6591	1,15
16BNP	25,40	15,88	17,02	8,28	36,10	37,40	21,00	4,15/3,1	60,00/13636	2,71
20BNP	31,75	19,05	19,56	10,19	41,30	45,00	26,40	4,5/3,5	95,00/21591	3,70
24BNP	38,10	25,40	25,40	14,63	53,40	57,80	33,20	6,0/4,8	160,00/36364	7,10
28BNP	44,45	27,94	30,99	15,90	65,10	69,50	36,70	7,5/6,0	200,00/45455	8,50
32BNP	50,80	29,21	30,99	17,81	66,00	71,00	42,00	7,0/6,0	250,00/56818	10,25

* Straight side plates.

3 Transmissions

“Coated” corrosion protected

high precision roller chains

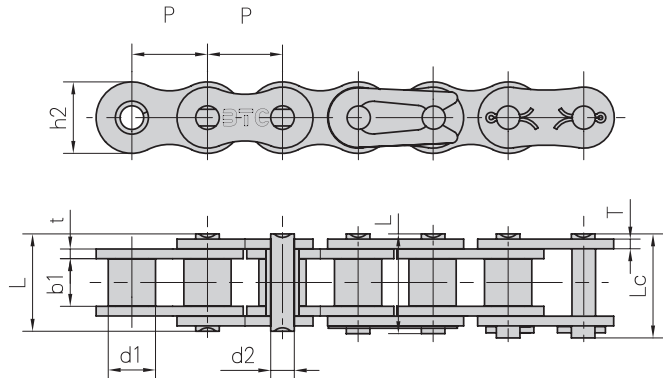
DIN 8187 / 8188 - ISO 606 - European / ANSI - American standard

Simplex

“DR” - “DR+”

SPECIAL REMARKS:

- **DR** coated roller chains are zinc aluminium passivated. Thin dry-film, non-electrolytic, self-lubricated or not. Extremely high performance corrosion protection. Can be used in damp atmospheres and salty air. It offers good durability against astringents, petrol and brake fluid.
- **DR+** coated roller chains are same zinc aluminium passivated but only the pins are chemical nickel plated. This offers improved wear resistance and a surface hardness of 1.000 HV.



ANSI / DIN ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Breaking load	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	F _B min.	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kg/m
*25DR	6,350	3,30	3,18	2,31	7,90	8,40	6,00	0,80	3,50/795	0,15
*35DR	9,525	5,08	4,77	3,58	12,40	13,17	9,00	1,30	7,90/1795	0,33
41DR	12,70	7,77	6,25	3,58	13,75	15,00	9,91	1,30	6,67/1516	0,41
40DR	12,70	7,95	7,85	3,96	16,60	17,80	12,00	1,50	14,10/3205	0,62
50DR	15,875	10,16	9,40	5,08	20,70	22,20	15,09	2,03	22,20/5045	1,02
60DR	19,05	11,91	12,57	5,94	25,90	27,70	18,00	2,42	31,80/7227	1,50
80DR	25,40	15,88	15,75	7,92	32,70	35,00	24,00	3,25	56,70/12886	2,60
100DR	31,75	19,05	18,90	9,53	40,40	44,70	30,00	4,00	88,50/20114	3,91
120DR	38,10	22,23	25,22	11,10	50,30	54,30	35,70	4,80	127,00/28864	5,62
140DR	44,45	25,40	25,22	12,70	54,40	59,00	41,00	5,60	172,40/39182	7,50
160DR	50,80	28,58	31,55	14,27	64,80	69,60	47,80	6,40	226,80/51545	10,10
04BDR	6,00	4,00	2,80	1,85	6,80	7,80	5,00	0,60	3,00/682	0,11
05BDR	8,00	5,00	3,00	2,31	8,20	8,90	7,10	0,80	5,00/1136	0,20
#06BDR	9,525	6,35	5,72	3,28	13,15	14,10	8,20	1,30	9,00/2045	0,41
08BDR	12,70	8,51	7,75	4,45	16,70	18,20	11,80	1,60	18,00/4091	0,69
10BDR	15,875	10,16	9,65	5,08	19,50	20,90	14,70	1,70	22,40/5091	0,93
12BDR	19,05	12,07	11,68	5,72	22,50	24,20	16,00	1,85	29,00/6591	1,15
16BDR	25,40	15,88	17,02	8,28	36,10	37,40	21,00	4,15/3,1	60,00/13636	2,71
20BDR	31,75	19,05	19,56	10,19	41,30	45,00	26,40	4,5/3,5	95,00/21591	3,70
24BDR	38,10	25,40	25,40	14,63	53,40	57,80	33,20	6,0/4,8	160,00/36364	7,10
28BDR	44,45	27,94	30,99	15,90	65,10	69,50	36,70	7,5/6,0	200,00/45455	8,50
32BDR	50,80	29,21	30,99	17,81	66,00	71,00	42,00	7,0/6,0	250,00/56818	10,25

* Bushing chain: d1 in the table indicates the external diameter of the bushing.

Straight side plates.

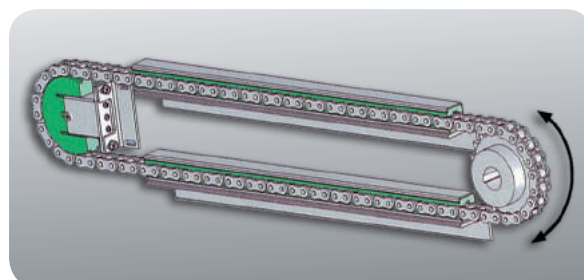
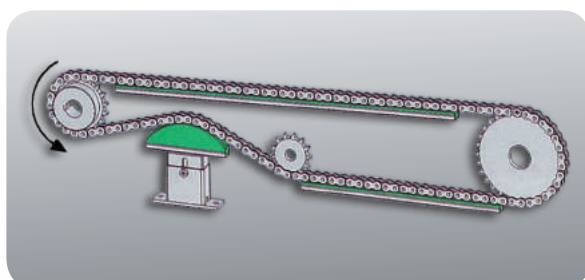
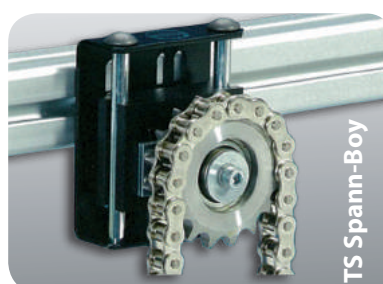
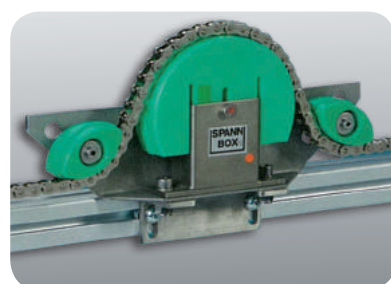
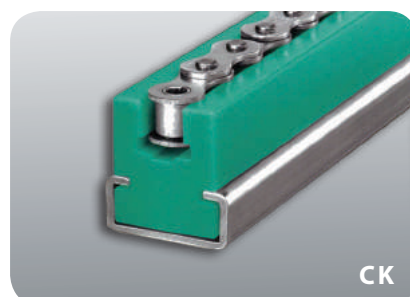
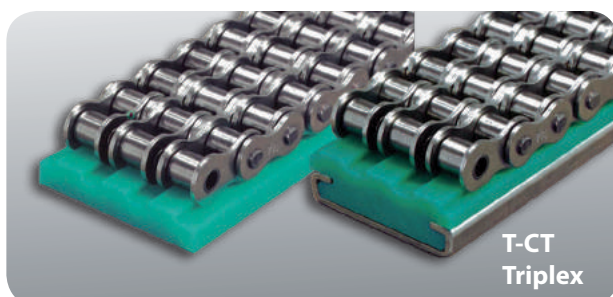
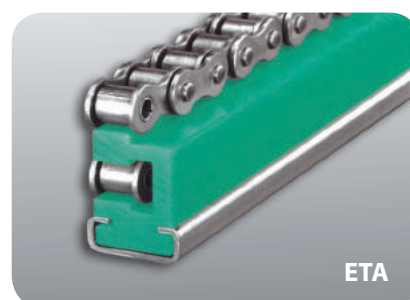
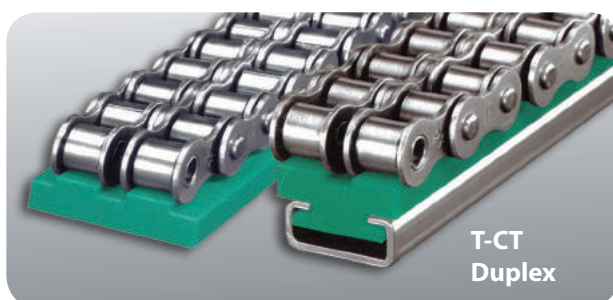
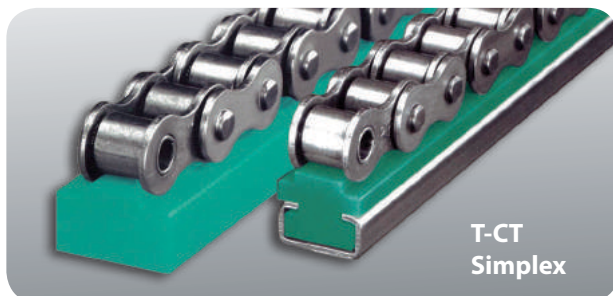
Double strand “Dacromet” coated plated chains are available in all sizes.

Double pitch zinc plated conveyor chains are available upon request.

All chains are also available in “coated plus”
(with chem. nickel plated pins).

3 Transmissions

Different types of chain - guides



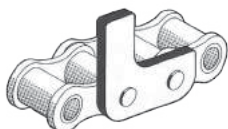
Available from stock.

3 Transmissions

Roller chains with special attachments



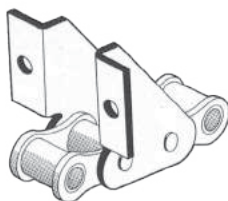
Type 1



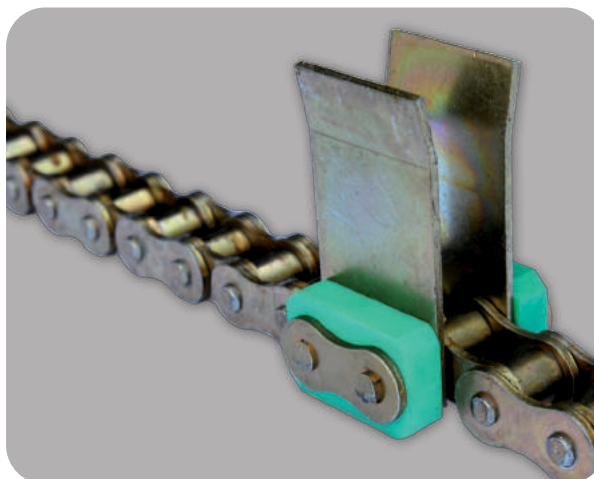
Type 2



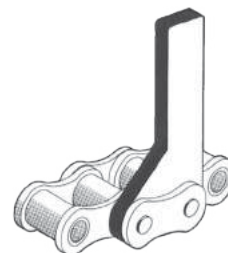
Type 3



Type 4



Type 5



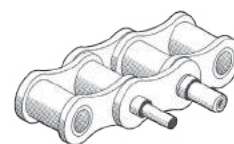
Type 6



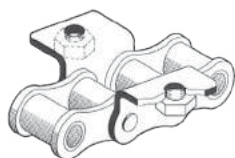
Type 7



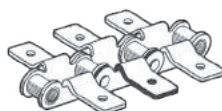
Type 8



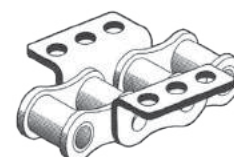
Type 9



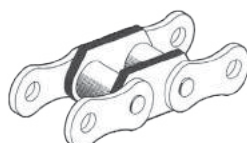
Type 10



Type 11



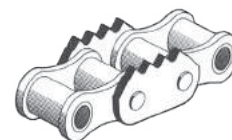
Type 12



Type 13



Type 14



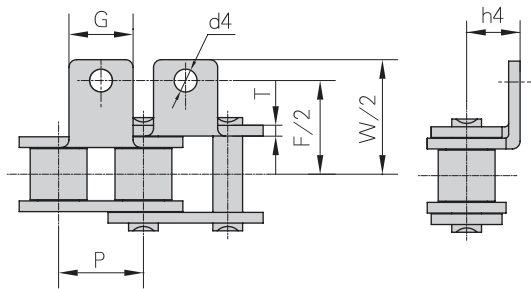
Type 15

3 Transmissions

European / American standard roller chains with standard attachments

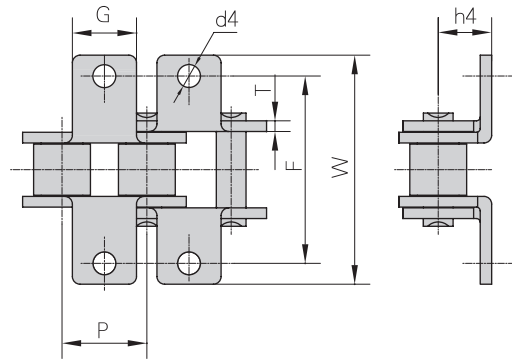
Bent, one hole

A1/1



Example every 4th pitch = A1/4

K1/1



Example every 4th pitch = K1/4

DIN ref.	ANSI ref.	P	G	F	W	T	h4	d4
		mm	mm	mm	mm	mm	mm	mm
*06C	35	9,525	7,9	19,00	28,60	1,30	6,35	3,4
08A	40	12,700	9,5	25,40	35,20	1,50	7,90	3,4
08S	41	12,700	9,5	24,00	33,4	1,30	6,90	3,6
10A	50	15,875	12,7	31,75	46,2	2,03	10,30	5,5
12A	60	19,050	15,9	38,10	55,6	2,42	11,90	5,5
16A	80	25,400	19,1	50,80	64,8	3,25	15,90	6,8
20A	100	31,750	25,4	63,50	87,3	4,00	19,80	9,2
24A	120	38,100	28,6	76,20	108,5	4,80	23,00	9,8
28A	140	44,450	34,9	88,90	123,0	5,60	28,60	11,4
32A	160	50,800	38,1	101,60	142,8	6,40	31,75	13,1
40A	200	63,500	50,8	127,00	179,0	8,00	42,88	16,3
*06B		9,525	8,0	19,04	27,0	1,30	6,50	3,5
08B		12,700	9,5	25,40	36,4	1,60	8,90	4,5
10B		15,875	14,3	31,75	44,6	1,70	10,31	5,3
12B		19,050	16,0	38,10	52,4	1,85	13,46	6,4
16B		25,400	19,1	50,80	72,6	3,10	15,88	6,4
20B		31,750	35,0	63,50	100,5	3,50	19,80	9,0
24B		38,100	30,0	76,20	108,4	4,80	26,67	10,5
28B		44,450	35,0	88,90	123,0	6,00	28,58	13,1
32B		50,800	38,1	101,60	142,8	6,00	31,75	13,1

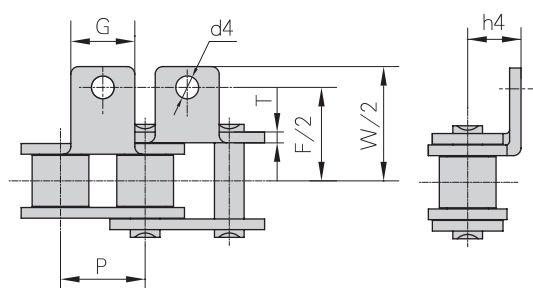
* Straight side plates.

3 Transmissions

European standard roller chains with special attachments

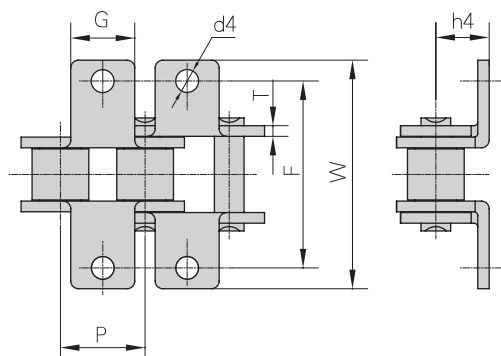
Bent, one hole

A1/1



Example every 4th pitch = A1/4

K1/1



Example every 4th pitch = K1/4

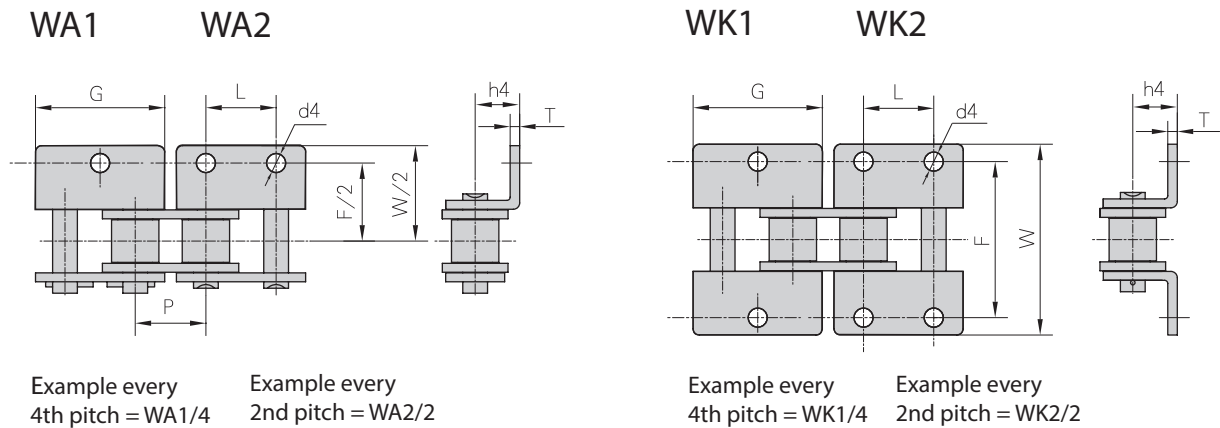
DIN ref.	P	G	F	W	T	h4	d4
	mm	mm	mm	mm	mm	mm	mm
08AA1F1	12,700	9,50	38,50	44,5	1,50	8,20	3,6
*C08AA1F2	12,700	10,00	25,40	33,4	1,50	9,10	3,4
08AA1F2	12,700	9,50	25,40	35,2	1,50	7,90	4,85
10AK1F3	15,875	14,29	31,75	46,2	2,03	10,30	5,5
10AK1F5	15,875	20,00	39,00	50,1	2,03	12,50	M5
10AHK1F1	15,875	12,70	34,00	48,4	2,42	10,30	M5
12AK1F1	19,050	15,90	40,00	55,6	2,42	11,90	6,2
12AK1F4	19,050	15,90	38,10	55,5	2,42	11,90	M5
28AA1F1	44,450	34,90	88,90	123,0	5,60	28,60	12,0
28AA1F2	44,450	44,45	88,90	124,0	5,60	28,60	12,0
08BA1F2	12,700	11,40	38,60	49,6	1,60	8,90	3,5
08BK1F5	12,700	9,50	29,00	38,7	1,60	7,10	4,5
08BA1F6	12,700	18,00	25,80	37,8	1,60	8,00	4,2
08BK1F7	12,700	9,50	29,00	39,0	1,60	7,00	4,5
08BF30	12,700	18,00	27,20	40,0	1,60	8,00	4,3
08BF33	12,700	9,50	27,74	38,8	1,60	8,50	3,1
12BA1F1	19,050	16,00	38,10	52,4	1,85	13,46	8,2
16BK1F3	25,400	19,10	50,80	72,6	3,10	15,88	8,2
16BK1F4	25,400	36,00	54,00	78,6	3,10	16,00	8,2
16BK1F5	25,400	25,00	57,80	83,6	3,10	19,00	9,0
16BF14	25,400	36,20	53,90	77,8	3,10	18,00	M6

* Straight side plates.

3 Transmissions

European / American standard roller chains with standard attachments

Bent, one or two holes



DIN ref.	ANSI ref.	P	G	L	F	W	T	h4	d4
		mm	mm	mm	mm	mm	mm	mm	mm
06C	35	9,525	17,32	9,525	19,00	28,60	1,30	6,35	2,8
08A	40	12,700	23,00	12,700	25,40	35,60	1,50	7,90	3,4
085	41	12,700	22,30	12,700	24,00	35,00	1,30	7,20	4,85
10A	50	15,875	28,80	15,875	31,75	46,80	2,03	10,30	5,5
12A	60	19,050	34,65	19,050	38,10	56,40	2,42	11,90	5,5
16A	80	25,400	45,90	25,400	50,80	73,20	3,25	15,90	6,8
20A	100	31,750	57,65	31,750	63,50	89,80	4,00	19,80	9,2
24A	120	38,100	69,30	38,100	76,20	108,80	4,80	23,00	9,8
28A	140	44,450	80,45	44,450	88,90	123,00	5,60	28,60	11,4
32A	160	50,800	92,00	50,800	101,60	142,80	6,40	31,75	13,1
40A	200	63,500	115,50	63,500	127,00	179,00	8,00	42,88	16,3
08B		12,700	24,00	12,700	25,40	36,40	1,60	8,90	4,3
10B		15,875	29,58	15,875	31,80	44,60	1,70	10,31	5,3
12B		19,050	34,05	19,050	38,10	52,40	1,85	13,46	6,4
16B		25,400	46,40	25,400	50,80	72,60	3,10	15,88	6,4
20B		31,750	58,10	31,750	63,00	100,50	3,50	19,80	9,0
24B		38,100	71,30	38,100	76,20	108,40	4,80	26,67	10,5
28B		44,450	81,10	44,450	88,90	123,00	6,00	28,58	13,1
32B		50,800	92,80	50,800	101,60	142,80	6,00	31,75	13,1

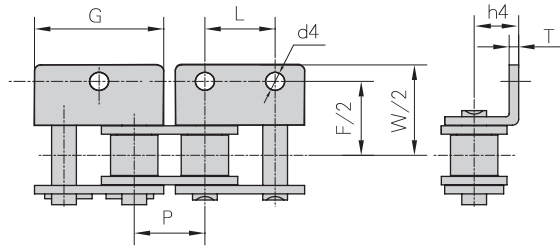
3 Transmissions

European / American standard roller chains with special attachments

Bent, one or two holes

WA1

WA2

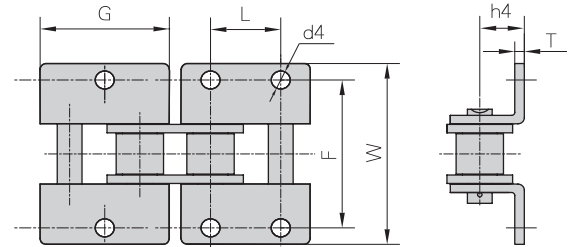


Example every
4th pitch = WA1/4

Example every
2nd pitch = WA2/2

WK1

WK2



Example every
4th pitch = WK1/4

Example every
2nd pitch = WK2/2

DIN ref.	P	G	L	F	W	T	h4	d4
	mm	mm	mm	mm	mm	mm	mm	mm
*06BWK2F1	9,525	12,70	9,525	19,05	28,50	1,30	6,70	4,10
08AWA2F2	12,700	23,00	12,700	25,40	35,60	1,50	7,90	3,60
08BWA2F4	12,700	24,00	12,700	25,40	36,40	1,60	8,90	4,30
08BWA1F1	12,700	23,30		27,40	38,80	1,60	8,00	4,30
08BWA1F6	12,700	24,00		25,40	38,80	1,60	8,90	6,60
08BWK2F2	12,700	23,20	12,700	28,40	42,60	3,00	8,50	5,40
08BWK2F3	12,700	23,20	12,700	32,00	43,60	1,60	10,00	4,50
10AWK1F1	15,875	28,80		31,75	46,00	2,03	1,30	8,20
10AWK1F2	15,875	30,00		31,75	46,00	2,03	10,30	5,20
10BWA2F2	15,875	28,36	15,760	30,40	39,80	1,60	10,50	5,20
10BWK2F2	15,875	28,36	15,760	30,40	39,80	1,60	40,50	5,20
10BWK2F3	15,875	29,90	15,880	31,59	45,59	1,60	10,50	5,30
12BWA1F2	19,050	34,05		38,10	26,20	1,85	13,46	5,50
12BWA2F2	19,050	34,90	19,000	35,00	50,60	1,85	12,00	6,20
12BWA2F5	19,050	30,00	20,000	39,60	55,30	1,85	14,00	M6
12BWK1F1	19,050	34,05		38,10	52,40	1,85	13,46	8,50
12BWK2F7	19,050	34,90	19,000	35,00	55,40	1,85	12,20	6,40
16AWK1F1	25,400	45,90		50,80	73,20	3,25	15,90	8,00
16AWK1F2	25,400	45,90		50,80	73,20	3,25	15,90	12,00
16BWK1F	25,400	46,00		57,20	78,50	3,10	15,90	8,10
16BWK2F1	25,400	48,00	25,400	58,00	75,90	3,10	18,00	9,00
16BWK2F3	25,400	46,40	25,400	58,08	72,60	3,10	15,88	8,20
20BWK2F1	31,750	58,10	31,750	67,94	100,54	3,50	19,80	9,00
28AWK2F1	44,450	82,00	42,000	69,50	99,00	5,60	25,10	10,50
32AWK2F3	50,800	100,00	70,000	100,00	140,00	6,40	31,75	18,00

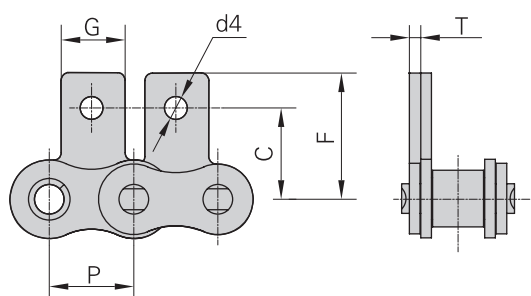
* Straight sideplates

3 Transmissions

European / American standard roller chains with special attachments

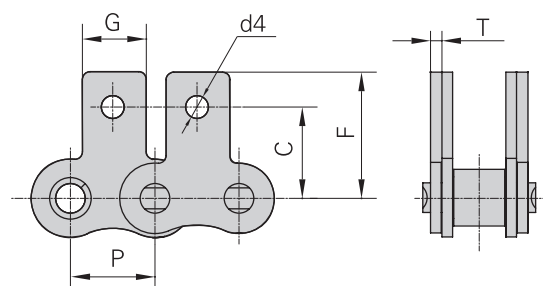
Straight, one hole

SA1 / 1



Example every 4th pitch =SA1/4

SK1 / 1



Example every 4th pitch =SK1/4

DIN ref.	ANSI ref.	P	G	C	F	T	d4
		mm	mm	mm	mm	mm	mm
06C	35	9,525	7,9	9,50	14,55	1,30	3,4
08A	40	12,70	9,5	12,70	19,05	1,50	0,4
085	41	12,70	9,5	11,85	16,55	1,30	3,6
10A	50	15,875	12,7	15,90	25,25	2,03	5,5
12A	60	19,05	15,9	18,30	29,33	2,42	5,5
16A	80	25,40	19,1	24,60	34,70	3,25	6,8
20A	100	31,75	25,4	31,80	43,30	4,00	9,2
24A	120	38,10	28,6	36,50	51,60	4,80	9,8
28A	140	44,45	34,9	44,50	62,00	5,60	11,4
32A	160	50,80	38,1	50,83	69,85	6,40	13,1
40A	200	63,50	50,8	63,50	88,90	8,00	16,3
*06B		9,525	8,0	9,52	13,50	1,30	3,5
08B		12,70	9,5	13,35	18,90	1,60	4,3
10B		15,875	14,3	16,50	22,95	1,70	5,3
12B		19,05	16,0	21,45	28,60	1,85	6,4
16B		25,40	19,1	23,15	34,00	3,10	6,4
20B		31,75	25,4	30,50	45,70	3,50	9,0
24B		38,10	30,0	36,00	52,90	4,80	10,5

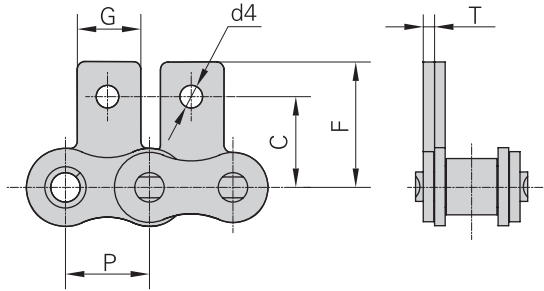
* Straight side plates

3 Transmissions

European / American standard roller chains with special attachments

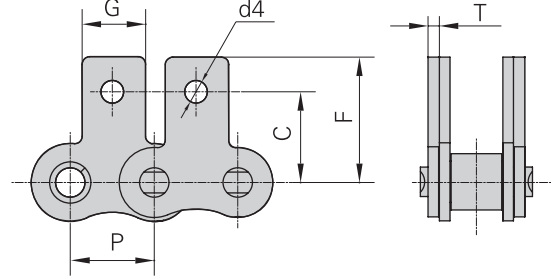
Straight, one hole

SA1 / 1



Example every 4th pitch = SA1/4

SK1 / 1



Example every 4th pitch = SK1/4

DIN ref.	P	G	C	F	T	d4
	mm	mm	mm	mm	mm	mm
*06BSK1F2	9,525	8,00	9,500	13,50	1,15	3,50
08ASA1F1	12,700	9,50	8,730	17,50	1,50	3,60
08ASA1F3	12,700	9,60	12,700	17,30	1,50	3,60
08BSA1F1	12,700	18,00	15,000	21,50	1,60	6,30
08BSA1F8	12,700	12,50	14,700	20,30	1,60	4,50
08BSA1F9	12,700	12,50	14,700	18,90	1,60	4,50
08BSK1F2	12,700	11,00	13,400	19,50	1,60	4,30
08BSK1F3	12,700	11,00	14,100	18,90	1,55	4,30
08BSK1F4	12,700	11,00	13,350	18,90	1,60	6,50
08BSK1F5	12,700	9,50	13,350	19,30	1,60	6,30
08BSK1F6	12,700	11,00	14,300	20,80	1,60	4,30
08BSK1F7	12,700	11,00	13,000	93,00	1,60	4,45
10ASA0F2	15,875	28,50		23,60	2,03	
10ASK1F1	15,875	20,00	15,680	22,88	2,03	8,50
10ASK1F3	15,875	12,70	15,250	23,60	2,03	5,30
10BSA1F3	15,875	24,00	16,000	24,20	1,70	5,10
12ASA1F4	19,050	15,90	18,300	29,33	2,42	8,50
12ASK1F1	19,050	15,90	18,300	29,33	2,42	6,10
12BSK1F1	19,050	18,00	18,200	28,10	1,80	6,40
16ASAF1	25,400	19,10		34,70	3,25	
16ASAF2	25,400	19,10		34,70	3,25	
16BSK1F2	25,400	24,00	25,400	37,40	3,00	8,20
16BSK1F3	25,400	19,10	23,150	34,00	3,10	9,00
16AWSK1F3	25,400	45,90	16,000	34,40	3,25	14,52
24BSK1F1	38,100	30,00	42,650	61,70	4,80	10,50

* Straight side plates

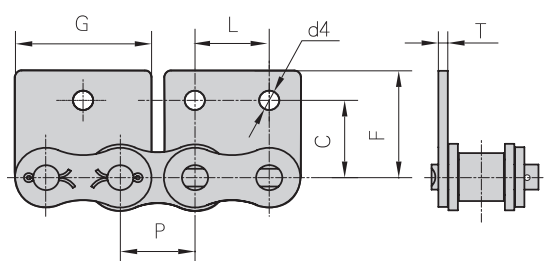
3 Transmissions

European / American standard roller chains with special attachments

Straight, one or two holes

WSA1

WSA2

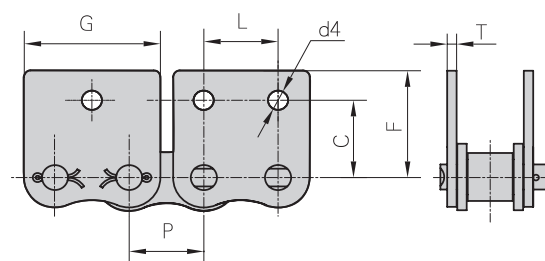


Example every
4th pitch = WSA / 4

Example every
2nd pitch = WSA2 / 2

WSK1

WSK2



Example every
4th pitch = WSK1 / 4

Example every
2nd pitch = WSK2 / 2

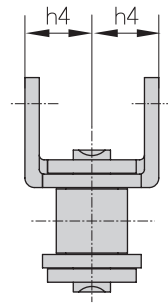
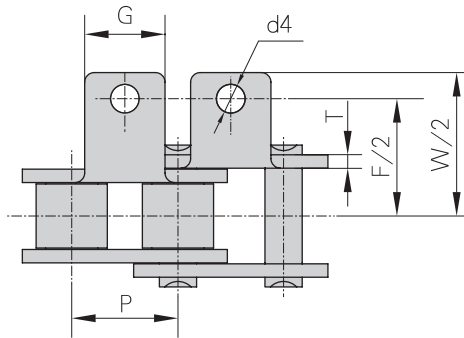
DIN ref.	ANSI ref.	P	G	L	C	F	T	d4
		mm	mm	mm	mm	mm	mm	mm
06C	35	9,525	17,32	9,525	9,50	14,55	1,30	2,8
08A	40	12,700	23,00	12,700	12,70	17,40	1,50	3,4
085	41	12,700	21,20	12,700	11,85	16,55	1,30	3,6
10A	50	15,875	28,80	15,875	15,90	23,05	2,03	5,5
12A	60	19,050	34,65	19,050	18,30	26,86	2,42	5,5
16A	80	25,400	45,90	25,400	24,60	35,45	3,25	6,8
20A	100	31,750	57,65	31,750	31,80	44,00	4,00	9,2
24A	120	38,100	69,30	38,100	36,50	51,60	4,80	9,8
28A	140	44,450	80,45	44,450	44,50	62,00	5,60	11,4
32A	160	50,800	92,00	50,800	50,80	69,85	6,40	13,1
40A	200	63,500	115,50	63,500	63,50	88,90	8,00	16,3
08B		12,700	23,30	12,700	13,35	18,90	1,60	4,3
10B		15,875	29,58	15,875	16,50	22,95	1,70	5,3
12B		19,050	34,05	19,050	21,45	28,60	1,85	6,4
16B		25,400	46,40	25,400	23,15	34,00	3,10	6,4
20B		31,750	58,10	31,750	30,50	45,70	3,50	9,0

3 Transmissions

Bent European / American roller chains with special attachments

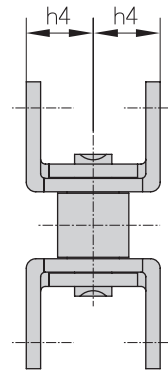
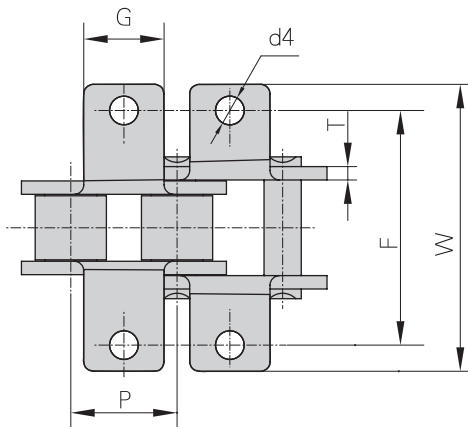
U-type, one hole

UA1/1



Example every
4th pitch = UA1/4

UK1/1



Example every
4th pitch = UK1/4

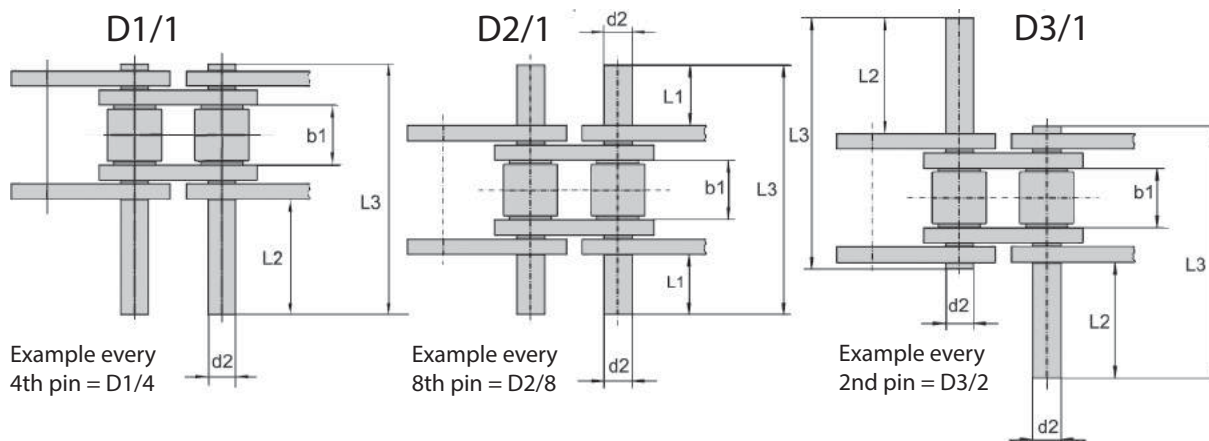
DIN ref.	ANSI ref.	P	G	F	W	T	h4	d4
		mm	mm	mm	mm	mm	mm	mm
08A	40	12,700	9,50	25,400	35,20	1,50	7,90	3,4
10A	50	15,875	12,70	31,750	46,20	2,03	10,30	5,5
12A	60	19,050	15,90	38,100	55,60	2,42	11,90	5,5
16A	80	25,400	19,10	50,800	64,80	3,25	15,90	6,8
20A	100	31,750	25,40	63,500	87,30	4,00	19,80	9,2
*06B		9,525	8,00	19,040	27,00	1,30	6,50	3,5
08B		12,700	9,50	25,400	36,40	1,60	8,90	4,5
10B		15,875	14,30	31,750	44,60	1,70	10,31	5,3
12B		19,050	16,00	38,100	52,40	1,85	13,46	6,4
16B		25,400	19,10	50,800	72,60	3,10	15,88	6,4
20B		31,750	35,00	63,500	100,50	3,50	19,80	9,0

3 Transmissions

Roller chains with extended pins - DIN 8187 / 8188

ISO 606 - European / American standard

One or both sides



DIN ref.	ANSI ref.	P	b1	d2	L1 max	L2 max	L3 max
		mm	mm	mm	mm	mm	mm
08A -(2)	40	12,700	7,85	3,96	8,8	16,5	32,3
08A -(3)	40	12,700	7,85	3,96	16,0	30,0	46,7
10A -(2)	50	15,875	9,40	5,08	10,8	20,6	39,9
10A -(3)	50	15,875	9,40	5,08	19,8	39,2	57,9
12A -(2)	60	19,050	12,57	5,94	13,5	25,7	49,8
12A -(3)	60	19,050	12,57	5,94	24,9	48,5	72,6
16A -(2)	80	25,400	15,75	7,92	16,9	32,2	62,7
16A -(3)	80	25,400	15,75	7,92	31,4	61,2	91,7
20A -(2)	100	31,750	18,90	9,53	20,4	39,1	77,0
20A -(3)	100	31,750	18,90	9,53	38,4	75,1	113,0
24A -(2)	120	38,100	25,22	11,10	25,4	48,9	96,3
24A -(3)	120	38,100	25,22	11,10	47,7	93,6	141,0
05 B -(2)	-	8,000	3,00	2,31	3,9	7,1	14,3
05 B -(3)	-	8,000	3,00	2,31	6,7	12,7	19,9
06 B -(2)	-	9,525	5,72	3,28	6,6	12,2	23,8
06 B -(3)	-	9,525	5,72	3,28	11,7	22,4	34,0
08 B -(2)	-	12,700	7,75	4,45	8,2	15,5	31,0
08 B -(3)	-	12,700	7,75	4,45	15,2	29,4	44,9
10 B -(2)	-	15,875	9,65	5,08	9,8	18,5	36,2
10 B -(3)	-	15,875	9,65	5,08	18,1	35,1	52,8
12 B -(2)	-	19,050	11,68	5,72	11,4	21,5	42,2
12 B -(3)	-	19,050	11,68	5,72	21,1	41,0	61,7
16 B -(2)	-	25,400	17,02	8,28	18,0	34,5	68,0
16 B -(3)	-	25,400	17,02	8,28	34,0	66,4	99,9
20 B -(2)	-	31,750	19,56	10,19	20,6	39,4	79,0
20 B -(3)	-	31,750	19,56	10,19	39,1	76,4	116,0
24 B -(2)	-	38,100	25,40	14,63	26,2	50,4	101,0
24 B -(3)	-	38,100	25,40	14,63	50,7	99,4	150,0

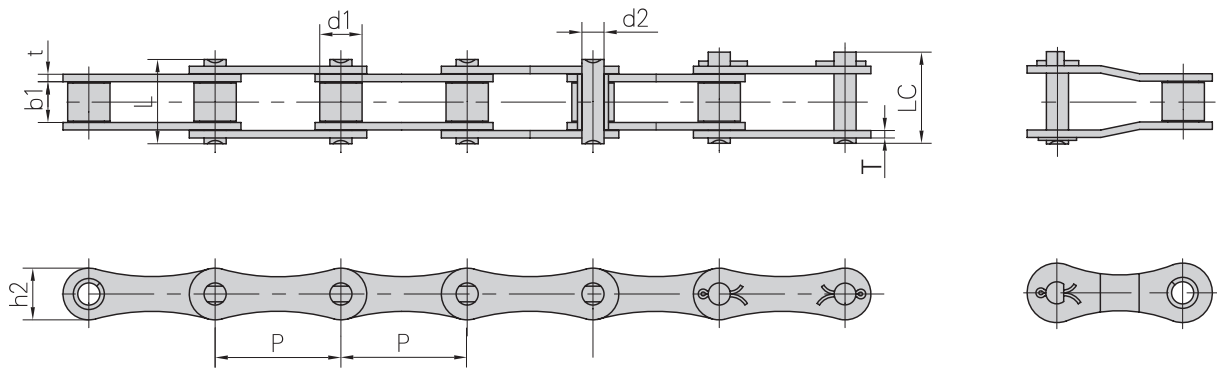
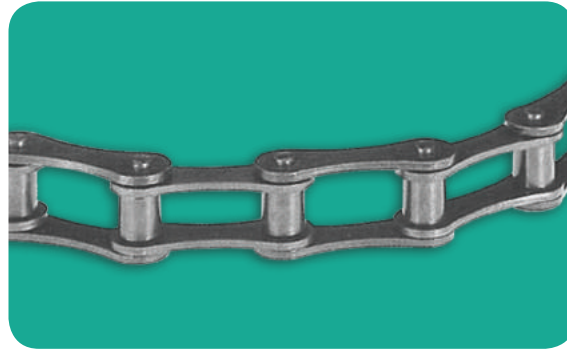
(2) pins from duplex chain

(3) pins from triplex chain or on request other lengths

3 Transmissions

Double pitch conveyor chains - DIN 8187 / 8188 ISO 606 - European / ANSI - American standard

Simplex



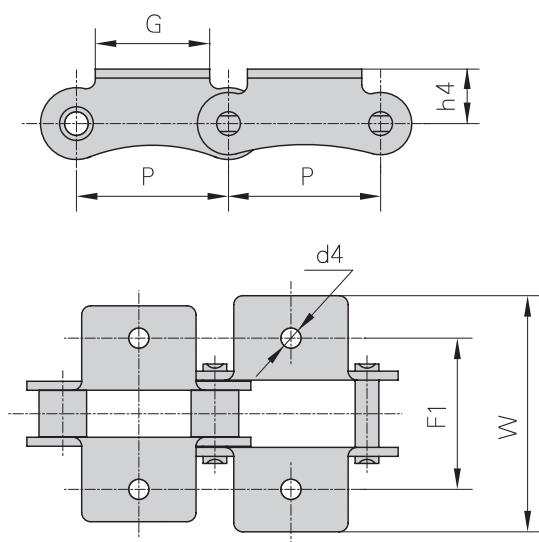
DIN ref.	ANSI ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
		P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	FB min	FBA	q
		mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
208A	2040	25,40	7,95	7,85	3,96	16,6	17,8	12,0	1,50	14,1/3205	16,7	0,42
208B		25,40	8,51	7,75	4,45	16,7	18,2	11,8	1,60	18,0/4091	19,4	0,45
210A	2050	31,75	10,16	9,40	5,08	20,7	22,2	15,0	2,03	22,2/5045	28,1	0,73
210B		31,75	10,16	9,65	5,08	19,5	20,9	14,7	1,70	22,4/5091	27,5	0,65
212A	2060	38,10	11,91	12,57	5,94	25,9	27,7	18,0	2,42	31,8/7227	36,8	1,02
212B		38,10	12,07	11,68	5,72	22,5	25,2	16,0	1,85	29,0/6591	32,2	0,76
216A	2080	50,80	15,88	15,75	7,92	32,7	36,5	24,0	3,25	56,7/12886	65,7	1,70
216AH	2080H	50,80	15,88	15,75	7,92	36,2	39,4	24,0	4,00	56,7/12886	70,0	2,17
216B		50,80	15,88	17,02	8,28	36,1	39,1	21,0	4,15/3,1	60,0/13636	72,8	1,75
220A	2100	63,50	19,05	18,90	9,53	40,4	44,7	30,0	4,00	88,5/20114	102,6	2,55
220B		63,50	19,05	19,56	10,19	41,3	45,0	26,4	4,5/3,5	95,0/14773	106,7	2,62
224A	2120	76,20	22,23	25,22	11,10	50,3	54,3	35,7	4,80	127,0/28864	147,3	4,06
224B		76,20	25,40	25,40	14,63	53,4	57,8	33,2	6,0/4,8	160,0/36364	178,0	4,70
228B		88,90	27,94	30,99	15,90	65,1	69,5	36,7	7,5/6,0	200,0/45455	222,0	6,23
232B		101,60	29,21	30,99	17,81	66,0	71,0	42,0	7,0/6,0	250,0/56818	277,5	6,72

3 Transmissions

Double pitch conveyor chains with attachments

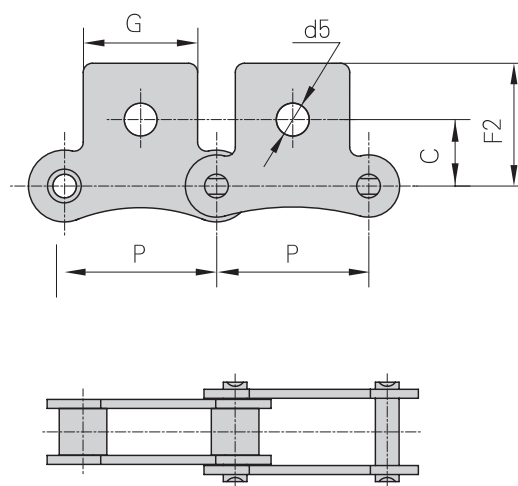
Bent and straight

K1/1



Example every 4th pitch = K1/4

SK1/1



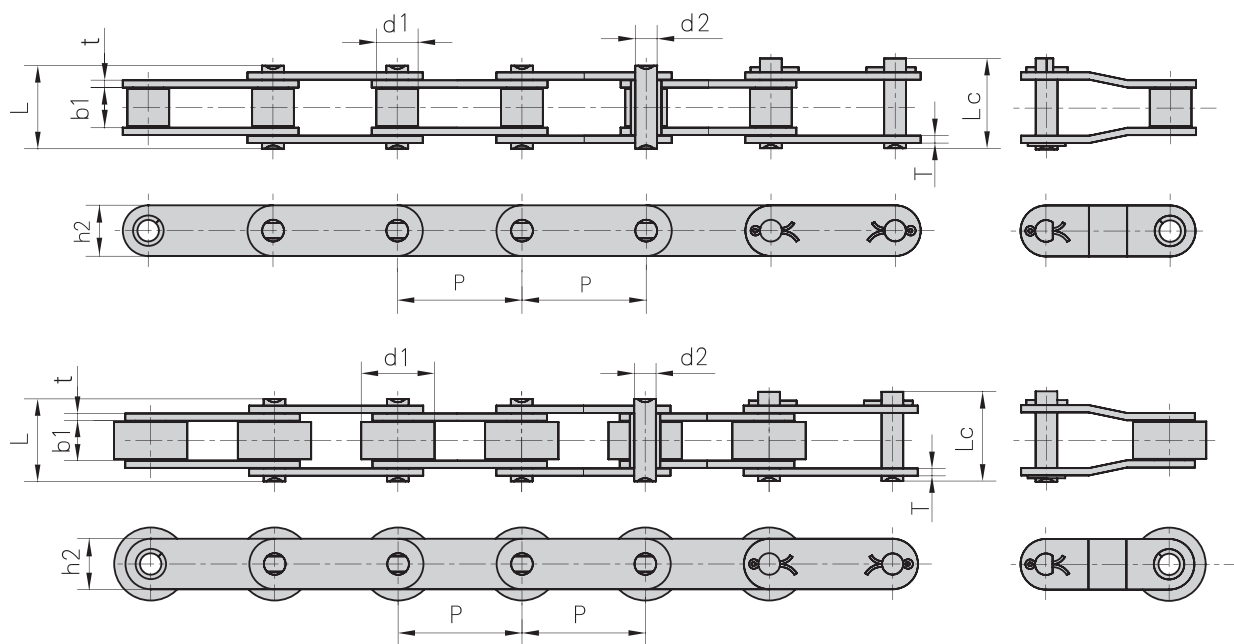
Example every 4th pitch = SK1/4

DIN ref.	ANSI ref.	P	G	F1	W	h4	d4	C	F2	d5
		mm	mm	mm	mm	mm	mm	mm	mm	mm
208A	2040	25,40	19,1	25,4	39,6	9,1	3,4	11,1	20,5	5,5
210A	2050	31,75	23,8	31,8	49,0	11,1	5,5	14,3	25,0	6,6
212A	2060	38,10	28,6	42,9	67,8	14,7	5,5	17,5	32,9	9,2
216A	2080	50,80	38,1	55,6	87,8	19,1	6,8	22,2	43,5	11,0
220A	2100	63,50	47,6	66,6	107,5	23,4	9,2	28,6	50,4	13,0
224A	2120	76,20	57,2	79,3	121,4	27,8	10,5	33,3	55,5	15,0
208B		25,40	23,2	25,4	39,6	9,1	4,5	11,1	20,5	5,5
210B		31,75	23,8	31,8	49,0	11,1	5,5			
212B		38,10	35,0	38,1	57,0	14,7	6,6			
216B		50,80	44,0	50,8	84,0	19,1	6,6			
220B		63,50	52,0	63,5	104,0	23,4	8,4			
224B		76,20	60,0	76,2	120,0	27,8	10,5			

3 Transmissions

Double pitch straight side plates conveyor chains DIN 8187/8188 - ISO 606 - European / ANSI - American standard

Simplex



DIN ref.	ANSI ref.			Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
		P	d1 max			L max	Lc max					
		mm	mm			mm	mm					
C208A C208AL	C2040 C2042 *	25,40	7,95 15,88	7,85	3,96	16,6	17,8	12,0	1,50	14,1/3205	16,7	0,50 0,84
C208AH	C2040H	25,40	7,95	7,85	3,96	18,8	19,9	12,0	2,03	14,1/3205	17,2	0,65
C208B C208BL		25,40	8,51 15,88	7,75	4,45	16,7	18,2	11,8	1,60	18,0/4091	19,4	0,55 0,89
C210A C210AL	C2050 C2052 *	31,75	10,16 19,05	9,40	5,08	20,7	22,2	15,0	2,03	22,2/5045	28,1	1,78 1,27
C212A C212AL	C2060 C2062 *	38,10	11,91 22,23	12,57	5,94	25,9	27,7	18,0	2,42	31,8/7227	36,8	1,12 1,61
C212AH C212AHL	C2060H C2062H *	38,10	11,91 22,23	12,57	5,94	29,2	31,6	18,0	3,25	31,8/7227	41,6	1,44 2,07
C216A C216AL	C2080 C2082 *	50,80	15,88 28,58	15,75	7,92	32,7	36,5	24,0	3,25	56,7/12886	65,7	2,08 3,12
C216AH C216AHL	C2080H C2082H *	50,80	15,88 28,58	15,75	7,92	36,2	39,4	24,0	4,00	56,7/12886	70,0	2,54 3,58
C220A C220AL	C2100 C2102 *	63,50	19,05 39,67	18,90	9,53	40,4	44,7	30,0	4,00	88,5/20114	102,6	3,01 4,83
C220AH C220AHL	C2100H C2102H *	63,50	19,05 39,67	18,90	9,53	43,6	46,9	30,0	4,80	88,5/20114	112,4	3,56 5,38
C224A C224AL	C2120 C2122 *	76,20	22,23 44,45	25,22	11,10	50,3	54,3	35,7	4,80	127,0/28864	147,3	4,66 7,66
C224AH C224AHL	C2120H C2122H *	76,20	22,23 44,45	25,22	11,10	53,5	57,5	35,7	5,60	127,0/28864	160,9	5,26 8,26
C232A C232AL	C2160 C2162 *	101,60	28,58 57,15	31,75	14,27	64,8	69,6	47,8	6,40	226,8/51545	278,9	8,15 13,00
C232AH C232AHL	C2160H C2162H *	101,60	28,58 57,15	31,75	14,27	68,2	73,0	47,8	7,20	226,8/51545	285,8	9,06 12,77

* Type with large rollers

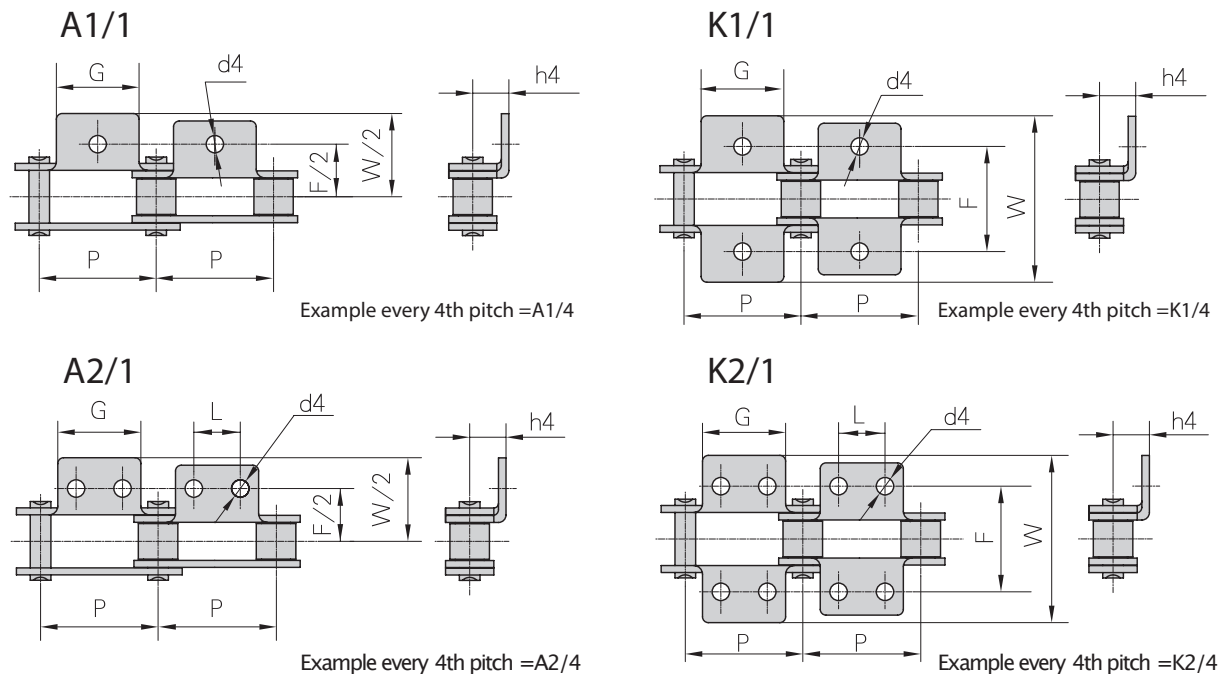
3 Transmissions

Double pitch straight side plates conveyor chains

DIN 8187 / 8188 with attachments

ISO 606 - European / ANSI - American standard

Bent, one or two holes



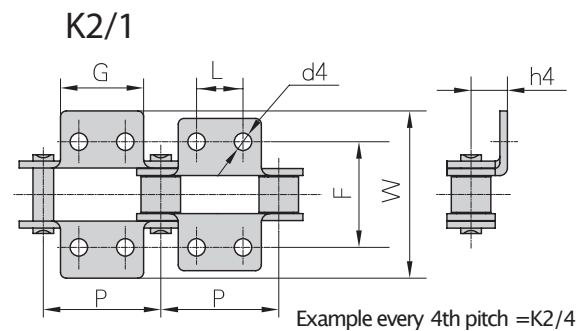
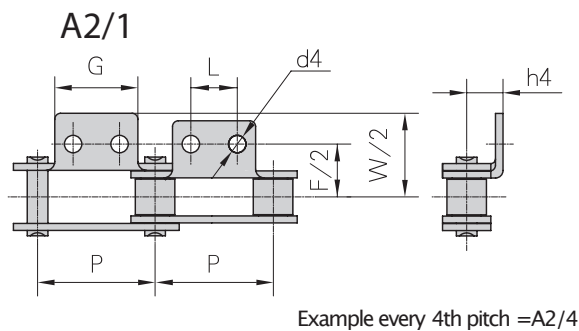
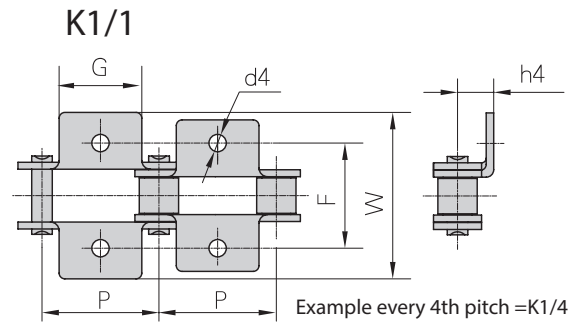
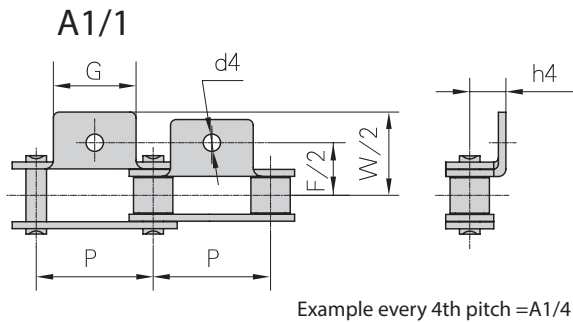
DIN ref.	ANSI ref.	P	G	L	F	W	h4	d4
		mm	mm	mm	mm	mm	mm	mm
C208A C208AL	C2040 C2042 *	25,40	19,1	9,5	25,4	39,6	9,1	3,4
C208B C208BL		25,40	23,2	12,7	25,4	39,6	9,1	4,5
C210A C210AL	C2050 C2052 *	31,75	23,8	11,9	31,8	49	11,1	5,5
C212A C212AL	C2060 C2062 *	38,10	28,6	14,3	42,9	67,8	14,7	5,5
C212AH C212AHL	C2060H C2062H *	38,10	28,6	14,3	42,9	67,8	14,7	5,5
C216A C216AL	C2080 C2082 *	50,80	38,1	19,1	55,6	87,8	19,1	6,8
C216AH C216AHL	C2080H C2082H *	50,80	38,1	19,1	55,6	87,8	19,1	6,8
C220A C220AL	C2100 C2102 *	63,50	47,6	23,8	66,6	107,5	23,4	9,2
C220AH C220AHL	C2102H C2102H *	63,50	47,6	23,8	66,6	107,5	23,4	9,2
C224A C224AL	C2120 C2122 *	76,20	57,2	28,6	79,3	121,4	27,8	11,0
C224AH C224AHL	C2120H C2122H *	76,20	57,2	28,6	79,3	121,4	27,8	11,0
C232A C232AL	C2160 C2162 *	101,60	76,2	38,1	104,7	151,6	36,5	13,1
C232AH C232AHL	C2160H C2162H *	101,60	76,2	38,1	104,7	151,6	36,5	13,1

*Type with large rollers see page A-33

3 Transmissions

Double pitch straight side plates conveyor chains DIN 8187 / 8188 with attachments

Bent, one or two holes

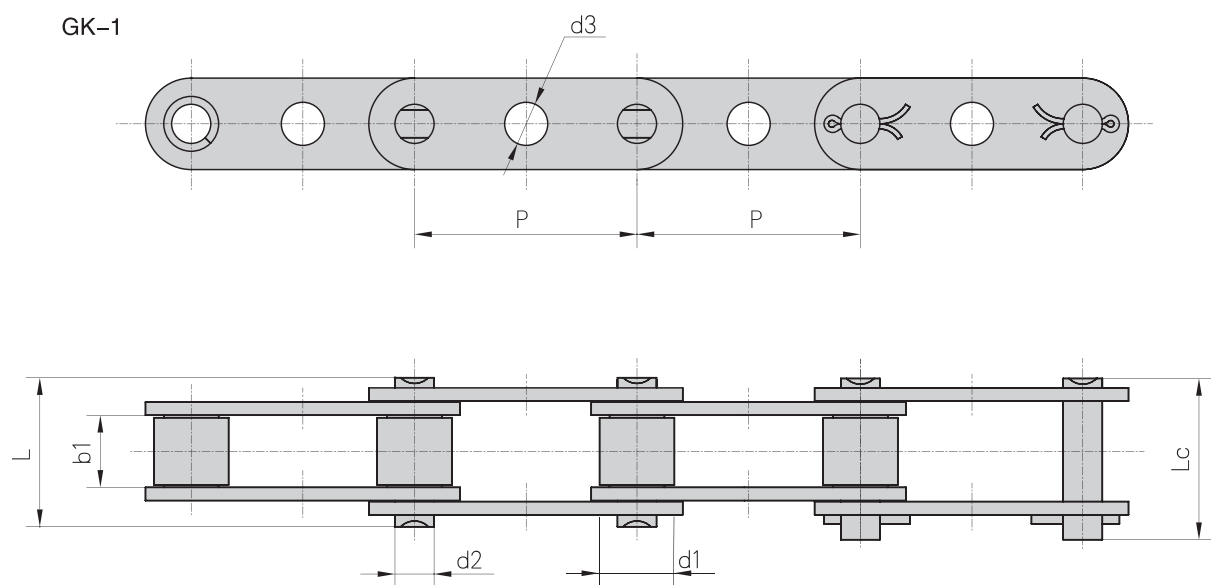


DIN / ANSI ref.	P	G	L	F	W	h4	d4
	mm	mm	mm	mm	mm	mm	mm
C208AF1	25,40	19,0		25,7	38,3	8,8	4,1
C2042F1	25,40	19,0		25,4	40,0	9,0	5,2
C2040A1F3	25,40	19,0		25,4	38,2	19,8	5,3
C2042A1F4	25,40	19,0		25,4	39,6	9,1	5,0
C2040A2F1	25,40	19,0	9,00	25,4	38,4	9,0	5,2
C2042HK1F1	25,40	19,0		47,0	60,0	9,1	7,0
C2050A1F6	31,75	23,8		31,8	49,0	11,4	6,3
C2052A2F1	31,75	19,0	11,90	31,8	49,0	11,1	6,0
C2052A2F2	31,75	19,0	15,88	31,8	49,0	11,1	5,5
C2052A2F3	31,75	25,8	12,70	31,8	49,2	11,1	4,8
C2060K1F1	38,10	28,6		42,9	68,0	14,7	8,5
C2062HK1F5	38,10	28,6		42,9	67,8	14,7	7,9
C2062A1F13	38,10	30,0		70,2	98,0	14,7	8,5
C2062A2F6	38,10	28,6	14,30	42,9	67,8	14,7	6,0
C2062K2F7	38,10	28,6	14,30	42,9	67,8	14,7	6,5
C2060HF3A2	38,10	28,6	14,30	42,9	67,8	14,7	5,2
C2062HF15	38,10	28,6	14,30	42,9	67,8	14,7	M5
C2060HK1F	38,10	28,6		42,9	67,8	14,7	8,0
C2062HA1F4	38,10	20,0		45,8	65,8	9,0	6,8
C2062HK1F5	38,10	28,6		42,9	67,8	14,7	7,9
C2062HA1F7	38,10	28,6		42,9	67,8	14,7	5,2
C2060HA1F12	38,10	28,0		43,4	61,8	13,9	6,6
C2060HK2F3	38,10	28,6	14,30	42,9	64,8	14,7	5,0
C2062HK2F4	38,10	28,6	14,30	42,9	56,4	14,7	5,2
C2062HK2F5	38,10	28,6	14,30	55,6	76,0	11,1	5,5
C216AF3	50,80	39,0	19,10	59,0	78,5	23,0	7,0
C2082A2F1	50,80	39,0	19,10	58,0	82,0	21,5	7,0
C2082A2F2	50,80	39,0	19,10	58,0	82,0	21,5	10,0
C2082K2F5	50,80	38,1	19,10	120,0	140,0	19,1	6,8
C2080HF	50,80	38,1	19,10	55,6	75,2	17,8	10,0

3 Transmissions

Special double straight side plates conveyor chains - DIN 8187 / 8188

Central holes



DIN ref.	ANSI ref.	P	b1	d1 Ø	d2 Ø	d3 Ø	L	Lc
		mm	mm	mm	mm	mm	mm	mm
C208A C208AL	C2040 C2042 *	25,40	7,85	7,95 15,88	3,96	4,1	16,6	18,8
C210A C210AL	C2050 C2052 *	31,75	9,40	10,16 19,05	5,08	5,1	20,7	23,3
C212A C212AL	C2060 C2062 *	38,10	12,57	11,91 22,23	5,94	6,1	25,9	28,3
C212AH C212AHL	C2060H C2062H *	38,10	12,57	11,91 22,23	5,94	6,1	29,2	31,6
C216A C216AL	C2080 C2082 *	50,80	15,75	15,88 28,56	7,92	8,1	32,7	36,5
C216AH C216AHL	C2080H C2082H *	50,80	15,75	15,88 28,56	7,92	8,1	36,2	39,4
C220A C220AL	C2100 C2102 *	63,50	18,90	19,05 39,67	9,53	10,1	40,4	44,7
C220AH C220AHL	C2100H C2102H *	63,50	18,90	19,05 39,67	9,53	10,1	43,6	46,9

* Type with large rollers see page A-33

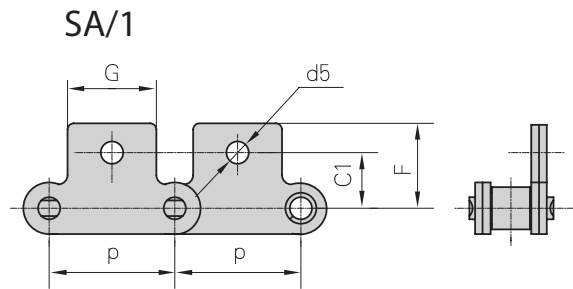
3 Transmissions

Double pitch conveyor chains - DIN 8187 / 8188

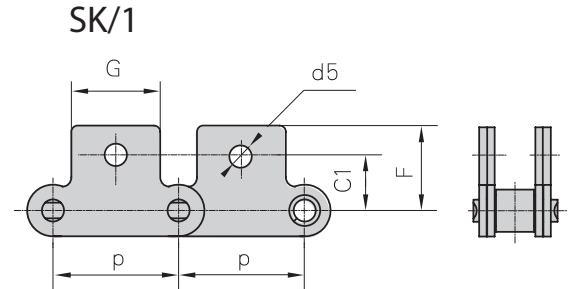
with attachments

ISO 606 - European / ANSI - American standard

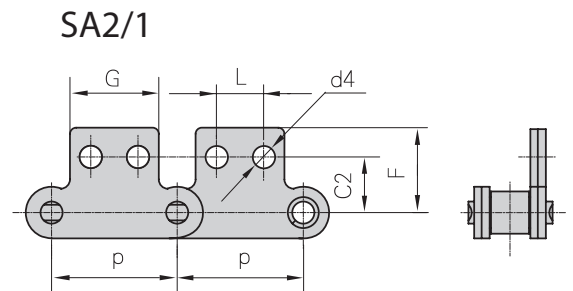
Straight, one or two holes



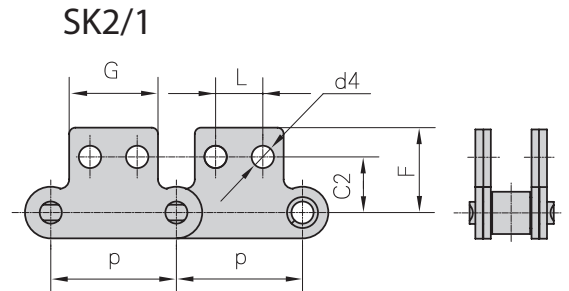
Example every 4th pitch =SA1/4



Example every 4th pitch =SK1/4



Example every 4th pitch =SA2/4



Example every 4th pitch =SK2/4

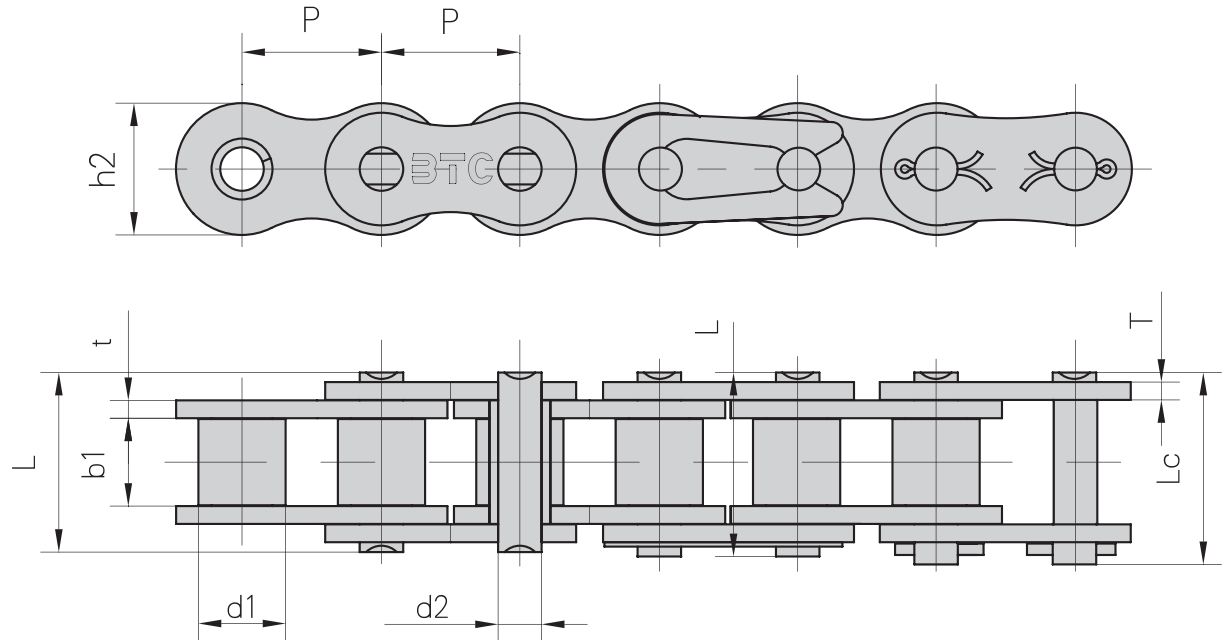
DIN ref.	ANSI ref.	P	G	L	C1	C2	F	d4	d5
		mm	mm	mm	mm	mm	mm	mm	mm
C208A C208AL	C2040 C2042 *	25,40	19,10	9,50	11,10	13,50	20,50	3,40	5,50
C208B C208BL		25,40	23,20	12,70	11,10	13,50	20,50	4,50	5,50
C210A C210AL	C2050 C2052 *	31,75	23,80	11,90	14,30	15,90	25,00	5,50	6,60
C212A C212AL	C2060 C2062 *	38,10	28,60	14,30	17,50	19,10	32,90	5,50	9,20
C212AH C212AHL	C2060H C2062H *	38,10	28,60	14,30	17,50	19,10	32,90	5,50	9,20
C216A C216AL	C2080 C2082 *	50,80	38,10	19,10	22,20	25,40	43,50	6,60	11,00
C216AH C216AHL	C2080H C2082H *	50,80	38,10	19,10	22,20	25,40	43,50	6,60	11,00
C220A C220AL	C2100 C2102 *	63,50	47,60	23,80	28,60	31,80	50,40	8,40	13,00
C220AH C220AHL	C2100H C2102H *	63,50	47,60	23,80	28,60	31,80	50,40	8,40	13,00

* Type with large rollers see page A-33

3 Transmissions

Stainless steel roller chains - DIN 8187 / 8188 ISO 606 - European / ANSI - American standard

Simplex



DIN / ANSI ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Ultimate tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	F _b min.	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN	kg/m
*25SS	6,35	3,30	3,18	2,31	7,90	8,40	6,00	0,80	2,5/568	0,15
*35SS	9,525	5,08	4,77	3,58	12,40	13,20	9,00	1,30	5,5/1250	0,33
40SS	12,70	7,95	7,85	3,96	16,60	17,80	12,00	1,50	9,6/2182	0,63
41SS	12,70	7,77	6,25	3,58	13,80	15,00	9,91	1,30	6,0/1360	0,46
50SS	15,875	10,16	9,40	5,08	20,70	22,20	15,09	2,03	15,2/3455	1,03
60SS	19,05	11,91	12,57	5,94	25,90	27,70	18,00	2,42	21,7/4932	1,51
80SS	25,40	15,88	15,75	7,92	32,70	35,00	24,00	3,25	38,9/8841	2,62
100SS	31,75	19,05	18,90	9,53	40,40	44,70	30,00	4,00	60,0/13636	3,94
120SS	38,10	22,23	25,22	11,10	50,30	54,30	35,70	4,80	72,5/16477	5,72
140SS	44,45	25,40	25,22	12,70	54,40	59,00	41,00	5,60	94,0/21363	7,70
04SS	6,00	4,00	2,80	1,85	6,80	7,80	5,00	0,60	2,0/455	0,11
05BSS	8,00	5,00	3,00	2,31	8,20	8,90	7,10	0,80	3,5/795	0,20
#06BSS	9,525	6,35	5,72	3,28	13,20	14,10	8,20	1,30	6,2/1409	0,41
08BSS	12,70	8,51	7,75	4,45	16,70	18,20	11,80	1,60	12,0/2727	0,70
10 BSS	15,875	10,16	9,65	5,08	19,50	20,90	14,70	1,70	14,5/3295	0,94
12BSS	19,05	12,07	11,68	5,72	22,50	24,20	16,00	1,85	18,5/4205	1,16
16BSS	25,40	15,88	17,02	8,28	36,10	37,40	21,00	4,15/3,1	40,0/9091	2,73
20BSS	31,75	19,05	19,56	10,19	41,30	45,00	26,40	4,5/3,5	59,0/13409	3,73
24BSS	38,10	25,40	25,40	14,63	53,40	57,80	33,20	6,0/4,8	104,0/25454	7,20
32BSS	50,80	29,21	30,99	17,81	66,00	71,00	42,00	7,0/6,0	150,0/34090	10,22

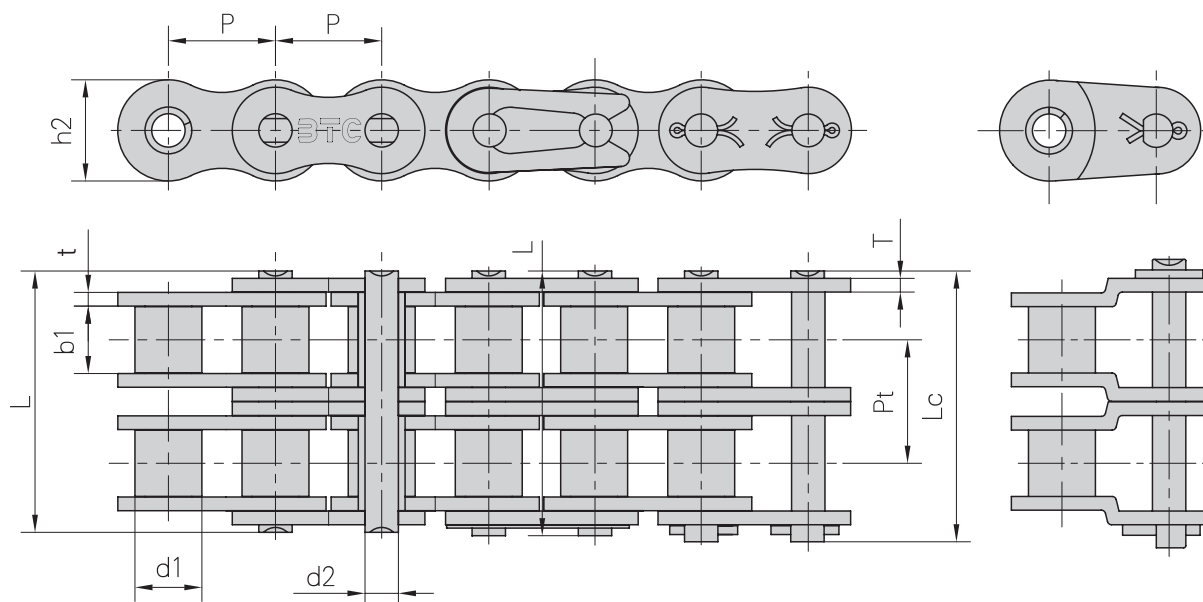
* Bushing chains: d1 in the table indicate the external diameter of the bushing

Straight side plates

3 Transmissions

Stainless steel roller chains - DIN 8187 / 8188 ISO 606 - European / ANSI - American standard

Duplex



DIN ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Ultimate tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Pt	F _B min	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kg/m
05B-2SS	8,00	5,00	3,00	2,31	13,9	14,5	7,10	0,80	5,64	6,2/1409	0,36
*06B-2SS	9,525	6,35	5,72	3,28	23,4	24,4	8,20	1,30	10,24	11,9/2704	0,78
08B-2SS	12,70	8,51	7,75	4,45	31,2	32,2	11,80	1,60	13,92	20,8/4265	1,36
10B-2SS	15,87	10,16	9,65	5,08	36,1	37,5	14,70	1,70	16,59	26,3/5976	1,92
12B-2SS	19,05	12,07	11,68	5,72	42,0	43,6	16,00	1,85	19,46	35,4/8044	2,44
16B-2SS	25,40	15,875	17,02	8,28	68,0	69,3	21,00	4,15/3,1	31,88	68,0/15452	5,58
20B-2SS	31,75	19,05	19,56	10,19	77,8	81,5	26,40	4,5/3,5	36,45	110,6/24996	7,77
24B-2SS	38,10	25,40	25,40	14,63	101,7	106,2	33,20	6,0/4,8	48,36	182/41403	14,48

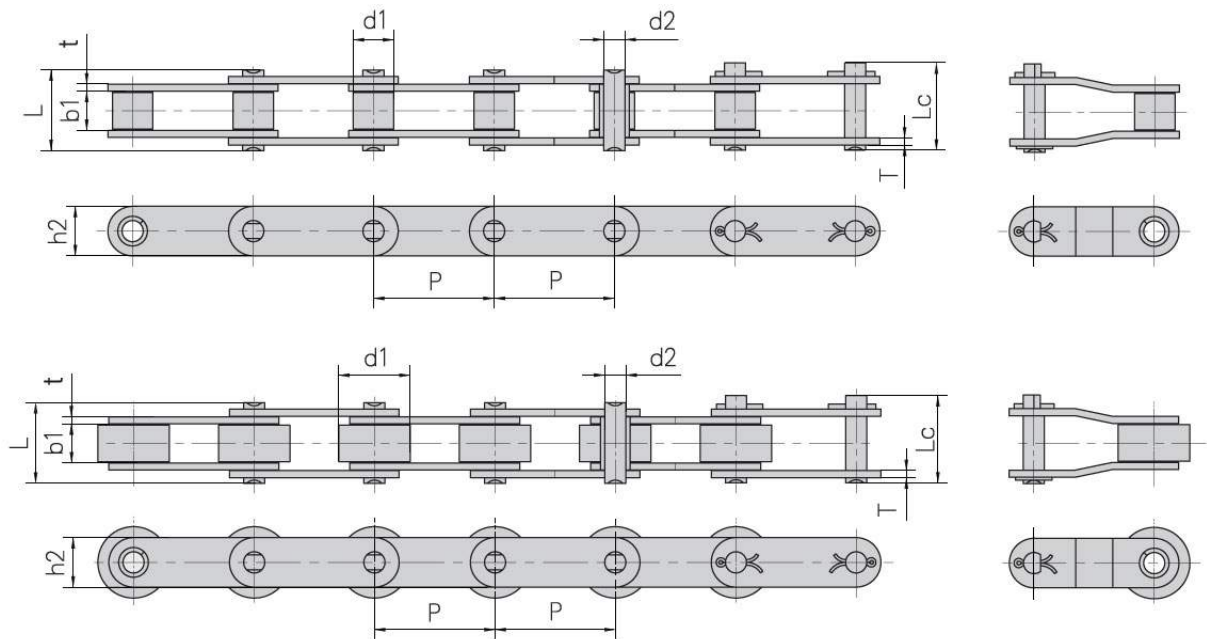
DIN ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Ultimate tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Pt	F _B min	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kg/m
*35-2SS	9,525	5,08	4,77	3,58	22,5	23,3	9,00	1,30	10,13	10,8/4045	0,70
40-2SS	12,70	7,95	7,85	3,96	31,0	32,2	12,00	1,50	14,38	17,9/4068	1,30
50-2SS	15,87	10,16	9,40	5,08	38,9	40,4	15,09	2,03	18,11	28,9/6567	2,10
60-2SS	19,05	11,91	12,57	5,94	48,8	50,5	18,00	2,42	22,78	36,5/8294	3,09
80-2SS	25,40	15,875	15,75	7,92	62,7	64,3	24,00	3,25	29,29	67,2/15270	5,20
100-2SS	31,75	19,05	18,90	9,53	76,4	80,5	30,00	4,00	35,76	109,1/24791	8,01
120-2SS	38,10	22,23	25,22	11,10	95,8	99,7	35,70	4,80	45,44	165,1/37517	11,84

* Straight side plates

3 Transmissions

Double pitch stainless steel conveyor chains

Simplex



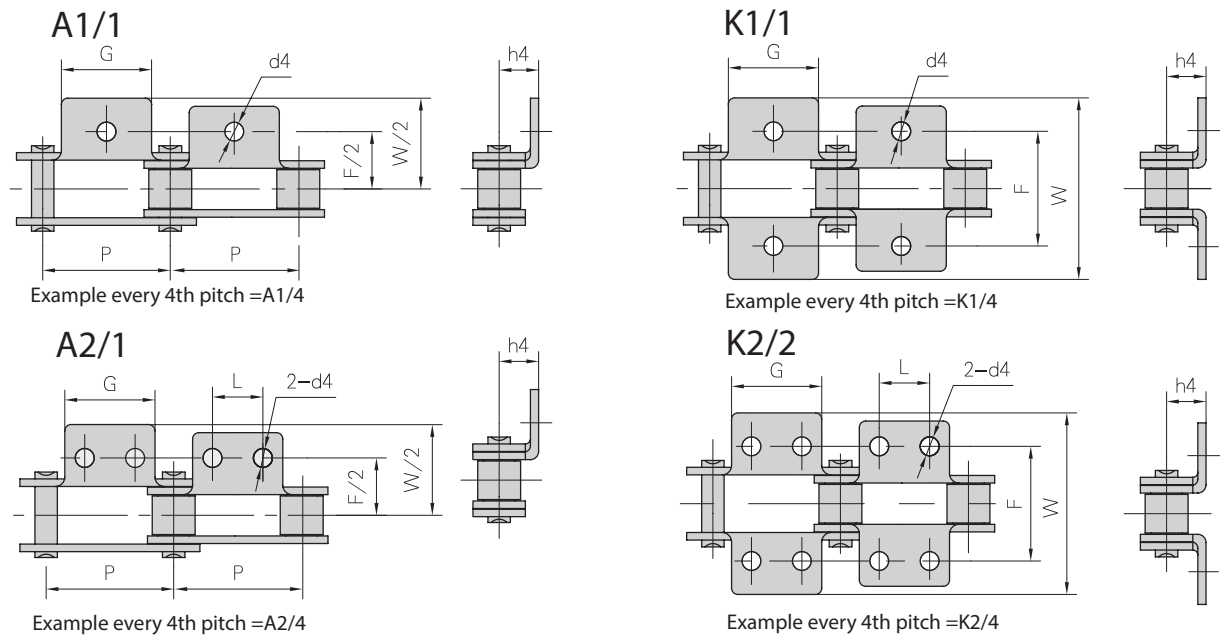
ANSI / DIN ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Ultimate tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	F _b min.	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kg/m
C2040SS C2042SS *	25,40	7,95 15,875	7,85	4,0	16,6	17,8	12,0	1,50	9,6/2182	0,51 0,85
C2040HSS	25,40	7,95	7,85	4,0	18,8	19,9	12,0	2,03	9,6/2182	0,66
C208BSS C208BLSS *	25,40	8,51 15,875	7,75	4,5	16,7	18,2	11,8	1,60	12,0/2727	0,56 0,90
C2050SS C2052SS *	31,75	10,16 19,05	9,40	5,1	20,7	22,2	15,0	2,03	15,2/3455	0,79 1,29
C2060SS C2062SS *	38,10	11,91 22,23	12,57	5,9	25,9	27,7	18,0	2,42	21,7/4932	1,13 1,63
C2060HSS C2062HSS *	38,10	11,91 22,23	12,57	5,9	29,2	31,6	18,0	3,25	21,7/4932	1,46 2,10
C2080SS C2082SS *	50,80	15,875 28,58	15,75	7,9	32,7	36,5	24,0	3,25	38,9/8841	2,11 3,16
C2080HSS C2082HSS *	50,80	15,875 28,58	15,75	7,9	36,2	39,4	24,0	4,00	38,9/8841	2,57 3,63
C2100SS C2102SS *	63,50	19,05 39,67	18,90	9,5	40,4	44,7	30,0	4,00	60,0/13636	3,05 4,89
C2100HSS C2102HSS *	63,50	19,05 39,67	18,90	9,5	43,6	46,9	30,0	4,80	60,0/13636	3,61 5,45

* Type with large rollers see page A-31

3 Transmissions

Double pitch stainless steel conveyor chains with attachments

Bent, one or two holes



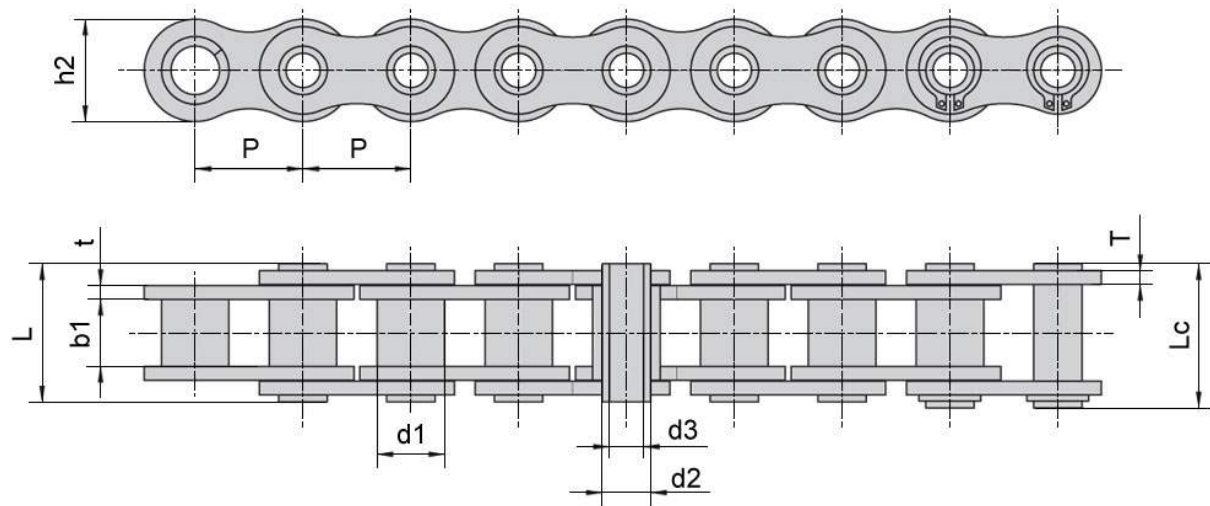
ANSI / DIN ref.	P	G	L	F	W	h4	d4
	mm	mm	mm	mm	mm	mm	mm
C2040SS C2042SS *	25,40	19,1	9,5	25,4	39,6	9,1	3,4
C208BSS C208BLSS *	25,40	23,2	12,7	25,4	39,6	9,1	4,5
C2050SS C2052SS *	31,75	23,8	11,9	31,8	49,0	11,1	5,5
C2060SS C2062SS *	38,10	28,6	14,3	42,9	67,8	14,7	5,5
C2060HSS C2062HSS *	38,10	28,6	14,3	42,9	67,8	14,7	5,5
C2080SS C2082SS *	50,80	38,1	19,1	55,6	87,8	19,1	6,8
C2080HSS C2082HSS *	50,80	38,1	19,1	55,6	87,8	19,1	6,8
C2100SS C2102SS *	63,50	47,6	23,8	66,6	107,5	23,4	9,2
C2100HSS C2102HSS *	63,50	47,6	23,8	66,6	107,5	23,4	9,2

* Type with large rollers

3 Transmissions

Hollow pin bushing chains (without roller)

Simplex



DIN / ANSI ref.	Pitch	Bush diameter	Width between inner plates	Pin diameter		Pin length		Inner plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	p	d_1 max	b_1 min	d_2 max	d_3 max	L max	L_c max	h_2 max	t/T max	F_B min	F_{BA} min	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
08BHP	12,70	8,51	7,75	6,55	4,50	16,4	17,6	11,80	1,6/1,3	11,1/2523	12,1	0,56
10BHPF4	15,875	10,16	9,50	7,20	5,00	19,8	21,3	14,00	2,03/1,6	12,5/2840	14,0	0,82
10BHP	15,875	10,16	9,65	7,02	5,00	19,5	20,5	14,70	1,70	10,0/2272	11,5	0,86
12BHP	19,05	12,07	11,68	8,09	6,00	22,7	23,9	16,10	1,85	14,0/3180	16,0	0,82
16BHPF4	25,40	11,70	13,50	8,00	4,30	28,9	30,2	21,30	3,00	30,0/6818	33,0	1,81
16BHP	25,40	15,875	17,02	11,50	8,10	35,3	37,0	23,20	4,0/3,1	49,0/11136	52,2	2,26
40HP	12,70	7,95	7,85	5,63	4,00	16,5	17,6	12,00	1,50	11,0/2500	12,2	0,54
50HP	15,875	10,16	9,40	7,03	5,13	20,7	21,9	15,09	2,03	20,0/4545	22,6	0,91
50H HP	15,875	10,16	9,40	7,03	5,13	22,6	24,4	15,09	2,42	21,9/4976	23,9	1,05
60HPF1	19,05	11,91	12,70	8,31	5,01	25,5	26,8	18,00	2,42	28,0/6364	30,9	1,37
60HP	19,05	11,91	12,70	8,31	6,05	25,8	26,8	18,00	2,42	24,0/5455	26,9	1,29
80HPF4	25,40	11,70	13,50	7,80	4,10	29,0	30,5	21,50	3,00	40,0/9091	43,2	1,77
80HP	25,40	15,875	15,75	11,40	8,05	32,5	33,8	24,00	3,25	50,0/11364	52,0	2,26
80HPF2	25,40	15,875	15,75	11,40	8,40	32,5	33,8	24,00	3,25	45,0/10227	48,0	2,23
80H HP	25,40	15,875	15,75	11,40	8,05	35,7	37,0	24,00	4,00	50,0/11364	52,0	2,63
38.1HP	38,10	18,00	15,20	14,00	10,20	34,5	36,5	27,00	3,70	45,0/10227	48,0	2,46

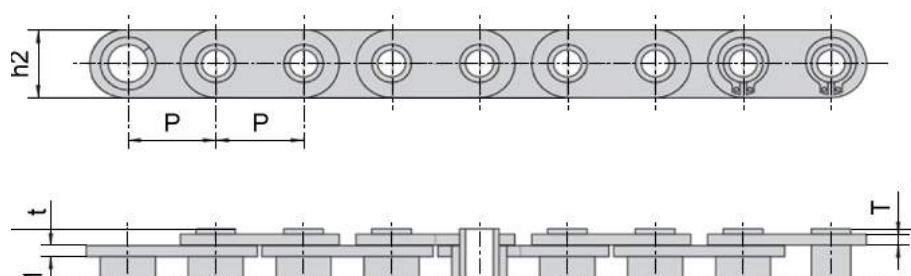
Nickel plated or zinc plated on request. (Stainless Steel see page A-46)

3 Transmissions

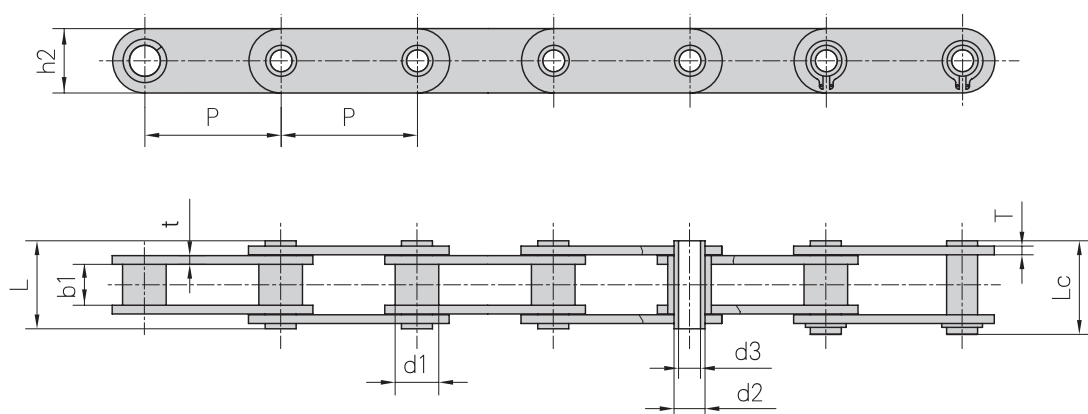
Hollow pin & double pitch bushing chains (without rollers)

Simplex

Type A



Type B



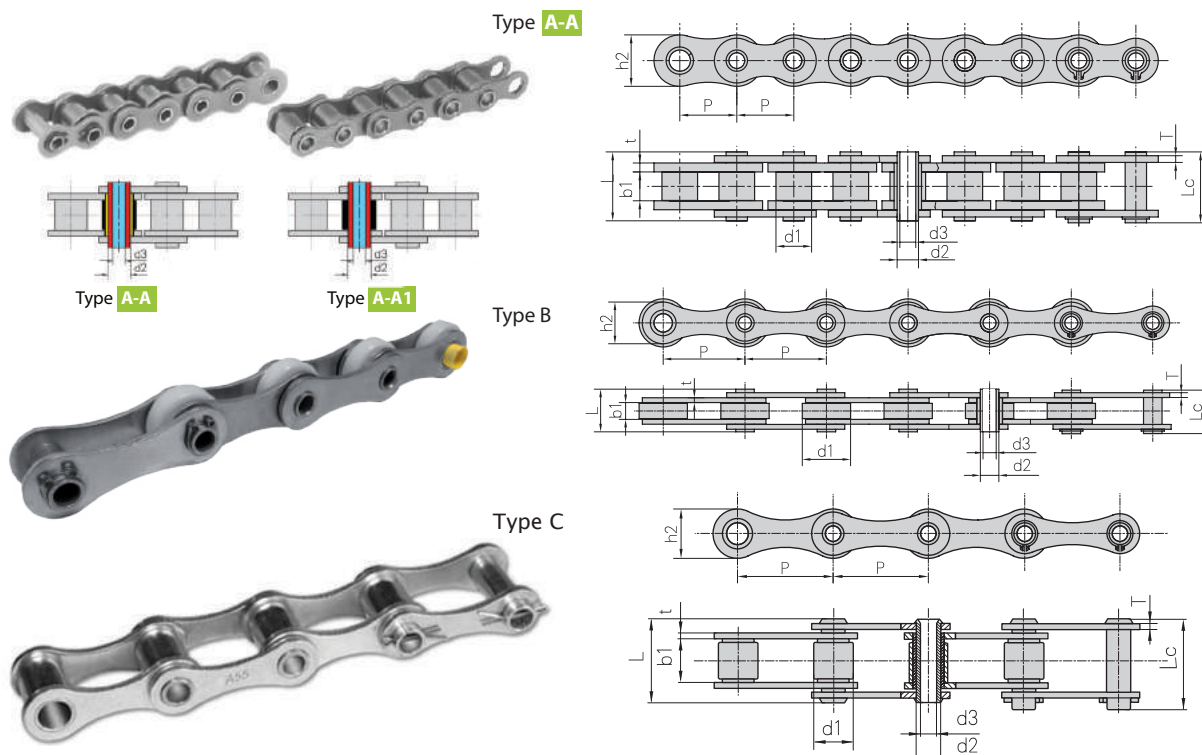
DIN / ANSI ref.	Pitch	Bush diameter	Width between inner plates	Pin diameter		Pin length		Inner plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter	
	P	d1 max	b1 min	d2 max	d3 min	L max	Lc max	h2 max	t/T max	F _B min	F _{BA}	q	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m	
C40HP	12,70	7,95	7,85	5,63	4,00	16,5	17,6	12,00	1,50	11,0/2500	12,2	0,64	A
C50HP	15,87	10,16	9,40	7,03	5,13	20,7	21,9	15,09	2,03	20,0/4545	22,6	1,05	A
C60HP	19,05	11,91	12,70	8,31	6,00	25,8	26,8	18,00	2,42	24,0/5455	26,9	1,52	A
C80HP	25,40	15,88	15,75	11,40	8,05	32,5	33,8	24,00	3,25	50,0/11364	52,0	2,63	A
HP40F1	40,00	18,00	22,00	12,00	8,00	47,5	48,2	35,00	5,00	57,0/13049	63,8	5,38	A
HP40F2	40,00	18,00	22,00	12,00	8,20	47,5	48,2	35,00	5,00	57,0/13049	63,0	5,37	A
HP50F1	50,00	26,00	14,50	20,00	14,70	35,3	36,2	40,00	3,10	30,0/6818	33,6	3,98	A
C2040HP	25,40	7,95	7,85	5,63	4,00	16,5	17,6	12,00	1,50	11,0/2500	12,6	0,46	B
C2050HP	31,75	10,16	9,40	7,22	5,12	20,5	21,8	15,00	2,03	20,4/4636	22,8	0,76	B
C2060HP	38,10	11,91	12,70	8,31	6,00	25,8	26,8	17,00	2,42	24,0/5455	27,1	1,02	B
C2080HP	50,80	15,88	15,75	11,40	8,05	32,5	33,8	24,00	3,25	50,0/11364	52,0	1,81	B

Nickel plated or zinc plated on request.

3 Transmissions

Hollow pin roller chains

Simplex



DIN / ANSI ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter		Pin length		Inner plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter	T Y P E
	P	d1 max	b1 min	d2 max	d3 max	L max	Lc max	h2 max	t/T max	F _B min	F _{BA} min	q	
	mm	mm	mm	mm		mm	mm	mm	mm	kN/LB	kN	kg/m	
08BHB	12,70	8,51	7,75	6,30	4,20	16,8	18,0	12,00	1,60	12,00/2827	13,1	0,60	A-A1
10BHB	15,875	10,16	9,65	5,94	4,10	19,3	20,6	14,70	1,70	17,00/3864	20,8	0,86	A-A
12BHB	19,05	12,07	11,68	6,50	4,05	21,6	22,8	15,90	1,85	23,60/5364	25,9	1,09	A-A
12BHB F1	19,05	12,07	11,68	8,00	5,20	22,7	23,9	15,90	1,85	25,00/5682	26,8	1,10	A-A1
60HB	19,05	11,91	12,70	7,00	5,10	26,3	27,6	18,00	2,42	20,00/4545	22,4	1,41	A-A
60HB SP	19,05	11,91	12,70	8,30	6,30	25,6	26,6	14,00	2,42	20,20/4590	22,5	1,40	A-A1
16BHB F1	25,40	15,875	12,70	9,53	7,05	30,8	32,2	23,00	4,15/3,1	40,00/9091	45,0	2,28	A-A
16BHB F4	25,40	15,875	17,02	6,05	4,20	28,0	29,0	14,00	2,03	10,00/2248	11,0	1,50	A-A
HB35	35,00	20,00	16,00	13,35	10,20	30,4	31,6	26,30	2,50	23,52/5345	26,4	2,02	C
HB38,1	38,10	20,00	8,00	8,00	5,30	19,6	20,7	17,30	2,03	28,00/5682	28,8	0,98	B
HB38,1 F1	38,10	20,00	18,00	10,50	5,10	39,0	40,3	22,00	4,00	60,00/13636	64,3	2,59	B
HB38,1 F3	38,10	25,40	12,70	12,00	8,30	27,0	28,6	21,00	2,50	25,00/5620	28,8	1,51	B
HB38,1 F9	38,10	22,20	12,70	11,00	8,15	26,5	27,5	18,00	2,50	22,00/5000	24,4	1,46	B
HB40	40,00	26,00	10,00	11,40	8,20	26,5	28,0	24,00	3,00	50,00/11240	56,7	2,20	B
HB41,4 **	41,40	25,40	15,00	13,80	10,50	36,5	37,0	32,00	4,00	45,00/10116	49,5	3,66	**
A55 ZP	41,75	17,10	20,20	11,11	8,20	35,7	39,0	21,65	3,10	26,50/6022	29,2	1,60	C
A55V ZP	41,75	17,10	20,20	11,11	8,20	35,7	39,0	25,26	3,10	35,00/7954	38,5	2,04	C
HB50	50,00	30,00	10,50	11,40	8,20	27,4	28,6	26,00	3,10	50,00/11364	53,6	2,23	B
HB50 F2	50,00	31,00	15,00	13,20	10,20	36,5	38,0	25,00	4,00	40,00/9091	43,2	3,40	B
HB50,80 *	50,80	30,00	10,50	11,40	8,20	27,4	28,6	26,00	3,10	50,00/11364	53,6	2,56	B
HB63	63,00	30,00	10,00	11,40	8,10	26,7	28,1	26,50	3,10	50,00/11364	53,6	2,07	B
HB100	100,00	30,00	10,50	11,40	8,20	27,4	28,6	26,00	3,10	50,00/11364	53,6	1,56	B

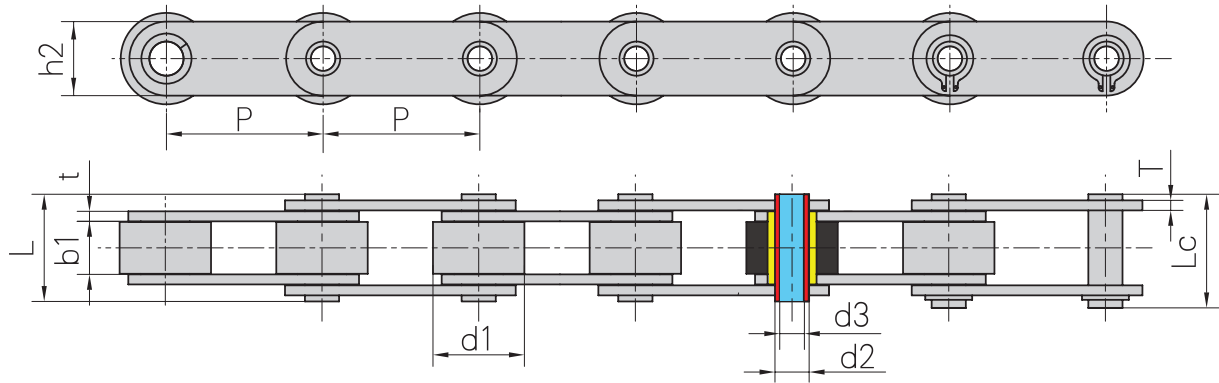
* Also available in zinc plated complete or zinc plated with or without thermoplastic bushing and with or without PA6 roller.

** With straight side plates. (Stainless Steel - see pages A-46 & A-47)

3 Transmissions

Hollow pin double pitch conveyor chains

Simplex



DIN / ANSI ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter		Pin length		Inner plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	d3 max	L max	Lc max	h2 max	t/T max	F _B min	F _{BA} min	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
C2040HP	25,40	15,875	7,85	5,63	4,00	16,5	17,60	12,00	1,50	11,0/2500	12,6	0,78
C2052HP	31,75	19,05	9,53	7,22	5,12	20,5	21,80	15,00	2,03	20,4/4636	22,8	1,25
C2062HP	38,10	22,23	12,70	8,31	6,00	25,8	26,80	17,00	2,42	24,0/5455	27,1	1,72
C2082HP	50,80	28,58	15,75	11,40	8,05	32,4	33,80	24,00	3,25	50,0/11364	52,0	2,82
C2042H-HP	25,40	15,875	7,85	5,63	4,00	18,8	19,90	12,00	2,03	11,0/2500	13,2	0,95
C2052H-HP	31,75	19,05	9,53	7,22	5,12	22,1	23,40	15,00	2,42	20,4/4635	23,5	1,44
C2062H-HP	38,10	22,23	12,70	8,31	6,00	29,2	30,20	17,00	3,25	24,0/5455	27,6	1,99
C2082H-HP	50,80	28,58	15,75	11,40	8,05	35,7	37,00	24,00	4,00	50,0/11364	56,5	3,34
HB35 (W2162)	35,00	25,00	13,00	15,00	12,00	29,0	33,40	22,00	3,00	21,00/5772	23,7	2,90
HB38.1F2	38,10	25,40	12,70	9,50	6,60	26,6	28,00	19,10	2,30	20,0/4545	22,4	2,07
HB40	40,00	22,00	8,75	9,00	6,00	23,0	24,20	18,00	2,50	27,0/6135	28,0	1,49
HB50	50,00	31,00	14,50	13,20	10,40	31,1	32,50	25,00	3,10	30,0/6818	34,2	3,29
HB50F4	50,00	31,00	15,00	13,20	10,20	36,5	38,00	25,00	4,00	40,0/9091	44,8	3,73
HB50.8F3	50,80	30,00	16,00	14,00	9,00	36,4	37,50	25,50	3,10	42,0/9545	47,0	3,20
HB55	55,00	18,00	22,00	14,00	10,00	43,4	44,50	30,00	4,00	50,0/11364	52,0	3,31
HB55F1	55,00	24,00	24,00	17,00	12,00	52,0	53,50	40,00	5,00	90,0/20455	100,0	6,34
HB63F1	63,00	40,00	15,00	16,00	12,10	35,0	36,20	28,50	4,00	50,0/11364	56,7	4,20
HB75	75,00	40,00	22,00	18,00	12,20	42,0	44,00	35,00	4,00	60,0/13636	72,0	5,57
HB76.2	76,20	31,75	15,50	12,70	9,50	35,5	37,00	26,00	4,00	42,0/9545	49,2	3,25
HB76.2F2	76,20	47,60	20,00	24,00	18,50	44,5	46,10	40,00	5,0/4,0	79,0/17953	92,5	6,77
HB80	80,00	50,00	20,00	24,00	18,50	44,5	46,10	40,00	5,0/4,0	79,0/17953	92,5	6,81
HB100	100,00	45,00	22,00	16,00	12,00	46,0	47,50	35,00	5,00	75,0/17044	90,0	6,20
HB100F1	100,00	45,00	22,00	18,00	12,00	47,2	48,50	35,00	5,00	75,0/17044	90,0	6,15
HB101.6F1	101,60	47,60	19,00	19,00	13,20	46,2	48,00	40,00	5,0/4,0	53,0/12045	58,2	6,09
HB101.6F2	101,60	66,70	25,40	26,90	20,10	59,2	60,70	51,00	7,1/5,1	150,0/34088	160,0	14,23
HB152	152,40	66,70	25,40	26,90	19,56	57,2	59,50	50,80	7,1/5,1	94,0/21362	107,8	9,90
HB152.4F1	152,40	47,60	19,00	19,00	13,20	46,2	48,00	40,00	5,0/4,0	54,0/12270	59,5	5,00

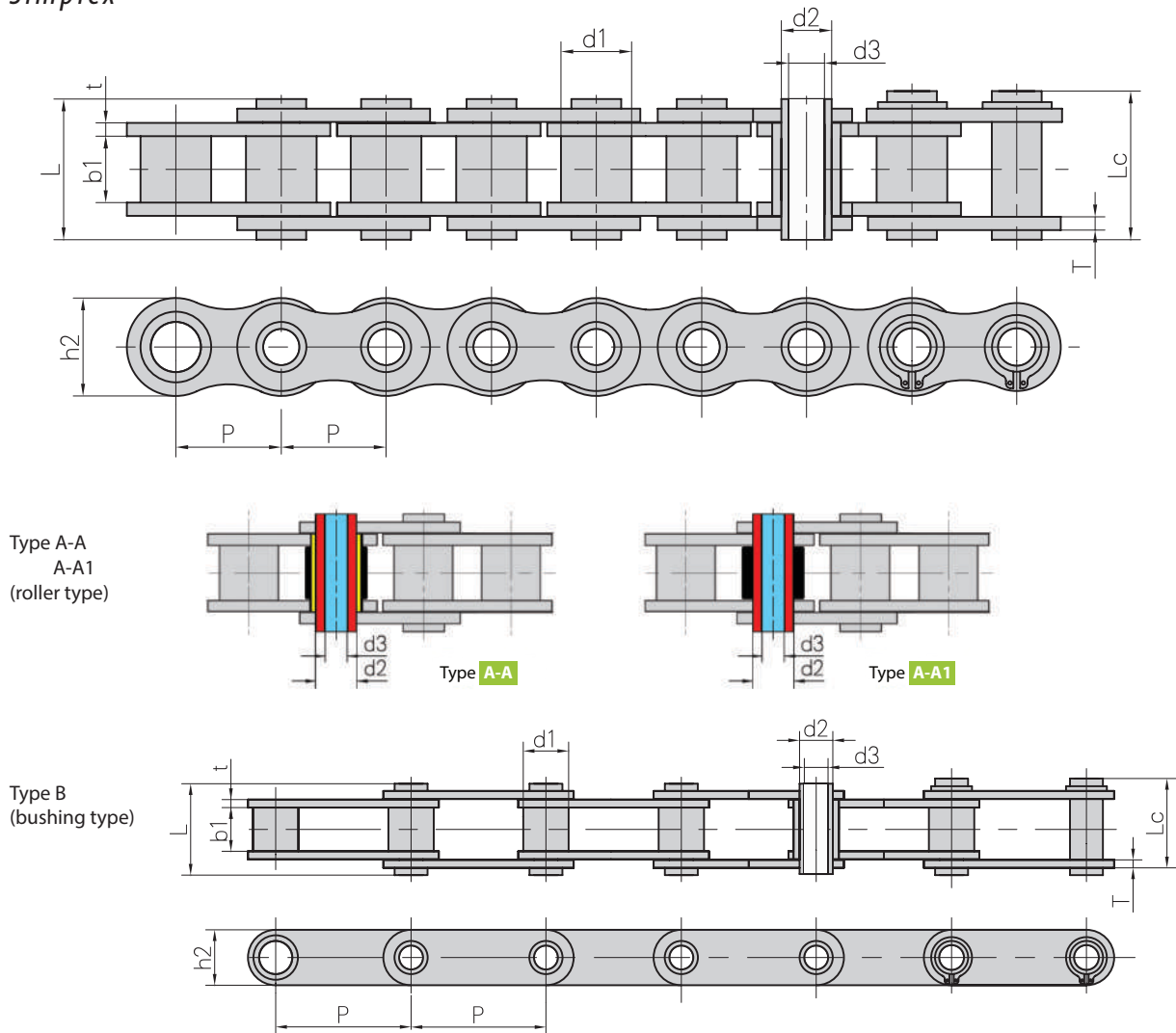
Nickel plated or zinc plated on request.

(Stainless Steel - see page A-47)

3 Transmissions

Stainless steel hollow pin bushing & roller chains

Simplex

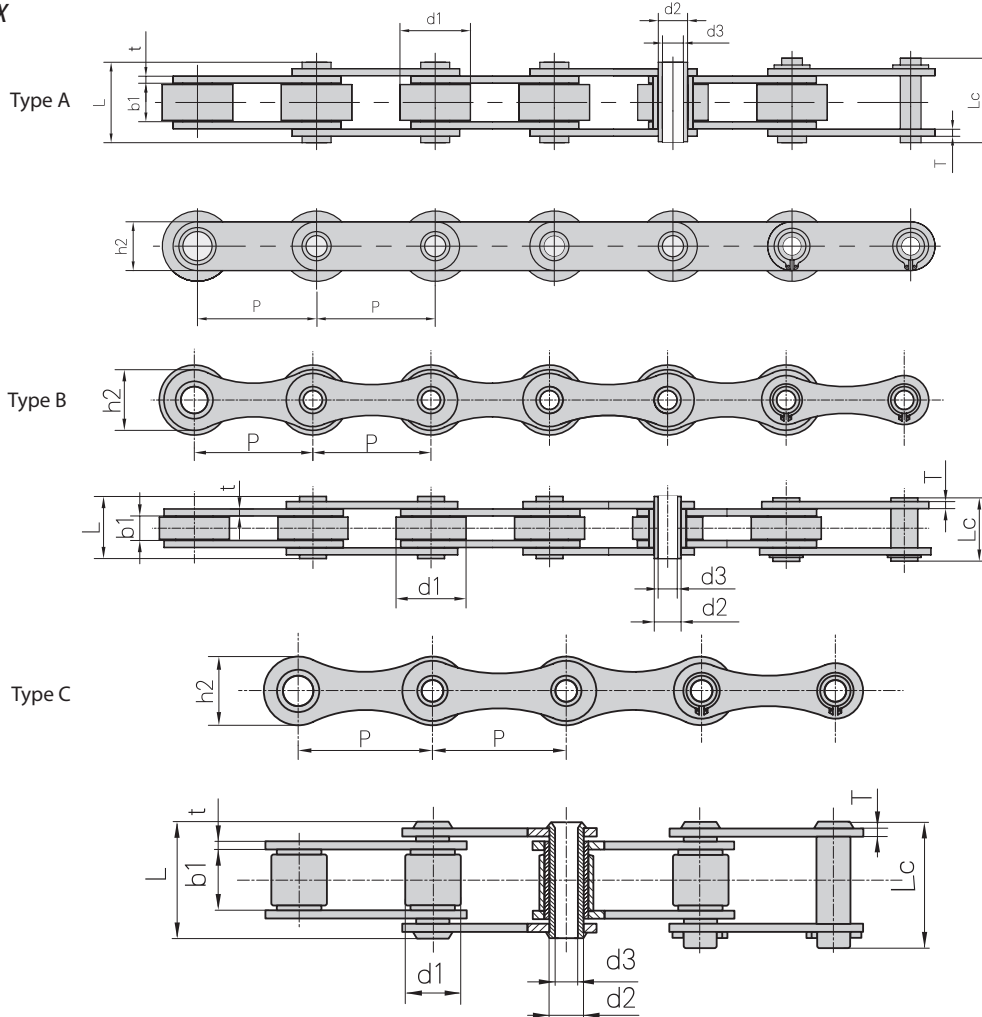


DIN / ANSI ref.	Pitch	Bush diameter	Width between inner plates	Pin diameter		Pin length		Inner plate height	Plate thickness	Ultimate tensile strength	Weight per meter	T Y P E
	P	d1 max	b1 min	d2 max	d3 min	L max	Lc max	h2 max	t/T max	F _b min	q	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kg/m	
08BHPSS	12,70	8,51	7,75	6,55	4,50	16,40	17,60	11,80	1,6/1,3	7,8/1773	0,57	A
10BHPSS	15,875	10,16	9,65	7,20	5,13	19,50	20,50	14,70	1,70	7,0/1590	0,85	A
12BHPSS	19,05	12,07	11,68	6,50	4,00	21,60	22,80	15,90	1,85	16,5/3750	1,10	A
12BHPSS	19,05	12,07	11,68	6,70	4,20	21,60	22,60	15,75	1,80	15,8/3590	1,08	A-A
12BHPF1SS	19,05	12,07	11,68	8,10	6,10	22,50	23,70	16,10	1,88	16,2/3680	1,05	A-A1
16BHPSS	25,40	15,875	17,02	11,50	8,20	35,30	37,00	23,20	4,0/3,1	34,3/7790	2,20	A
40HPSS	12,70	7,95	7,85	5,63	4,00	16,50	17,60	12,00	1,50	7,7/1750	0,55	A
50HPSS	15,87	10,16	9,40	7,03	5,13	20,70	21,90	15,09	2,03	14,0/3182	0,92	A
60HPSS	19,05	11,91	12,70	8,31	6,00	25,80	26,80	18,00	2,42	16,8/3818	1,31	A
80HPSS	25,40	15,875	15,75	11,40	8,05	32,50	33,80	24,00	3,25	35,0/7955	2,29	A
C2040HPSS	25,40	7,95	7,85	5,63	4,00	16,50	17,60	12,00	1,50	7,7/1750	0,47	B
C2050HPSS	31,75	10,16	9,40	7,22	5,12	20,50	21,80	15,00	2,03	14,3/3250	0,77	B
C2060HPSS	38,10	11,91	12,70	8,31	6,00	25,80	26,80	17,00	2,42	16,8/3818	1,03	B
C2080HPSS	50,80	15,875	15,75	11,40	8,05	32,50	33,80	24,00	3,25	35,0/7955	1,83	B

3 Transmissions

Stainless steel hollow pin double pitch conveyor chains

Simplex



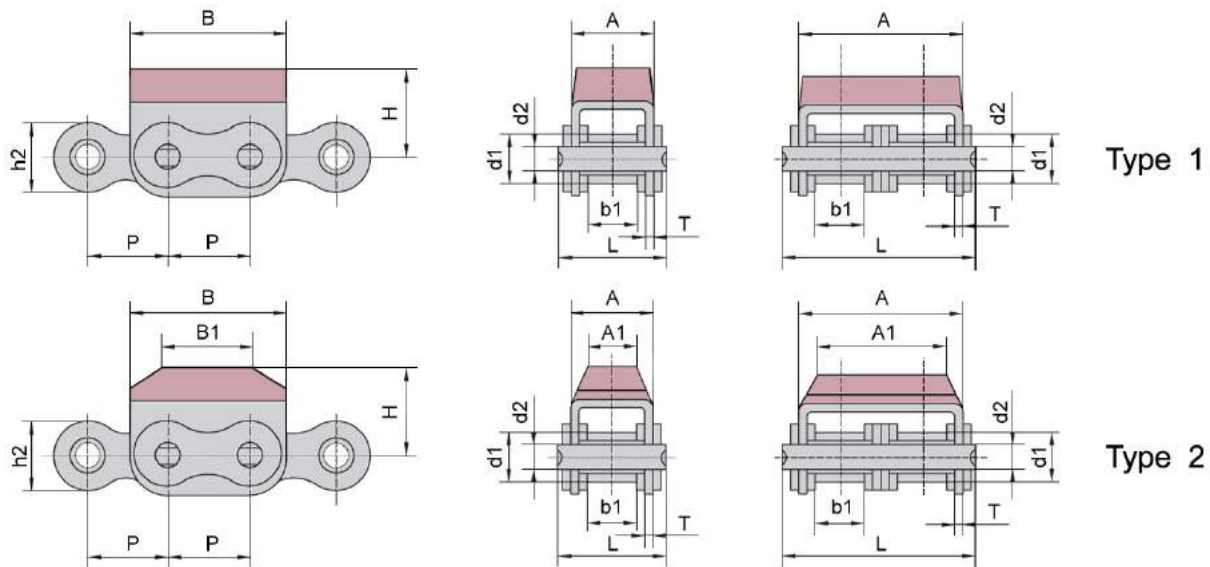
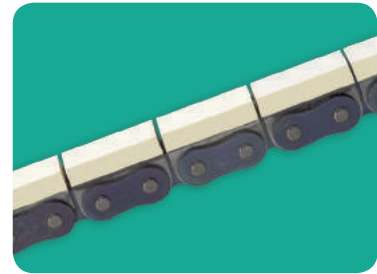
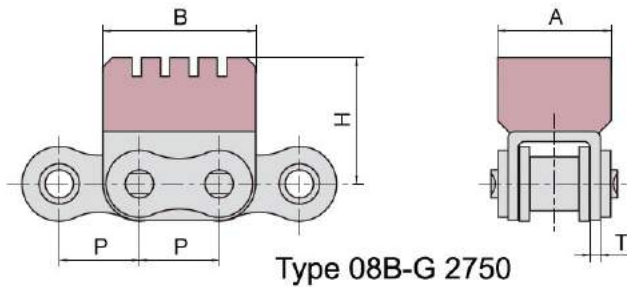
DIN / ANSI ref.	Pitch	Bush diameter	Width between inner plates	Pin diameter		Pin length		Inner plate height	Plate thickness	Ultimate tensile strength	Weight per meter	T Y P E
	p	$d1$ max	$b1$ min	$d2$ max	$d3$ min	L max	Lc max	$h2$ max	t/T max	F_b min.	q	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kg/m	
C2042HPSS	25,40	15,875	7,85	5,63	4,00	16,50	17,60	12,00	1,50	7,7/1750	0,79	A
C2052HPSS	31,75	19,05	9,53	7,22	5,12	20,50	21,80	15,00	2,03	14,3/3250	1,27	A
C2062HPSS	38,10	22,23	12,70	8,31	6,00	25,80	26,80	17,00	2,42	16,8/3818	1,74	A
C2082HPSS	50,80	28,58	15,75	11,40	8,05	32,40	33,80	24,00	3,25	35,0/7955	2,86	A
C2042H-HPSS	25,40	15,875	7,85	5,63	4,00	18,80	19,90	12,00	2,03	7,7/1750	0,96	A
C2052H-HPSS	31,75	19,05	9,53	7,22	5,12	22,10	23,40	15,00	2,42	14,3/3250	1,46	A
C2062H-HPSS	38,10	22,23	12,70	8,31	6,00	29,20	30,20	17,00	3,25	16,8/3818	2,02	A
C2082H-HPSS	50,80	28,58	15,75	11,40	8,05	36,20	37,60	24,00	4,00	35,0/7955	3,30	A
*HB50,80SS	50,80	30,00	10,50	11,40	8,20	27,40	28,60	26,00	3,10	32,0/7275	2,15	B
A55SS	41,75	17,10	20,20	11,11	8,20	35,70	39,00	21,60	3,10	13,2/3000	1,50	C

*Also available in SS304/SS316/SS400 complete or SS304/SS316/SS400 with or without thermoplastic bushing and with or without PA6 roller.

3 Transmissions

Roller chains with vulcanised elastomer profiles

Simplex & Duplex

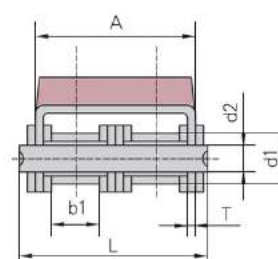
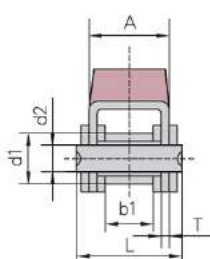
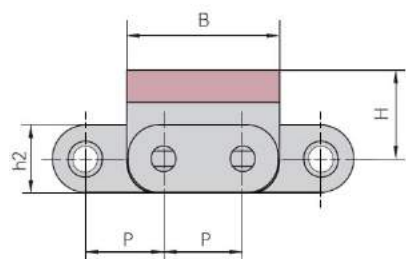


DIN / ANSI ref.	Pitch	Roller diameter	Width between inner plates	Pin diam.	Pin length	Plate and attachment dimension					Ultimate tensile strength	Weight per meter	T Y P E
	p	d1 max	b1 min	d2 max	L max	h2 max	A	B	H	T	F _B min	q	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kg/m	
08B-G1 (0520)	12,70	8,51	7,75	4,45	20,0	11,8	14,6	24,2	12,3	1,60	18,0/4091	1,19	-
08B-G1 (2750)	12,70	8,51	7,75	4,45	20,0	11,8	18,0	24,2	20,0	1,60	18,0/4091	1,28	1
08B-G2 (0530)	12,70	8,51	7,75	4,45	34,3	11,8	28,4	24,2	12,3	1,50	32,0/7273	2,07	1
08B-G2F11	12,70	8,51	7,75	4,45	34,3	11,8	28,4	24,2	12,0	1,50	32,0/7273	2,00	2
10B-G1 (5200)	15,875	10,16	9,65	5,08	23,2	14,7	16,8	30,0	17,0	1,60	19,0/4318	1,62	1
10B-G2 (3190)	15,875	10,16	9,65	5,08	39,7	14,7	33,3	30,0	17,0	1,50	44,5/10114	2,56	1
12B-G1 (4680)	19,05	12,07	11,68	5,72	25,7	16,0	19,6	36,0	21,0	1,85	29,0/6591	2,01	1
12B-G2 (0760)	19,05	12,07	11,68	5,72	45,3	16,0	39,1	36,0	16,0	1,85	57,8/13136	3,21	1
16A-G1 (0570)	25,40	15,875	15,75	7,92	37,2	24,0	27,5	46,0	20,0	2,42	42,0/9545	3,97	1
16B-G1F11 (6580)	25,40	15,875	17,02	8,28	39,7	21,0	29,1	49,0	21,4	1,60	58,0/13407	3,78	2
16B-G1	25,40	15,875	17,02	8,28	39,7	21,0	29,1	49,0	21,4	1,60	58,0/13407	3,83	1
16B-G2F11	25,40	15,875	17,02	8,28	71,7	21,0	60,9	49,0	16,2	1,60	106,0/26094	6,25	2
16B-G2	25,40	15,875	17,02	8,28	71,7	21,0	60,9	49,0	16,2	1,60	106,0/26094	6,38	1
20B-G1 (2160)	31,75	19,05	19,56	10,19	48,0	26,4	36,0	57,0	21,0	3,50	85,0/19318	6,19	1
24B-G1 (0830)	38,10	25,40	25,40	14,63	61,6	33,2	47,0	72,6	28,0	4,50	160,0/36363	11,25	1

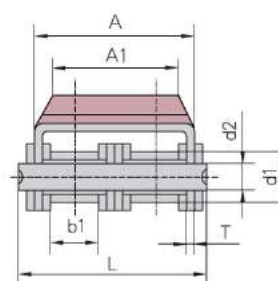
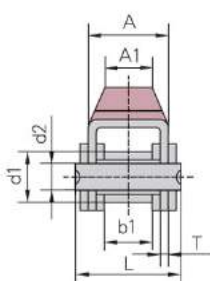
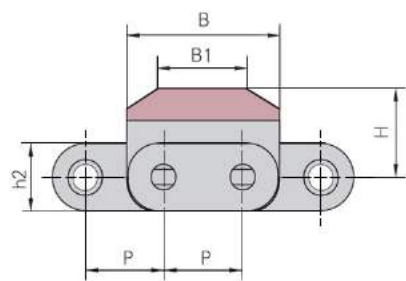
3 Transmissions

Roller chains with vulcanised elastomer profiles with straight side plates

Simplex & Duplex



Type 1



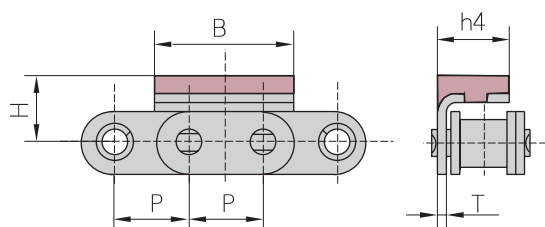
Type 2

DIN / ANSI ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Plate and attachment dimension					Ultimate tensile strength	Weight per meter	T Y P E
	P	d1 max	b1 min	d2 max	L max	h2 max	A	B	H	T	F ₈ min	q	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kg/m	
C08B-G1 (0520)	12,70	8,51	7,75	4,45	20,0	11,8	14,6	24,2	12,3	1,60	18,0/4091	1,30	1
C08B-G2 (0530)	12,70	8,51	7,75	4,45	34,3	11,8	28,4	24,2	12,3	1,50	32,0/7273	2,29	1
C08B-G2F11	12,70	8,51	7,75	4,45	34,3	11,8	28,4	24,2	12,0	1,50	32,0/7273	2,22	2
C10B-G1 (5200)	15,875	10,16	9,65	5,08	23,2	14,7	16,8	30,0	17,0	1,60	19,0/4318	1,75	1
C10B-G2 (3190)	15,875	10,16	9,65	5,08	39,7	14,7	33,3	30,0	17,0	1,50	44,5/10114	2,95	1
C12B-G1 (4680)	19,05	12,07	11,68	5,72	25,7	16,0	19,6	36,0	21,0	1,85	29,0/6591	2,15	1
C12B-G2 (0760)	19,05	12,07	11,68	5,72	45,3	16,0	39,1	36,0	16,0	1,85	57,8/13136	3,48	1
C16A-G1 (0570)	25,40	15,875	15,75	7,92	37,2	24,0	27,5	46,0	20,0	2,42	42,0/9545	4,34	1
C16B-G1F11 (6580)	25,40	15,875	17,02	8,28	39,7	21,0	29,1	49,0	21,4	1,60	58,0/13407	4,06	2
C16B-G1	25,40	15,875	17,02	8,28	39,7	21,0	29,1	49,0	21,4	1,60	58,0/13407	4,11	1
C16B-G2F11	25,40	15,875	17,02	8,28	71,7	21,0	60,9	49,0	16,2	1,60	106,0/26094	6,80	2
C16B-G2	25,40	15,875	17,02	8,28	71,7	21,0	60,9	49,0	16,2	1,60	106,0/26094	6,95	1
C20B-G1 (2160)	31,75	19,05	19,56	10,19	48,0	26,4	36,0	57,0	21,0	3,50	85,0/19318	6,65	1
C24B-G1 (0830)	38,10	25,40	25,40	14,63	61,6	33,2	47,0	72,6	28,0	4,50	160,0/36363	11,63	1

3 Transmissions

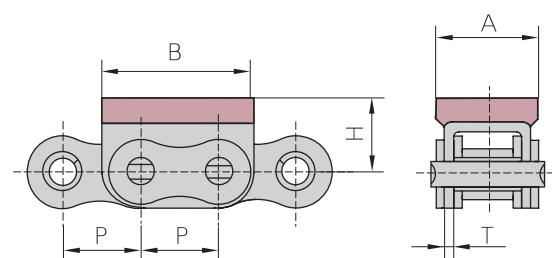
Roller chains with vulcanised elastomer profiles

Simplex & Duplex

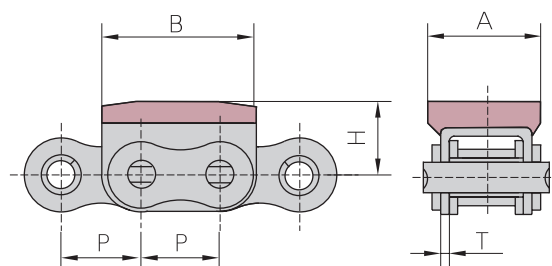


DIN ref.	P	B	H	h4	T
	mm	mm	mm	mm	mm
06BF9	9,525	17,73	9,0	9,05	1,3

DIN ref.	P	A	B	H	T
	mm	mm	mm	mm	mm
08B- G1 F4	12,7	18,0	24,2	12,3	1,6



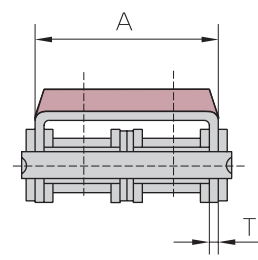
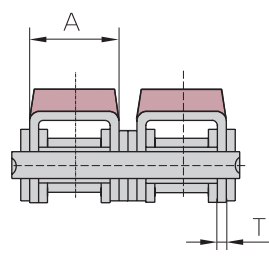
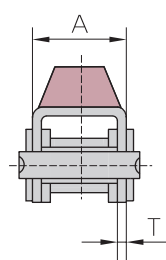
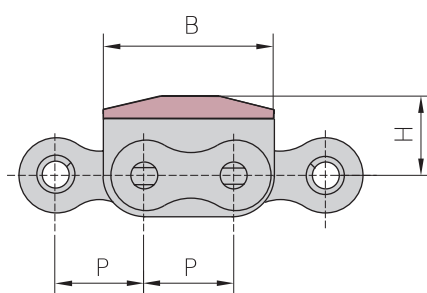
DIN ref.	P	A	B	H	T
	mm	mm	mm	mm	mm
08B- G1F1	12,7	18,0	24,2	12,3	1,6



C16B-G1F11
20B-G1F2
24B-G1F1

16A-G2F3
16A-G2F4

06B-G2F1
08B-G2F14

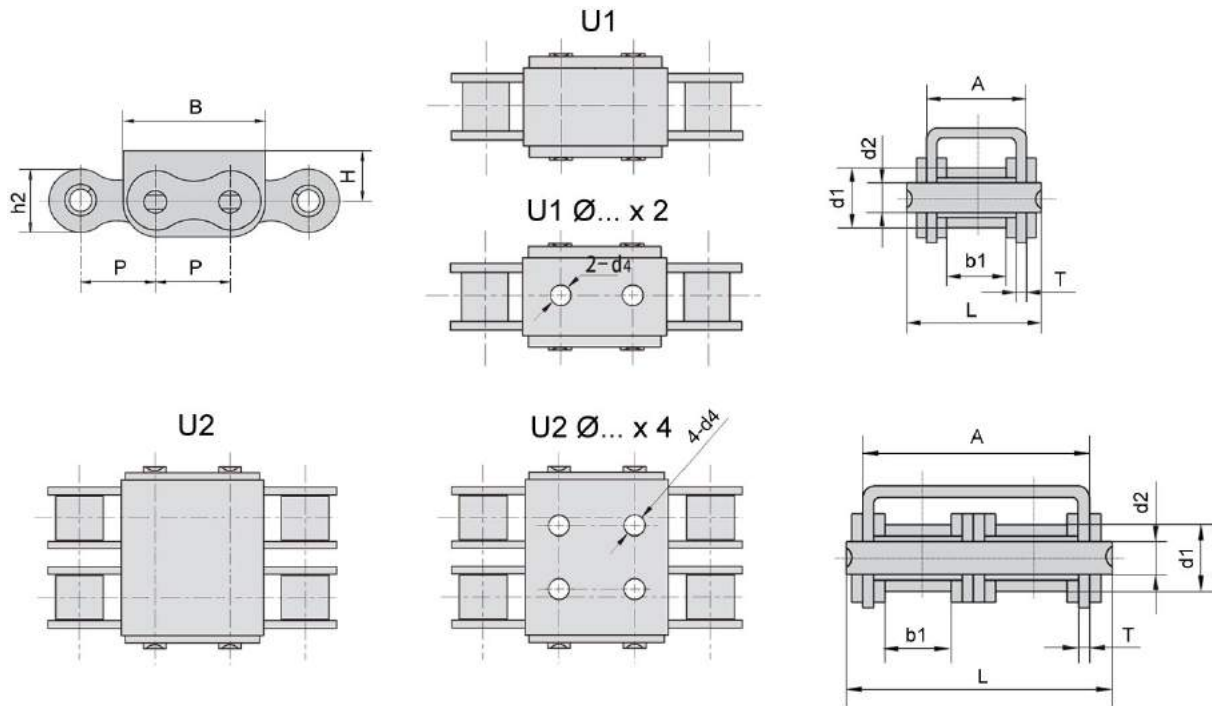


DIN ref.	P	A	B	H	T	Weight
	mm	mm	mm	mm	mm	kg/m
08B-G2F1	12,70	28,4	24,2	12,0	1,5	2,20
08B-G2F14	12,70	14,6	24,2	16,0	1,6	2,05
16A-G2F3	25,40	27,5	49,0	21,4	2,42	8,22
16A-G2F4	25,40	27,0	49,2	20,0	2,03	8,10
C16B-G1F11	25,40	29,5	49,0	21,4	1,6	4,25
20B-G1F2	31,75	36,0	57,0	35,0	3,5	6,05
24B-G1F1	38,10	47,0	72,6	34,0	4,5	11,00

3 Transmissions

Roller chains with U - type attachments

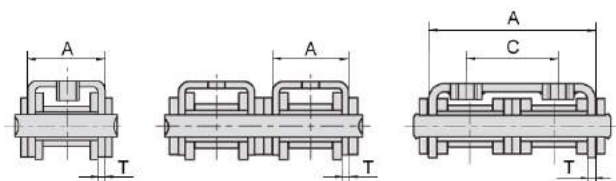
Simplex & Duplex



DIN / ANSI ref.	Pitch	Roller diameter	Width between inner plates	Pin diam.	Pin length	Plate and attachment dimension						Ultimate tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	h2 max	A	B	H	T	d4	F _a min	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kg/m
08B-U1	12,70	8,51	7,75	4,45	20,0	11,8	14,6	24,2	8,3	1,60	4,0	18,0/4091	1,13
08B-U2	12,70	8,51	7,75	4,45	34,3	11,8	28,4	24,2	8,3	1,50	4,0	32,0/7273	1,96
10B-U1	15,875	10,16	9,65	5,08	23,2	14,7	16,8	30,0	11,3	1,60	5,0	19,0/4318	1,53
10B-U2	15,875	10,16	9,65	5,08	39,7	14,7	33,3	30,0	11,3	1,50	5,0	44,5/10114	2,47
12B-U1	19,05	12,07	11,68	5,72	25,7	16,0	19,6	36,0	13,0	1,85	5,0	29,0/6591	1,90
12B-U2	19,05	12,07	11,68	5,72	45,3	16,0	39,1	36,0	12,0	1,85	5,0	57,8/13136	3,03
16A-U1	25,40	15,875	15,75	7,92	37,2	24,0	27,5	46,0	16,0	2,42	6,0	42,0/9545	3,87
16B-U1	25,40	15,875	17,02	8,28	39,7	21,0	29,1	49,0	15,4	1,60	6,0	58,0/13407	3,73
16B-U2	25,40	15,875	17,02	8,28	71,7	21,0	60,9	49,0	16,2	1,60	6,0	106,0/26094	6,15
20B-U1	31,75	19,05	19,56	10,19	48,0	26,4	36,0	57,0	21,0	3,50	8,0	85,0/19318	6,01
24B-U1	38,10	25,40	25,40	14,63	61,6	33,2	47,0	72,6	28,0	4,50	10,0	160,0/36363	10,88

U-attachments with 2 holes: ref. 12B-U1 Ø5x2 (d4)

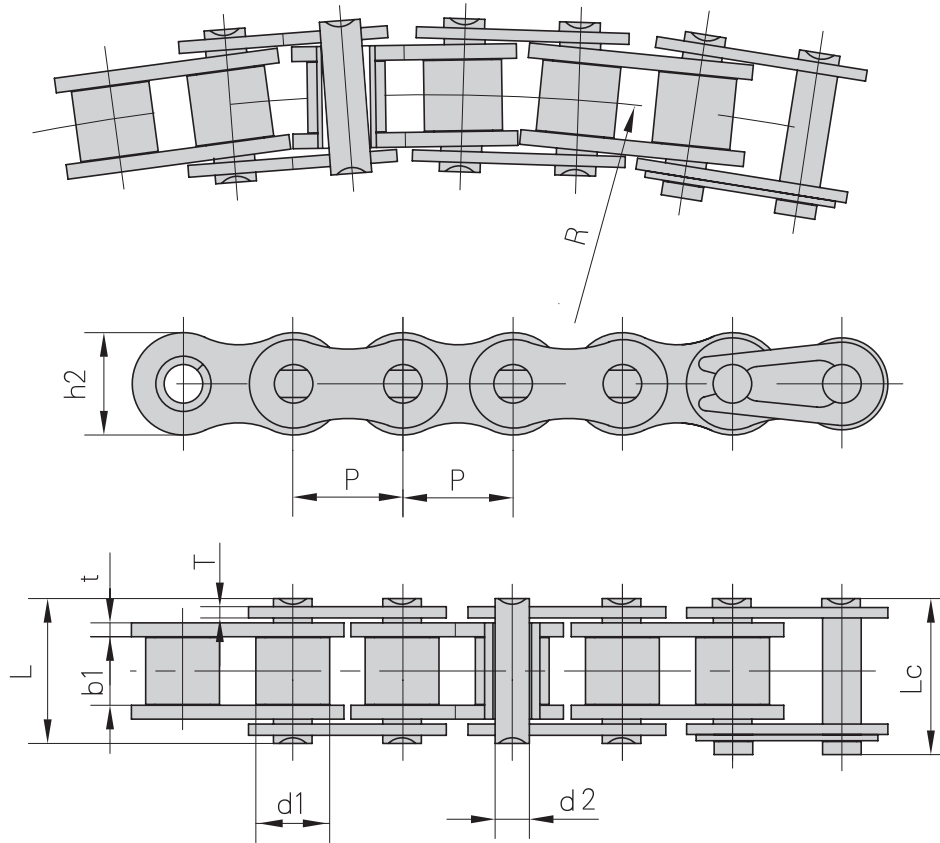
Other examples threaded M6 & M8 on request :



3 Transmissions

Side bow chains

Simplex



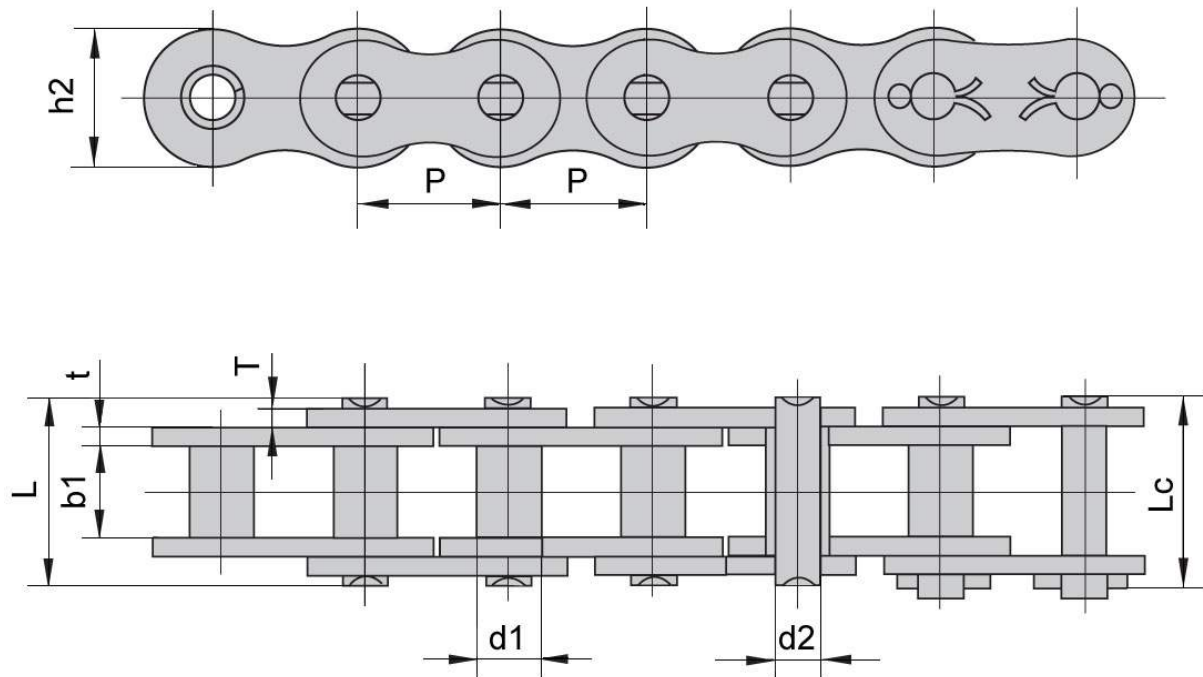
ANSI / DIN ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Side bow radius	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	R min	F _B min.	F _{BA}	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
40SB	12,70	7,95	7,85	3,96	16,9	18,1	11,7	1,5	350	13,8/3136	15,2	0,80
#43SB	12,70	7,95	7,85	3,45	18,3	19,5	11,7	1,5	200	12,0/2727	13,2	0,64
50SB	15,875	10,16	9,40	4,37	20,7	22,7	14,9	2,03	400	20,6/4681	22,7	1,09
60SB	19,05	11,91	12,57	5,34	26,6	28,4	18,0	2,42	500	15,7/3568	17,3	1,54
#63SB	19,05	11,91	12,68	5,08	28,8	30,6	17,2	2,42/2,03	430	12,5/2840	20,0	1,40
80SB	25,40	15,875	15,75	7,19	34,0	37,3	24,0	3,25	711	40,9/9201	42,0	2,60
06BSB	9,525	6,35	5,72	2,70	13,8	14,9	8,2	1,3	360	8,0/1818	8,8	0,60
08BSB	12,70	8,51	7,75	3,97	17,4	18,7	11,8	1,6	400	14,0/3182	15,4	0,70
08BSBF1	12,70	8,51	7,75	3,97	16,3	17,6	11,8	1,6/1,2	400	12,8/2909	14,1	0,65
10 BSB	15,875	10,16	9,65	4,50	20,1	21,5	14,7	1,7	400	15,6/3545	17,2	0,93
12BSB	19,05	12,07	11,68	5,12	23,1	24,8	16,0	1,85	500	20,5/4658	22,6	1,16
C2050SB	31,75	10,16	9,40	5,08	21,3	22,6	15,0	2,03	800	21,8/4954	24,1	0,84

Chains with both sided extended pins inner links with straight side plates

3 Transmissions

Bushing chains - DIN 8164

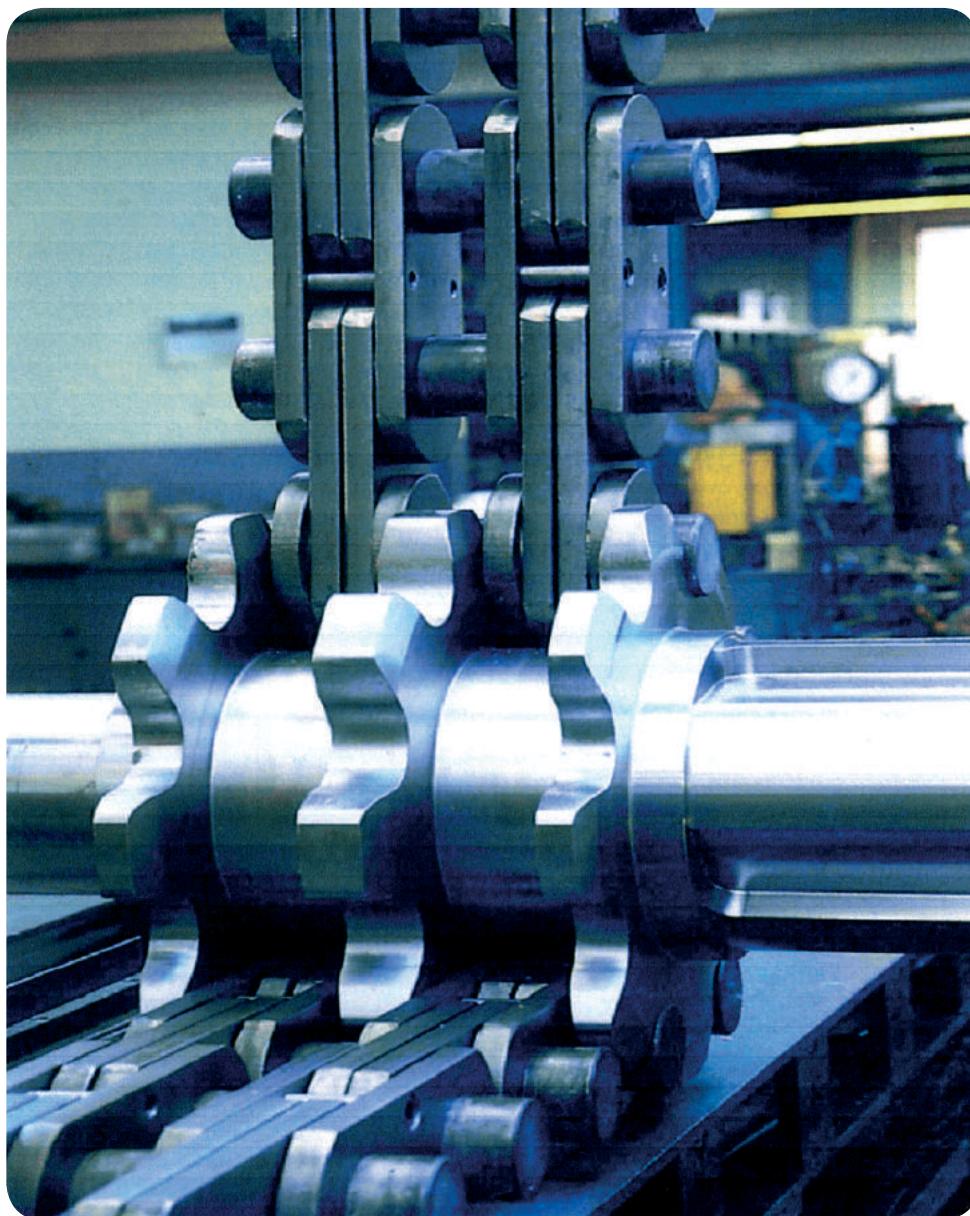
Simplex



Chain no.	Pitch	Width between plates	Pin diameter	Bush diameter	Pin length		Inner plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	b1 max	d2 max	d1 max	L max	Lc max	h2 max	t/T max	$F_{B \min}$	F_{BA}	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
10020	20,00	16,00	8,00	12,00	33,00	36,00	19,00	3,00	25,0/5624	27,50	2,03
10025	25,00	18,00	10,00	15,00	35,00	39,00	24,00	3,00	31,5/7086	34,70	2,67
10030	30,00	20,00	11,00	17,00	42,40	46,00	28,00	4,00	40,0/8998	44,00	3,75
10035	35,00	22,00	12,00	18,00	44,50	48,00	30,00	4,00	50,0/11248	55,00	4,33
10040	40,00	25,00	14,00	20,00	52,40	57,00	35,00	5,00	63,0/14172	69,30	5,43
10045	45,00	30,00	16,00	22,00	62,00	66,50	40,00	6,00	80,0/17996	88,00	7,54
10050	50,00	35,00	18,00	26,00	68,00	73,50	44,00	6,00	100,0/22495	110,00	8,90
10055	55,00	45,00	20,00	30,00	88,00	93,50	49,00	8,00	125,0/28119	137,50	13,92
10060	60,00	50,00	22,00	32,00	94,10	99,50	55,00	8,00	160,0/35993	176,00	15,20

3 Transmissions

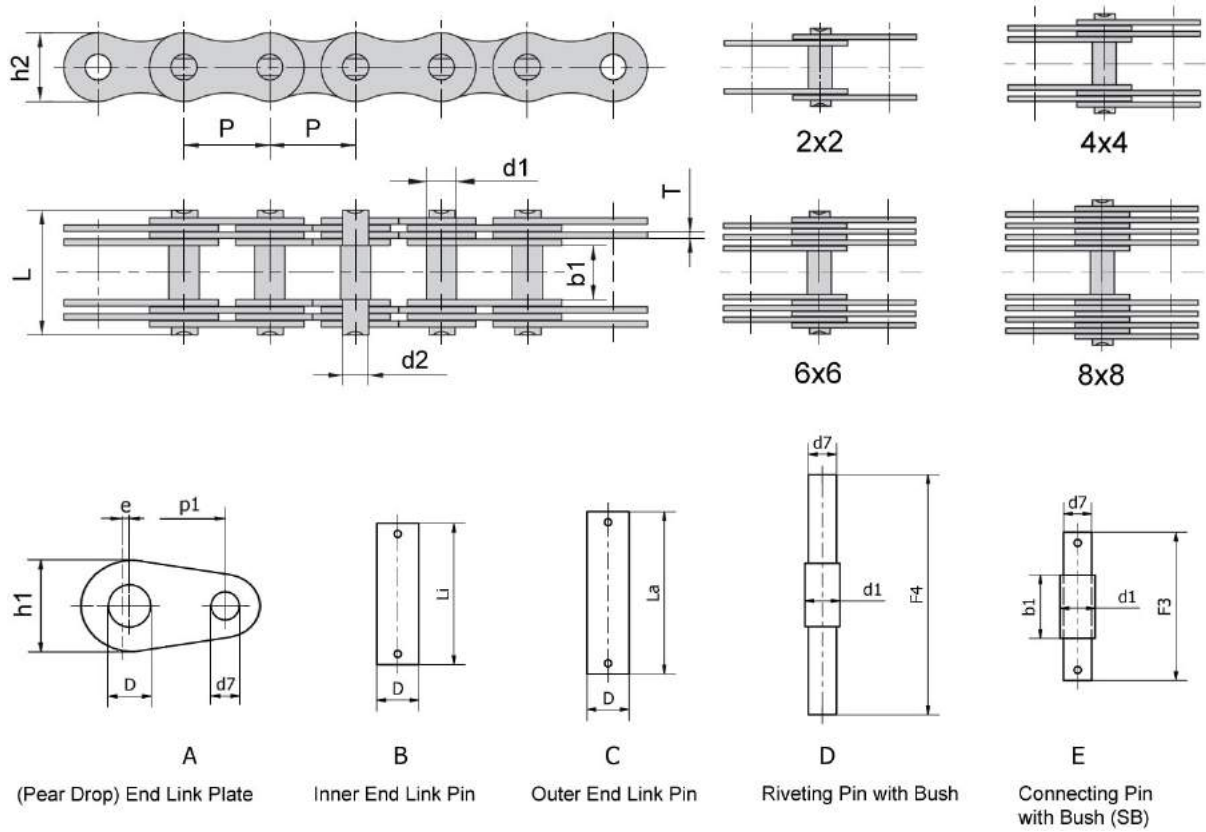
Lock chain



Triplex gall chains pitch 180mm, 80mm shaft, 140 x 25mm side-plates.
3840kN breaking-load, Sprockets triplex 3 x 8 teeth.

3 Transmissions

Gall chains - DIN 8150 / 8151



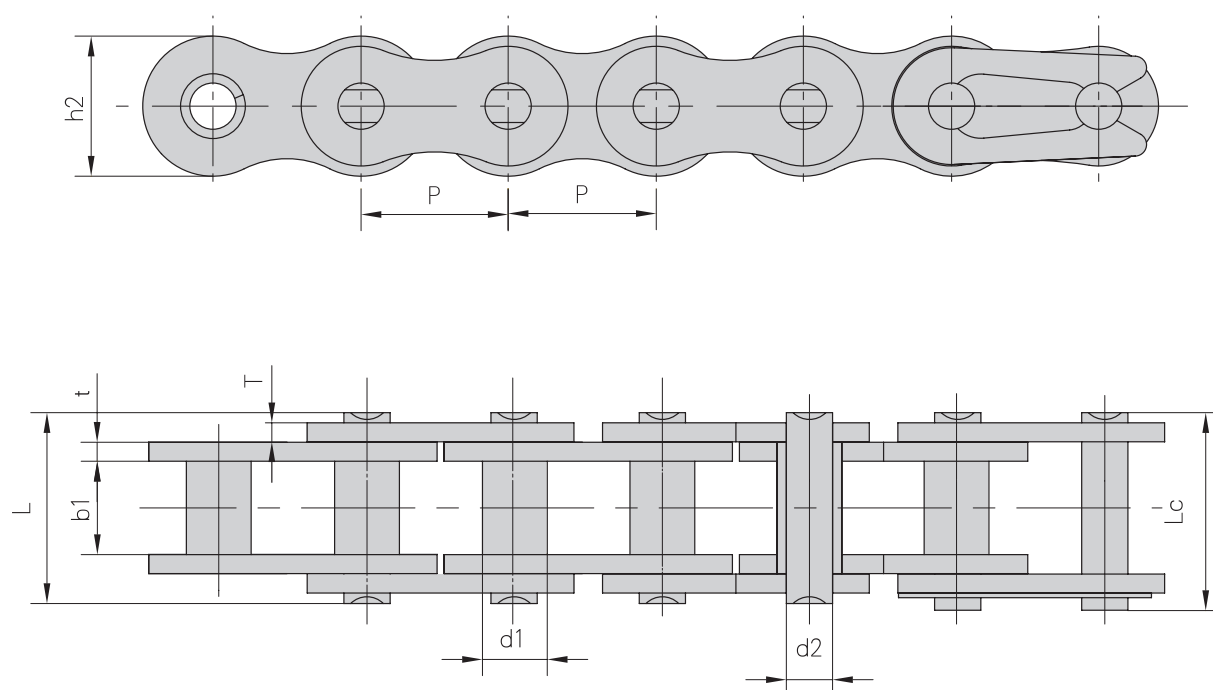
Chain ref.	P	p1	b1 min	d1 max	d2	d7	D max	e	L max	L1 max	L2 max	Li max	La max	h2	h1	T max	F _s min	q	N° Plates
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		kg/m	
G15	15	20	12	5	4	4	9	2	25	-	27	29	33	12	18	2,0	5,0/1125	0,7	2 x 2
G20	20	25	15	8	6	6	10	2	28	-	33	32	36	15	20	2,03	12,5/2818	1,1	2 x 2
G25	25	30	18	10	8	8	12	2,5	36	68	42	40	46	18	26	3,0	25,0/5624	1,8	2 x 2
G30	30	40	20	11	9	9	14	3	51	88	58	54	60	20	30	3,0	40,0/8999	3,4	4 x 4
G35	35	45	22	12	10	10	16	3,5	53	93	61	55	62	26	35	3,0	60,0/13498	4,5	4 x 4
G40	40	50	25	14	12	12	18	4	58	102	66	63	70	32	40	3,0	80,0/17998	5,0	4 x 4
G45	45	55	30	17	14	14	22	4,5	63	108	70	68	75	35	45	3,0	100,0/22497	7,0	4 x 4
G50	50	60	35	22	18	18	26	5	90	141	97	98	108	40	50	4,5	150,0/33746	11,3	4 x 4
G55	55	65	40	24	21	21	32	5,5	108	163	115	118	132	42	55	6,0	200,0/44994	14,5	4 x 4
G60	60	70	45	26	23	23	36	6	114	171	120	125	139	46	60	6,0	250,0/56243	17,1	4 x 4
G70	70	85	50	32	28	28	40	7	148	213	457	156	169	55	70	6,0	375,0/84364	34,0	6 x 6
G80	80	100	60	36	32	32	50	8,5	159	233	171	176	189	60	85	6,0	500,0/112486	39,0	6 x 6
G90	90	120	70	40	36	36	60	10	184	266	200	199	214	70	100	7,0	750,0/168728	53,0	6 x 6
G100	100	140	80	45	40	40	70	12	224	309	234	239	256	80	120	7,0	1000,0/224972	77,0	8 x 8
G110	110	160	90	50	45	45	80	14	236	327	251	264	279	90	140	7,0	1250,0/281215	90,0	8 x 8
G120	120	180	100	55	50	50	90	16	262	357	277	287	306	100	160	8,0	1500,0/337458	112,0	8 x 8

3 Transmissions

Hoisting rollerless chains - DIN 8188

ANSI - American standard

Simplex

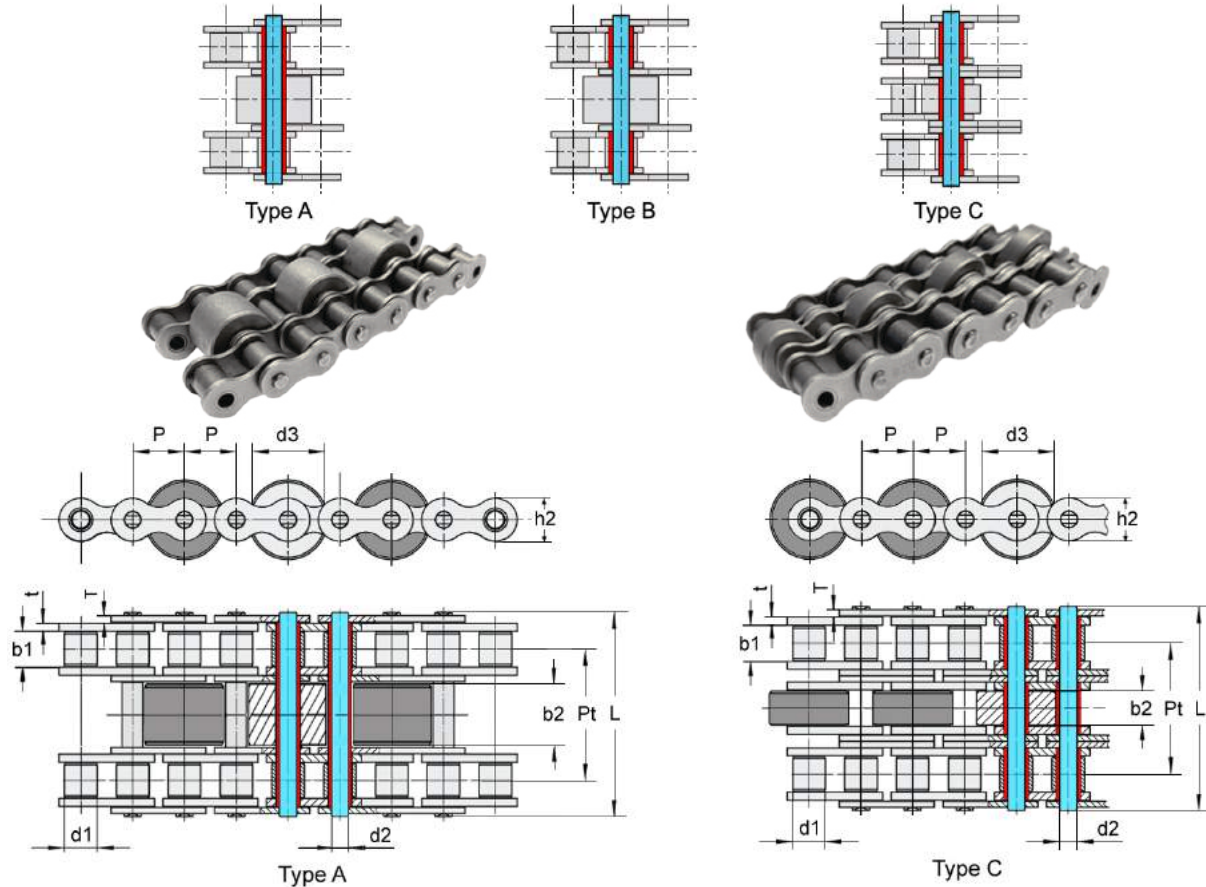


ANSI ref.	Pitch	Bush diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	F_B min	F_{BA}	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
45-1	12,700	5,63	7,85	3,96	16,6	17,8	12,00	1,50	14,10/3205	17,5	0,54
55-1	15,875	7,03	9,40	5,08	20,7	22,2	15,09	2,03	22,20/5045	29,4	0,83
65-1	19,050	8,33	12,57	5,94	25,9	27,7	18,00	2,42	31,80/7227	41,5	1,22
85-1	25,400	11,10	15,75	7,92	32,7	35,0	24,00	3,25	56,70/12886	69,4	2,16
105-1	31,750	13,60	18,90	9,53	40,4	44,7	30,00	4,00	88,50/20114	109,2	3,31
125-1	38,100	15,60	25,22	11,10	50,3	54,3	35,70	4,80	127,00/28864	156,3	4,97
145-1	44,450	18,00	25,22	12,70	54,4	59,0	41,00	5,60	172,40/39182	212,0	6,50
165-1	50,800	20,00	31,55	14,27	64,8	69,6	47,80	6,40	226,80/51545	278,9	8,70

3 Transmissions

Accumulation roller chains

- All types can be used on standard triplex plate wheels without center teeth.



Chain ref.	Pitch	Roller diameter		Width between inner plates	Accumul. roller width	Pin diameter	Transverse pitch	Pin length	Inner plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter		T Y P E
		P	d3 max										q P	q C	
		mm	mm			mm	mm	mm	mm	mm	kN/LB	kN	kg/m	kg/m	
06BS-3-34-P15/C15	9,525	6,35	15,00	5,72	9,00	3,28	20,48	33,5	8,2	1,30	16,9/3841	18,70	1,2	1,5	B
08BS-3-45-P16/C16	12,70	8,51	16,00	7,75	13,50	4,45	27,84	48,5	11,8	1,60	32,0/7273	38,70	2,5	3,5	A
08BS-3-45-P17/C17	12,70	8,51	17,00	7,75	13,50	4,45	27,84	48,5	11,8	1,60	32,0/7273	38,70	2,6	3,6	A
08BS-3-45-P20/C20	12,70	8,51	20,00	7,75	13,50	4,45	27,84	48,5	11,8	1,60	32,0/7273	38,70	2,7	3,7	A
10BS-3-52-P23/C23	15,875	10,15	23,00	9,65	16,30	5,08	33,18	56,9	14,9	1,70	41,5/9430	50,05	3,4	5,0	A
12BS-3-62-P24/C24	19,05	12,07	24,00	11,68	18,60	5,72	38,92	61,5	16,0	1,85	57,8/12993	66,50	4,3	4,5	A
12BS-3-62-P26/C26	19,05	12,07	26,00	11,68	18,60	5,72	38,92	61,5	16,0	1,85	57,8/12993	66,50	4,5	5,8	A
12BS-3-62-P28/C28	19,05	12,07	28,00	11,68	18,60	5,72	38,92	61,5	16,0	1,85	57,8/12993	66,50	4,7	6,0	A
12BS-3-62-P31/C31	19,05	12,07	31,00	11,68	18,60	5,72	38,92	61,5	16,0	1,85	57,8/12993	66,50	4,9	6,3	B
T513SF	19,05	12,07	24,00	11,68	10,50	5,72	38,92	61,7	16,0	1,85	60,0/13635	69,00	4,7	4,2	C
T548SF	25,40	15,88	38,50	17,02	15,80	8,28	63,76	99,9	21,0	4,15/3,1	120,0/27270	149,50	9,6	11,2	C
16BS-3-100-P35/C35	25,40	15,88	35,00	17,02	31,50	8,28	63,76	99,8	21,0	4,15/3,1	130,0/29540	149,50	10,1	11,8	A
16BS-3-100-P38/C38	25,40	15,88	38,50	17,02	31,50	8,28	63,76	99,8	21,0	4,15/3,1	130,0/29540	149,50	10,3	12,0	A
24BS-3-152-P45/C45	38,10	25,40	45,00	25,40	45,00	14,63	96,72	152,0	33,0	6,0/4,8	290,0/65903	330,60	22,45	26,5	A

Note: P = Plastic conveyor roller. Temperature range: -30 to +100°C for steel conveyor rollers.

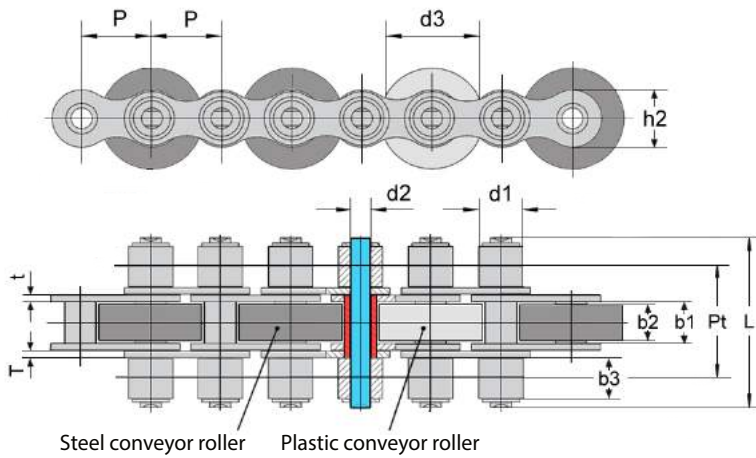
C = Steel conveyor roller. Temperature range: -10 to +60°C for plastic conveyor rollers.

3 Transmissions

Accumulation roller chains

SPECIAL REMARKS:

- With idler rollers on both sides that serves for 2 purposes:
Firstly, this idler rollers engage with the sprocket teeth to transmit power, secondly, they support the chain in the profile.



Special made to order sprockets or plate wheels

Chain ref.	Pitch	Roller diameter		Width between inner plates	Accumul. roller width	Outer roller width	Pin diameter	Transverse pitch	Pin length	Inner plate height	Plate thickness	Tensile strength	Average tensile strength	Weight per meter	
	P	d1 max	d3 max	b1 min	b2 max	b3 max	d2 max	Pt	L max	h2 max	t/T max	F _B min	F _{SA} min	q _P	q _C
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m	kg/m
08BS-27-P16/C16	12,70	8,51	16,00	7,75	7,2	4,3	4,45	19,00	27,0	11,8	1,60/1,50	18,0/4091	19,80	0,9	1,1
12BS-40-P24/C24	19,05	12,07	24,00	11,68	11,0	7,5	5,72	26,50	40,0	16,0	1,85	29,0/6591	31,70	1,9	2,6
12BS-40-P26/C26	19,05	12,07	26,00	11,68	11,0	7,5	5,72	26,50	40,0	16,0	1,85	29,0/6591	31,70	2,2	2,8
12BS-40-P28/C28	19,05	12,07	28,00	11,68	11,0	7,5	5,72	26,50	40,0	16,0	1,85	29,0/6591	31,70	2,3	3,0
12BS-43-P24/C24	19,05	12,07	24,00	11,68	11,0	8,8	5,72	28,50	43,0	16,0	1,85	29,0/6591	31,70	1,9	2,8
12BS-43-P26/C26	19,05	12,07	26,00	11,68	11,0	8,8	5,72	28,50	43,0	16,0	1,85	29,0/6591	31,70	2,0	2,9
12BS-43-P28/C28	19,05	12,07	28,00	11,68	11,0	8,8	5,72	28,50	43,0	16,0	1,85	29,0/6591	31,70	2,4	3,2
12BS-48-P24/C24	19,05	12,07	24,00	11,68	11,0	11,1	5,72	31,50	48,0	16,0	1,85	29,0/6591	31,70	2,1	2,7
12BS-48-P26/C26	19,05	12,07	26,00	11,68	11,0	11,1	5,72	31,50	48,0	16,0	1,85	29,0/6591	31,70	2,2	2,9
12BS-48-P28/C28	19,05	12,07	28,00	11,68	11,0	11,1	5,72	31,50	48,0	16,0	1,85	29,0/6591	31,70	2,3	3,5
12BS-56-P28/C28	19,05	12,07	28,00	11,68	11,0	11,1	5,72	37,50	58,0	16,0	1,85	29,0/6591	31,70	2,5	3,7
16BS-65-P38/C38	25,40	15,88	38,00	17,02	16,8	12,5	8,28	44,90	65,0	21,0	4,15/3,1	60,0/13636	72,80	6,2	4,7
100SF-85-P45/C45	31,75	19,05	45,00	25,50	25,0	17,5	9,53	59,00	85,0	30,0	4,00	86,7/19490	104,00	-	-
212BS-43-P48/C48	38,10	12,07	48,00	11,68	11,0	8,8	5,72	28,50	43,0	16,0	1,85	28,9/6568	31,70	-	-

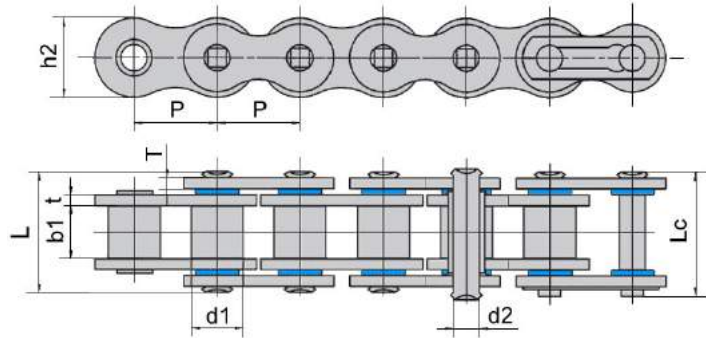
Note: P = Plastic conveyor roller, C = Steel conveyor roller.
Temperature range: -30 to +100°C for steel conveyor rollers.
-10 to +60°C for plastic conveyor rollers.

Example of other accumulated type



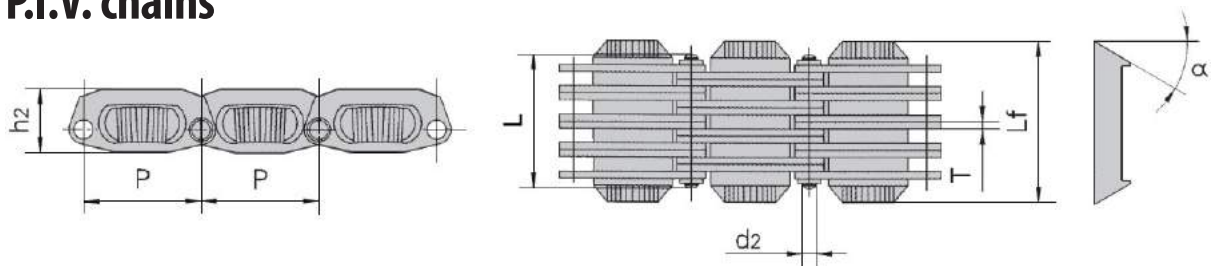
3 Transmissions

0-Ring chains



DIN / ANSI ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	F _B min	F _{BA} min	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
08B OR	12,70	8,51	7,75	4,45	18,8	19,9	11,80	1,60	18,0/4091	19,4	0,74
10B OR	15,875	10,16	9,65	5,08	21,4	22,2	11,70	1,60	20,7/4704	24,7	0,95
12B OR	19,05	12,07	11,68	5,72	25,4	26,4	16,10	1,80	30,4/6910	39,5	1,25
16B OR	25,40	15,88	17,02	8,28	39,3	40,4	20,80	3,2/4,0	60,0/13635	70,8	3,61
20B OR	31,75	19,05	19,56	10,19	44,4	48,5	26,40	4,5/3,5	95,0/21356	106,7	4,04
24B OR	38,10	25,40	25,40	14,63	57,4	61,8	33,20	6,0/4,8	160,0/36364	178,0	7,30
40 OR	12,70	7,95	7,85	3,96	18,3	19,6	12,00	1,50	14,1/3205	17,5	0,67
50 OR	15,875	10,16	9,40	5,08	23,1	24,8	15,09	2,03	22,2/5045	29,4	1,19
60 OR	19,05	11,91	12,57	5,94	28,5	30,4	18,00	2,42	31,8/7227	41,5	1,62
60H OR	19,05	11,91	12,57	5,94	31,7	33,2	18,00	3,25	55,0/12500	58,0	1,96
80 OR	25,40	15,88	15,75	7,92	35,7	37,3	24,00	3,25	56,7/12886	69,4	2,70
100 OR	31,75	19,05	18,95	9,53	43,3	47,0	30,00	4,00	88,5/20114	109,2	3,91
120 OR	38,10	22,23	25,22	11,11	54,0	57,5	35,70	4,80	127,0/28864	156,3	6,34

P.I.V. chains

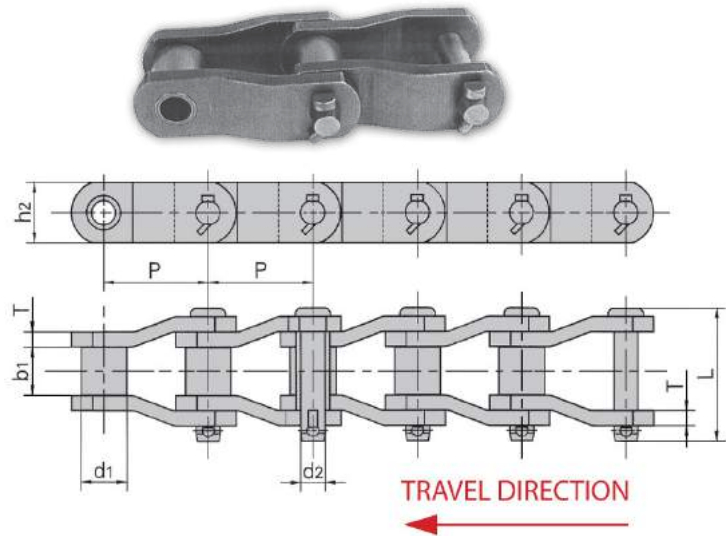
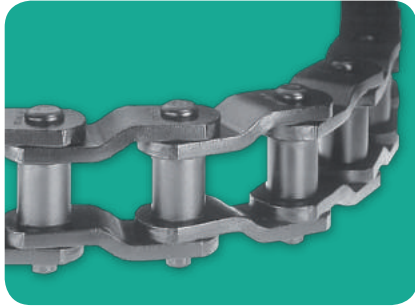


Chain no.	Pitch	Pin diameter	Pin length	Plate height	Plate thickness	Width over friction plate	Angle of friction plate	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d2 max	L max	h2 max	T max	Lf	α	Q'	Qo	q
	mm	mm	mm	mm	mm	mm		kN/LB	kN	kg/m
AO	18,75	3,00	19,50	9,50	1,00	24,00	15°	9,0/2045	9,90	1,00
A1(A2)	25,00	3,00	30,10	13,50	1,50	37,80	15°	21,0/4772	23,30	2,23
A3	28,60	3,00	35,30	16,00	1,50	44,20	15°	38,5/8750	42,70	3,04
A4	36,00	4,00	48,50	20,50	1,50	58,50	15°	61,5/13977	68,20	5,54
A5	36,00	4,00	60,50	20,50	1,50	70,00	15°	71,0/16136	78,80	6,70

3 Transmissions

Heavy duty cranked-link transmission chains

Rotary



Chain ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Inner plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	h2 max	T	$F_{\text{B min}}$	$F_{\text{BA min}}$	q
	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
RO 20H-ROA3160SC*	50,80	28,58	31,75	15,06	79,4	41,50	8,0	230,0/52256	250,0	10,90
2010	63,50	31,75	38,10	15,90	89,0	47,8	7,9	250,0/56818	270,0	13,53
MXS882	66,27	22,23	28,58	11,10	68,5	58,5	6,4	115,6/26272	124,8	5,30
SS588	66,27	22,23	28,60	11,11	63,7	28,6	6,4	130,0/29545	144,0	5,46
AX1568	77,90	41,40	39,60	19,05	100,0	57,0	9,7	340,0/77272	367,2	18,40
RO 3B - ROA2512	77,90	41,40	38,50	19,05	103,4	60,0	10,0	482,0/110000	420,0	20,28
RO 3 - ROA1035	78,10	31,75	38,10	16,00	94,8	40,0	8,0	271,0/61590	292,6	10,72
RO 3C	78,10	31,75	38,10	16,50	95,3	45,0	9,5	280,4/63727	302,8	12,70
RO 3H - MXS3075	78,10	31,75	38,10	16,46	93,5	44,5	9,7	334,0/75909	360,7	13,45
1037 - ROA40HYP	78,10	31,75	38,10	15,88	97,0	41,5	9,5	250,0/56818	280,0	12,60
RO 3 1/2 - ROA2814	88,90	44,45	38,10	22,23	117,6	58,0	12,7	471,0/105955	507,6	25,70
RO 3 1/2X-ROA2814X	88,90	44,45	36,60	22,23	117,6	60,0	13,5	660,0/149998	710,8	26,50
ROA1664A	101,60	57,15	55,63	30,23	140,2	82,5	14,2	667,0/147000	715,2	43,80
RO 4 - ROA1244	103,20	44,45	48,00	22,00	123,5	55,0	13,0	476,0/108180	514,0	23,60
RO 4H - ROA1244H	103,20	44,45	49,20	23,90	129,0	60,0	14,0	666,4/151450	700,0	26,70
RO 4B - ROA3315	103,45	45,24	49,30	23,85	130,0	63,5	14,2	550,0/125000	594,0	27,71
RO 4BX - ROA3315X	103,45	45,24	49,30	23,85	130,0	63,5	14,2	580,0/131800	615,0	27,90
RO 4 1/2 - ROA3618	114,30	57,15	52,30	27,97	138,0	79,2	14,2	760,0/172727	820,8	41,20
RO 4 1/2H - SS635HF1	114,30	57,20	52,40	27,94	150,0	76,2	17,5	964,0/219085	1060,0	47,90
RO 5B - ROA4020	127,00	63,50	69,90	31,78	165,7	88,9	15,7	987,0/224300	1069,2	48,60
RO 5BH - ROA5035	127,00	63,50	65,00	34,90	168,0	88,9	19,0	1250,0/284065	1220,0	53,45
RO 6 - ROA4824	152,40	76,20	76,20	38,10	182,3	102,0	19,0	1645,0/373860	1755,0	67,10
RO 6 1/2 - ROA6555	165,10	88,90	81,00	44,45	202,4	127,0	22,35	1650,5/375000	1765,0	116,20
RO 7 - ROA5628	177,80	88,90	81,00	44,45	202,4	127,0	22,35	1694,5/385000	1810,0	98,40

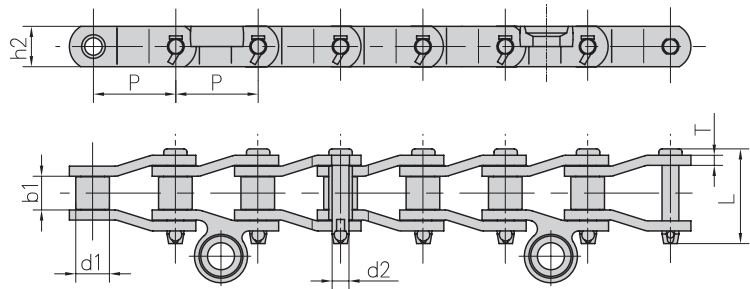
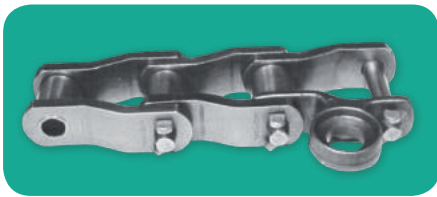
* Also available in DACROMET version with chromed pins.
Execution of round riveted pins on both sides on request.

3 Transmissions

Heavy duty cranked-link transmission chains

Rotary

Chain no.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	p	$d1_{max}$	$b1_{min}$	$d2_{max}$	L_{max}	$h2$	T	$F_{B_{min.}}$	F_{BA}	q
	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
2010H	63,5	12,0	31,8	15,88	97,0	41,5	9,5	250/56815	275,0	11,91
SS2065	50,8	28,6	32,5	15,05	79,5	38,0	7,9	220/49998	242,0	12,14
4020SH	127,0	63,5	69,9	31,78	165,7	88,9	15,7	1332.8/302893	1246,0	48,60
2814F1	88,9	44,5	36,9	22,23	117,6	60,0	13,5	556/126358	611,0	24,20
2814F2	88,9	44,5	38,6	22,23	119,6	58,0	12,7	559/127040	614,9	25,40
SH1245	103,5	45,3	49,6	23,80	130,0	60,0	14,5	722/164084	794,0	31,00
P153	153,6	34,9	54,0	17,48	107,0	44,5	9,5	150/34090	165,0	10,90
P153F2	153,6	34,9	54,0	17,48	100,0	44,5	8,0	150/34090	165,0	9,80
2510F1	78,1	31,8	36,6	16,00	88,9	38,1	8,0	124.5/28295	137,0	9,93
RO6042F1	152,4	76,2	76,3	44,00	184,0	120,0	19,0	1500/340900	1600,0	63,60
SS568HF1205	77,9	31,8	39,7	19,05	98,5	57,0	9,5	447/101588	491,0	16,90
RO1205	127,0	63,5	65,0	31,75	147,6	82,5	14,2	872/198177	955,0	42,93
2510F2	78,1	31,8	36,6	15,75	88,0	38,1	8,0	225/51135	248,0	11,70
MX603	76,2	*22,5	38,0	14,00	88,0	40,0	8,0	147/33408	161,0	9,20
R3112	50,8	28,7	31,0	14,20	73,9	41,4	6,4	168.9/38385	185,0	10,70
MXS3075F1	78,1	33,0	38,1	16,46	94,5	44,5	9,7	334/75907	365,8	14,00
MXS3075F2	78,1	31,8	38,1	17,81	90,0	45,0	8,0	333.2/75726	365,8	12,20

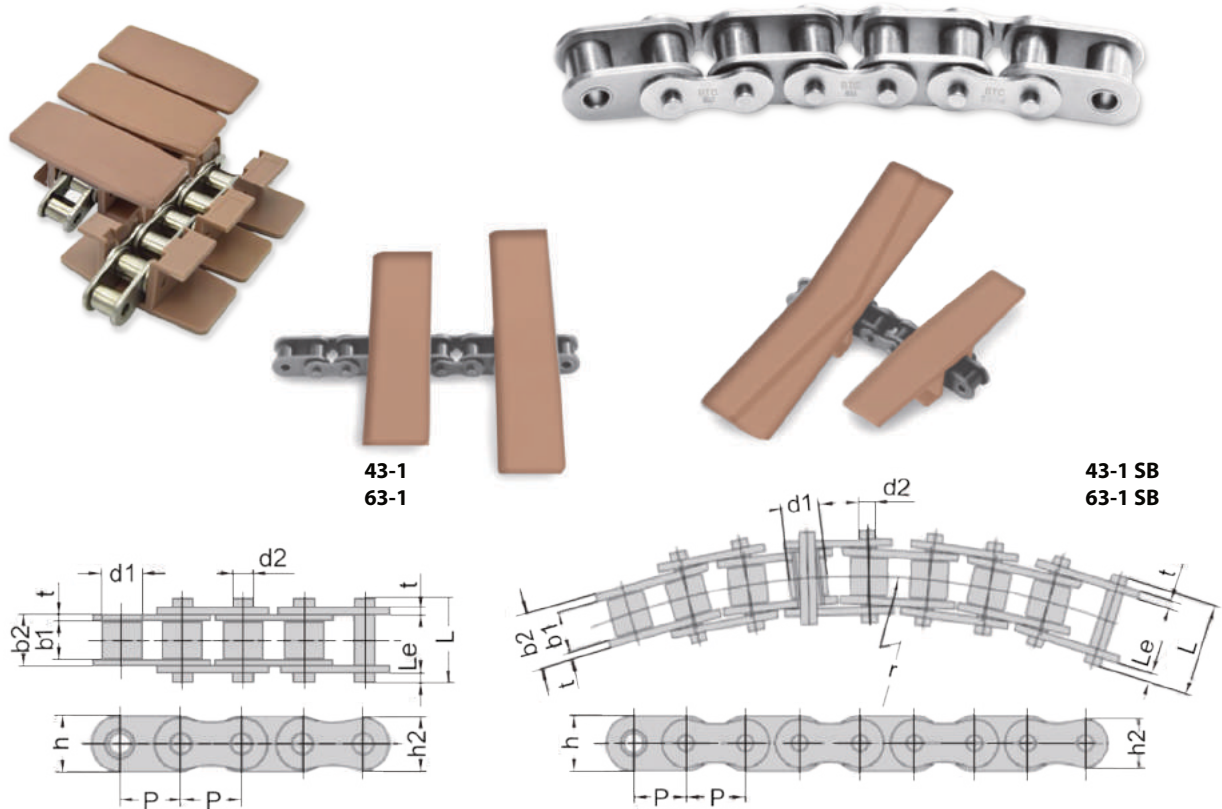


Chain no.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Plate height	Plate thickness	Ultimate tensile strength	Average tensile strength
	p	$d1_{max}$	$b1_{min}$	$d2_{max}$	L_{max}	$h2$	T	$F_{B_{min.}}$	F_{BA}
	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN
SS405L	78,105	31,78	31,75	15,90	89,15	38,0	9,5	250,0/56818	266,88

3 Transmissions

Snap-on chains

- **SN Snap-on** roller chains are designed to take plastic top slats and to operate as a conveyor chain on straight conveyors or in curve. Standard ANSI sprockets can be used.



ANSI ref.	Pitch	Roller diameter	Width between inner plates	Width inner link	Pin diameter	Pin length		Inner plate height	Outer plate height	Plate thickness	Radius	Ultimate tensile strength	Weight per meter
	P	d1 max	b1 min	b2 max	d2 max	L max	Le max	h max	h2 max	t/T max	r	F _s min	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kg/m

Straight chain

43	12,70	7,94	7,95	11,17	3,96	17,92	1,8	12,1	10,4	1,5	-	17,6/4000	0,65
43NP	12,70	7,94	7,95	11,17	3,96	17,92	1,8	12,1	10,4	1,5	-	17,6/4000	0,65
43SS (304)	12,70	7,94	7,95	11,17	3,96	17,92	1,8	12,1	10,4	1,5	-	14,1/3200	0,65
63	19,05	11,91	12,70	17,75	5,95	28,26	2,8	18,1	15,6	2,4	-	42,0/9540	1,52
63NP	19,05	11,91	12,70	17,75	5,95	28,26	2,8	18,1	15,6	2,4	-	42,0/9540	1,52
63SS (304)	19,05	11,91	12,70	17,75	5,95	28,26	2,8	18,1	15,6	2,4	-	26,0/9540	1,52

Side bow chain

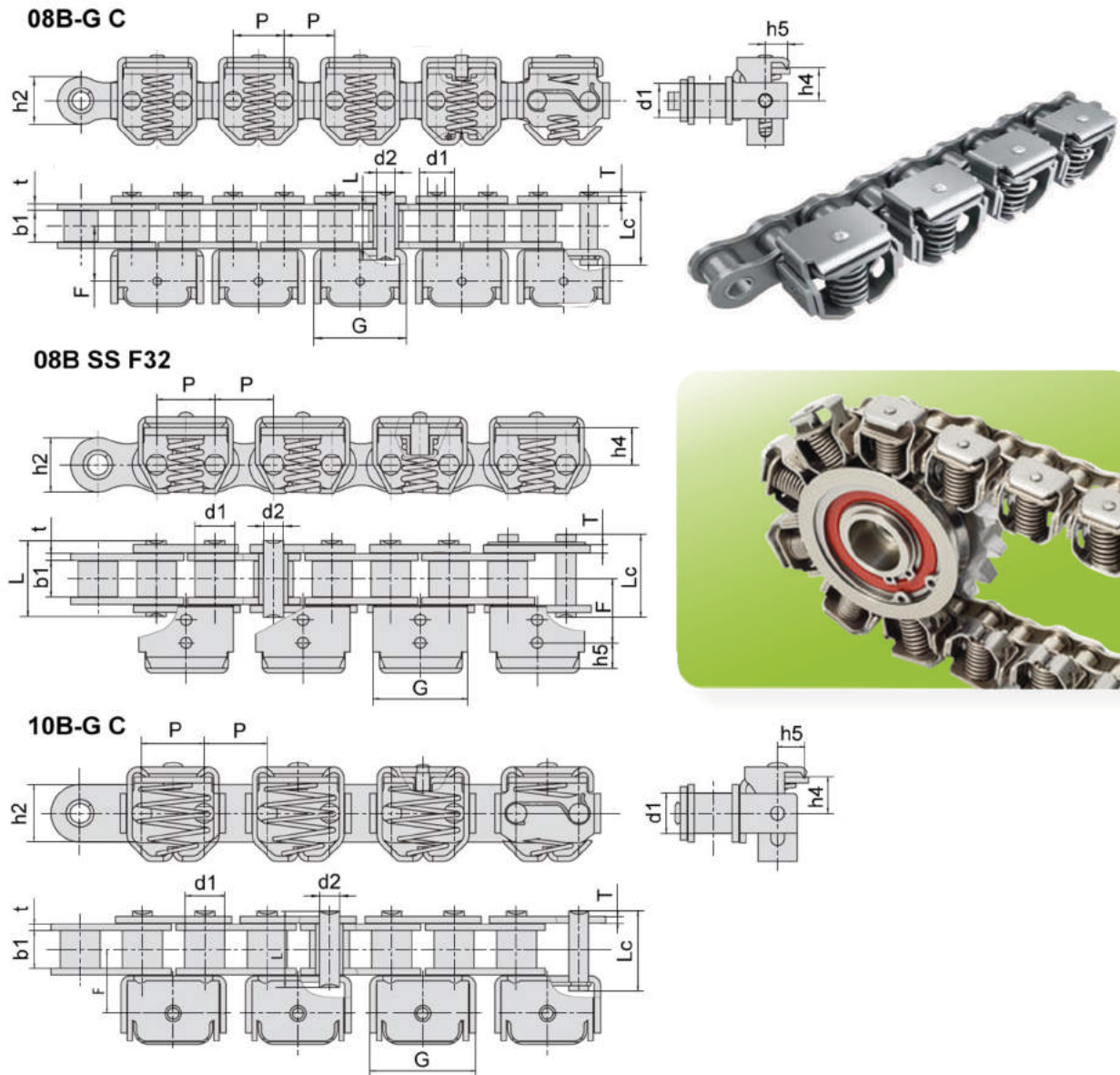
43SB	12,70	7,94	7,95	11,17	3,45	18,52	2,0	12,1	10,4	1,5	305	12,3/2795	0,60
43SB NP	12,70	7,94	7,95	11,17	3,45	18,52	2,0	12,1	10,4	1,5	305	12,3/2795	0,60
43SB SS (304)	12,70	7,94	7,95	11,17	3,45	18,52	2,0	12,1	10,4	1,5	305	10,3/2340	0,60
63SB	19,05	11,91	12,70	17,75	5,08	29,04	3,2	18,1	15,6	2,4	305	25,5/5790	1,40
63SB NP	19,05	11,91	12,70	17,75	5,08	29,04	3,2	18,1	15,6	2,4	305	25,5/5790	1,40
63SB SS (304)	19,05	11,91	12,70	17,75	5,08	29,04	3,2	18,1	15,6	2,4	305	21,6/4905	1,40

NP = Nickel Plated
SS = Stainless Steel 304
SB = Side Bow

3 Transmissions

Gripper chains

- Wear- and corrosion resistant clamping elements.
Different levels of spring force for a wide range of materials to be gripped properly. Standard execution chemical nickel plated.

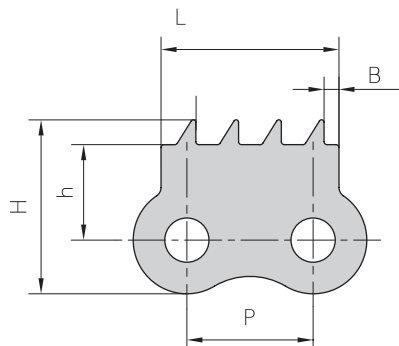


DIN ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Plate depth	Plate thickness	Attachment dimension				Tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T	h4 max	h5	F	G	Q min	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kg/m
08B-G C	12,70	8,51	7,75	4,45	16,7	18,2	11,8	1,6	8,5	5,5	13,7	19,8	18,00/4046	1,20
08B SS F32	12,70	8,51	7,75	4,45	16,7	18,2	11,8	1,6	8,0	6,5	13,8	20,4	12,00/2727	1,14
10B-G C	15,875	10,16	9,65	5,08	19,3	20,7	14,7	1,7	9,0	7,0	16,4	16,9	22,40/5036	1,60

3 Transmissions

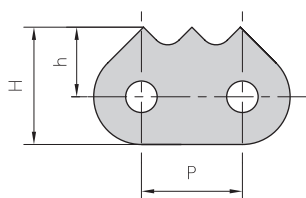
Sharp top chains - DIN 8187 / 8188

ISO 606 - European / ANSI - American standard

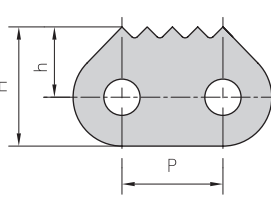


Chain ref.	P	h	H	B	L
	mm	mm	mm	mm	mm
08B-940	12,7	9,6	17,5	1,5	17,9

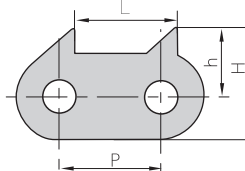
C16AF1



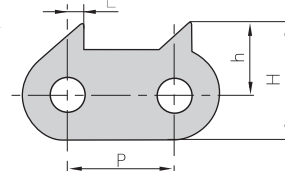
C12B-1324 C16AF2



C12B-9010 C12B-940
C60B-1-940



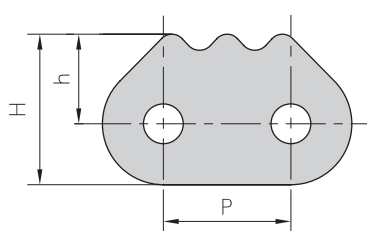
C16B-1160 C16B-1161



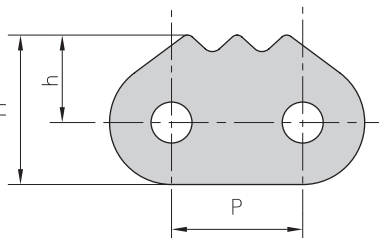
Chain ref.	P	h	H
	mm	mm	mm
C12B-1324	19,05	13,0	22,0
C16AF1	25,40	17,5	19,5
C16AF2	25,40	17,5	29,5

Chain ref.	P	h	H	L
	mm	mm	mm	mm
C12B-9010	19,05	13,0	21,0	19,05
C12B-940	19,05	13,2	22,3	19,75
C60B-1-940	19,05	12,5	21,6	19,05
C16B-1160	25,40	10,5	27,5	4,80
C16B-1161	25,40	10,5	27,5	6,00

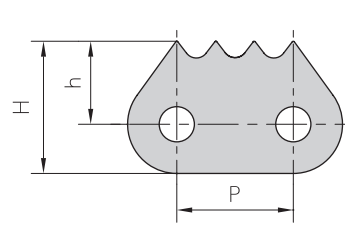
C60F2



C12B-910 C60-910



C12B-1170 (12BF3) C16A-1170



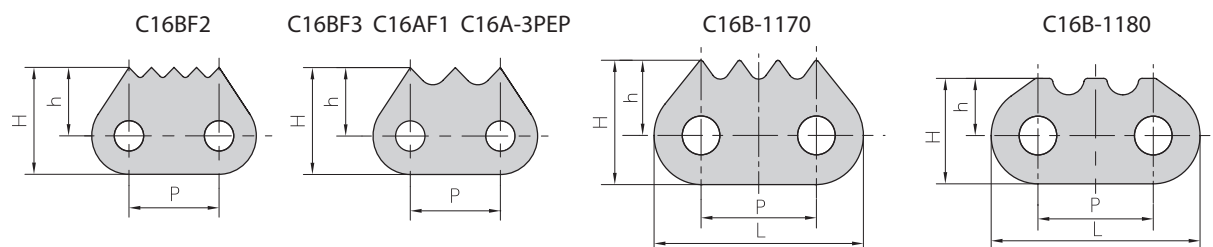
C60-910

Chain ref.	P	h	H
	mm	mm	mm
C60F2	19,05	13,38	22,48
C12B-910	19,05	13,70	21,70
C60-910	19,05	12,70	21,70
C12B-1170	19,05	13,50	21,50
C16A-1170	25,40	16,50	28,00

3 Transmissions

Sharp top chains - DIN 8187 / 8188

ISO 606 - European / ANSI - American standard

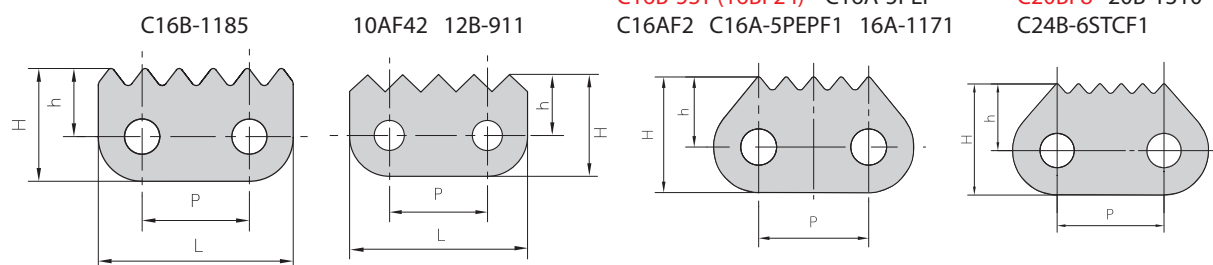


C16B-1170



C16B-1180

Chain ref.	P mm	L mm	h mm	H mm
C16BF2	25,4		18,7	29,2
C16BF3	25,4		18,7	29,2
C16AF1	25,4		17,5	29,5
C16A-3PEP			17,4	29,0
C16B-1170	25,4	46,1	16,0	26,5
C16B-1180	25,4	46,0	12,2	22,5



C16B-1185

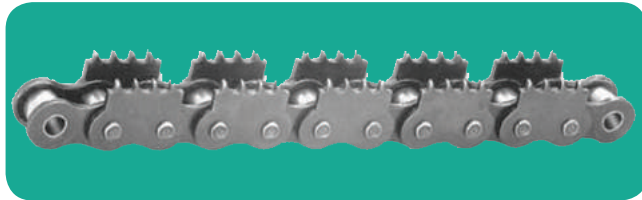
C16B-5ST (16BF24) C16A-5PEP
C16AF2 C16A-5PEPF1 16A-1171
C20BF8 20B-1310
C24B-6STCF1

Chain ref.	P mm	L mm	h mm	H mm
10AF42	15,875	30,9	11,5	19,0
12B-911	19,05	35,0	11,9	20,0
C16B-5ST (16BF24)	25,40	46,0	16,0	26,5
C16B-1185	25,40	46,0	16,0	26,5
C16AF2	25,40		17,5	29,5
C16A-5PEP	25,40		17,4	29,0
C16A-5PEPF1	25,40		17,3	29,5
16A-1171	25,40		16,0	26,4
C20BF8	31,75		19,8	33,0
20B-1310	31,75		19,8	33,0
C24B-6STCF1	38,10		23,5	40,0

3 Transmissions

Sharp top chains - DIN 8187 / 8188

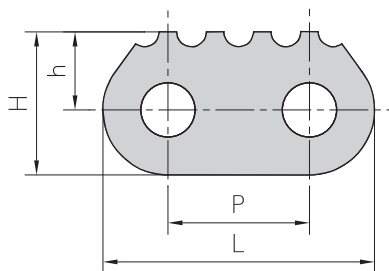
ISO 606 - European / ANSI - American standard



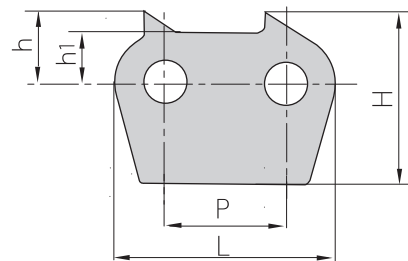
20B-1350



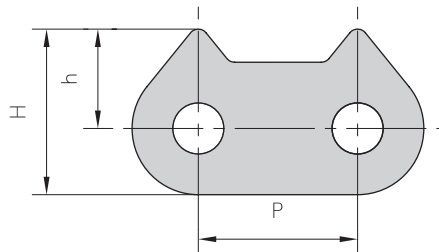
32B-1872



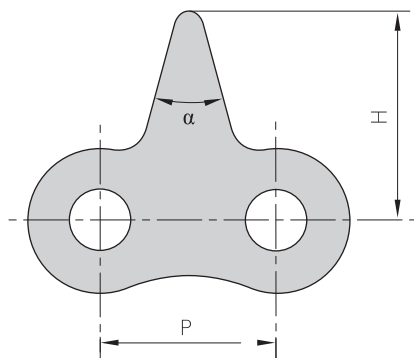
Chain ref.	P	L	h	H
	mm	mm	mm	mm
C24B-1809	38,1	73,1	21,0	38,5
C24B-1810	38,1		19,0	35,5
120F6	38,1		21,0	38,5



Chain ref.	P	L	h1	h	H
	mm	mm	mm	mm	mm
32B-1872	50,8	92,8	21,0	30,0	73,0
32B-1900F1	50,8	92,8	21,0	30,0	75,0
32BF15	50,8	91,8	20,0	45,0	75,0
C32B-1874F1	50,8	92,8	21,0	40,0	83,0



Chain ref.	P	L	H
	mm	mm	mm
C20B-1350	31,75	19,8	33,0



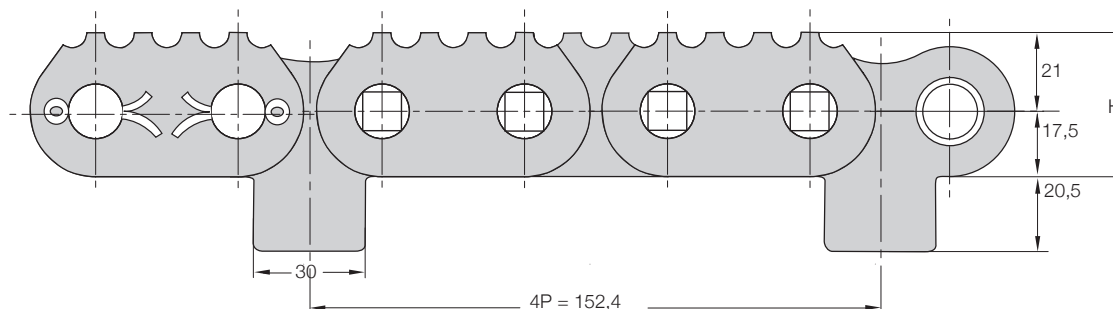
Chain ref.	P	h	α
	mm	mm	mm
06BF39	9,525	11,00	30°
08AF10	12,700	15,60	30°
08BF30	12,700	14,50	30°
08BF38	12,700	14,60	40°
120F6	12,700	21,0	30°
08BF5	12,700	14,00	50°
08BF56	12,700	14,40	30°
08BF86	12,700	15,00	50°
08BSSF11	12,700	14,60	40°
10AF7	15,875	15,88	21°
10BF40	15,875	17,40	25°
12B-1STCF1	19,050	19,00	30°
16AF44	25,400	31,80	50°
20A-1STCF1	31,750	53,00	82,1°

3 Transmissions

Sharp top chains - DIN 8187 / 8188

ISO 606 - European / ANSI - American standard

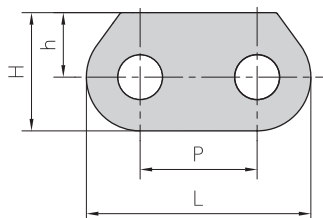
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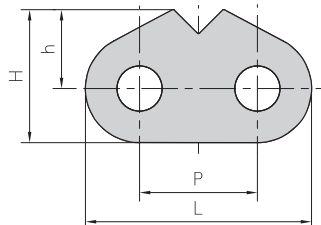
C24B-1811-1

Chain ref.	P	L	h	H
	mm	mm	mm	mm
C24B-1809-1	38,10	73,1	21,0	38,5
C24B-1811-1	38,10	73,1	21,0	38,5

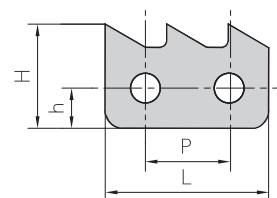
C24B-1805



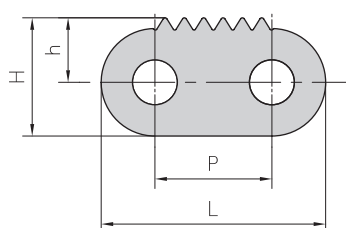
C24B-1807



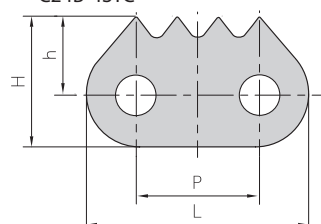
20AF1



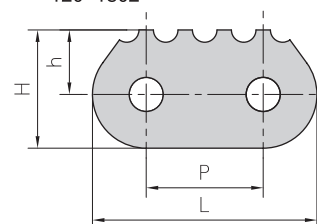
C24B-1820



C24B-4STC



120-1802

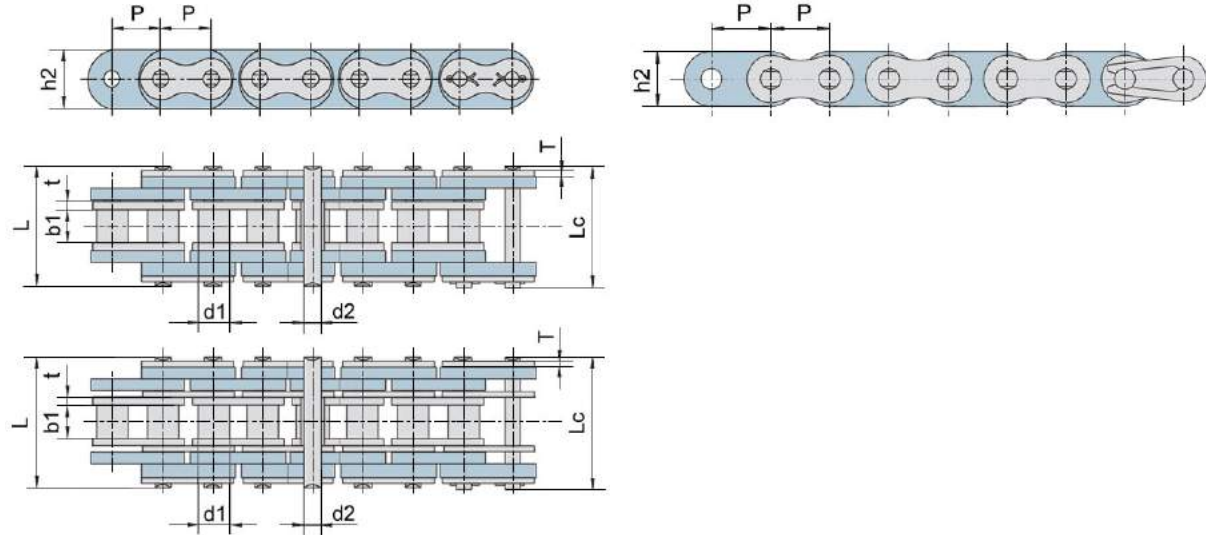


C24B-1807

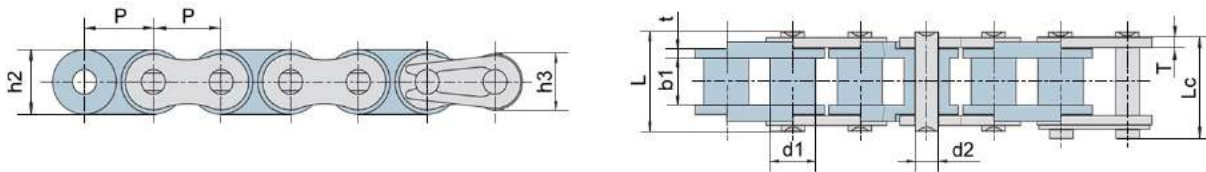
Chain ref.	P	L	h	H
	mm	mm	mm	mm
C24B-1805	38,10	73,1	21,00	38,50
C24B-1807	38,10	73,1	25,50	43,00
20AF1	31,75	57,2	14,75	35,84
C24B-1820	38,10	73,1	21,00	38,50
C24B-4STC	38,10	70,4	18,30	35,00
120-1802	38,10	73,1	21,00	38,50

3 Transmissions

Plastic attachments roller chains DIN 8187 and 8188



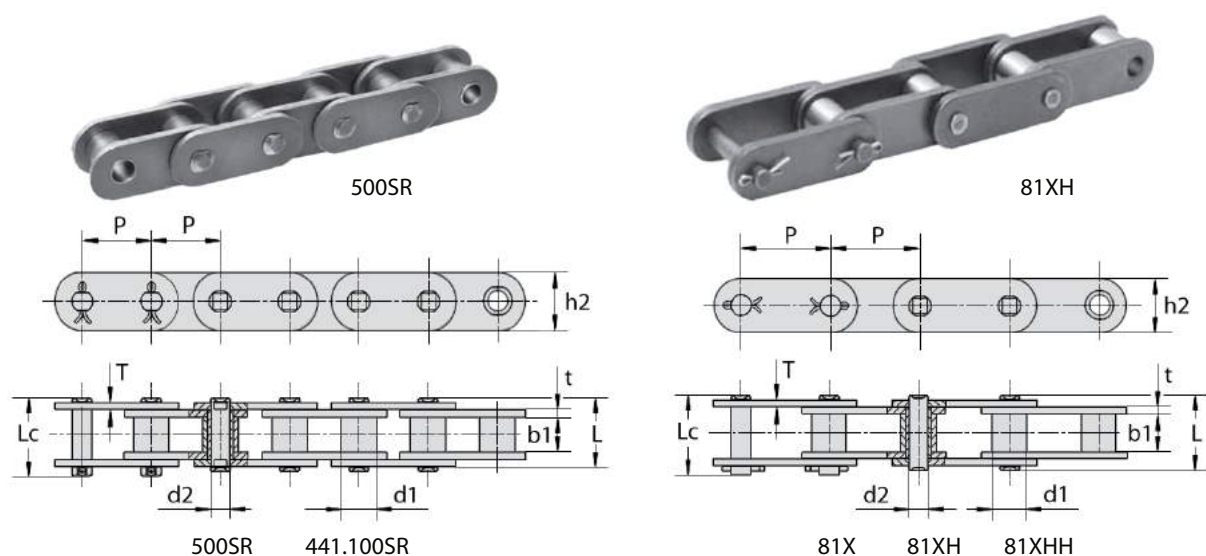
Chain ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Plate depth		Plate thickness	Tensile strength
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	h3 max	t/T max	F _s min
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB
06BF9	9,525	6,35	5,72	3,28	28,5	30	10	8,2	1,30	4,7/1065
16BF7	25,40	15,88	17,02	8,28	49,0	52	30	21,0	4,2/3,1	40,0/9085
16BF9	25,40	15,88	17,02	8,28	62,0	65	30	21,0	4,2/3,1	27,0/6135
16BF16	25,40	15,88	17,02	8,28	68,0	71	30	21,0	4,2/3,1	60,0/13636
20BF29	31,75	19,05	19,56	10,19	73,0	77	45	21,0	4,5/3,5	95,0/21584



Chain ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Plate depth		Plate thickness	Tensile strength
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	h3 max	t/T max	F _s min
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB
25CPSa	6,35	3,30	3,10	2,31	7,9	8,40	6,0	5,06	0,80	0,6/136
35CPSa	9,525	5,08	4,68	3,58	12,4	13,20	9,0	7,80	1,30	1,1/250
40CPSa	12,70	7,92	7,85	3,96	16,6	17,80	12,0	10,40	1,50	2,5/568
50CPSa	15,875	10,16	9,40	5,08	20,1	22,20	15,1	13,00	2,03	3,5/795
60CPSa	19,05	11,91	12,57	5,94	25,9	27,70	18,0	15,60	2,42	4,5/1023
80CPSa	25,40	15,88	15,75	7,92	32,7	35,00	24,0	20,50	3,25	7,5/1686
08BPSa	12,70	8,51	7,75	4,45	16,7	18,20	11,8	10,60	1,60	2,5/568
10BPSa	15,875	10,16	9,65	5,08	19,5	20,90	14,7	13,70	1,70	2,8/629
12BPSa	19,05	12,07	11,68	5,72	22,5	24,20	16,0	15,00	1,85	4,2/1023
16BPSa	25,40	15,88	17,02	8,28	36,1	37,40	21,0	21,00	4,15/3,10	7,5/1686

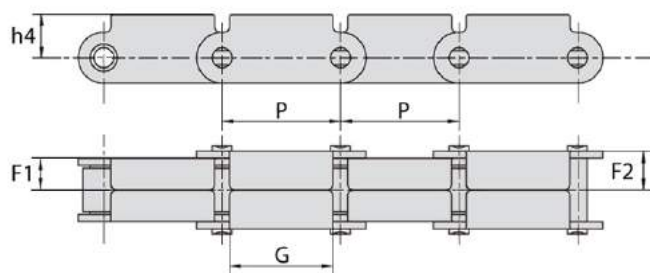
3 Transmissions

Lumber conveyor chains for wood industry



Chain ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Plate height	Plate thickness	Bearing surface	Tensile strength	Average tensile strength	Weight per meter
	p	$d1$ max	$b1$ min	$d2$ max	L max	Lc max	$h2$ max	t/T max	f	$F_{B \min}$	$F_{BA \min}$	q
	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	kN/LB	kN	kg/m
42.47F1	42,47	22,20	27,00	11,10	49,0	53,5	28,60	4,00	5,30	97,0/21806	106,7	4,74
500S	50,00	18,40	25,40	14,63	55,0	58,0	40,00	5,00	5,30	132,65/30145	160,0	6,30
500SR	50,00	25,40	25,40	14,63	55,0	58,0	40,00	5,00	5,30	132,65/30145	160,0	7,20
C1288	66,27	22,86	27,40	10,40	52,0	57,0	29,00	4,00	3,70	62,2/14136	75,0	3,80
81X	66,27	23,00	27,00	11,10	49,0	53,5	28,50	4,00	3,90	106,7/24250	129,0	3,78
81XH	66,27	23,00	27,80	11,10	60,7	65,1	31,35	8/5,55	4,90	151,9/34523	176,0	5,88
81XHE	66,27	22,20	27,00	11,10	59,5	63,0	28,50	6,30	4,90	83,3/18927	89,1	5,10
81XHS	66,27	23,00	27,00	11,10	63,6	68,0	31,80	7,60	4,90	152,0/34545	172,2	6,55
81XHH	66,27	23,00	27,80	11,10	65,6	70,0	31,35	8,00	4,90	191,1/43432	213,0	6,70
100F271	100,00	25,40	25,40	14,63	54,0	58,0	40,00	5,00	6,30	100,0/22727	114,5	5,22
441.100S	100,00	18,40	25,40	14,63	55,0	58,0	40,00	5,00	5,30	100,0/22727	114,5	4,50
441.100SR	100,00	25,40	25,40	14,63	55,0	58,0	40,00	5,00	5,30	100,0/22727	114,5	4,90

Zinc plated on request.



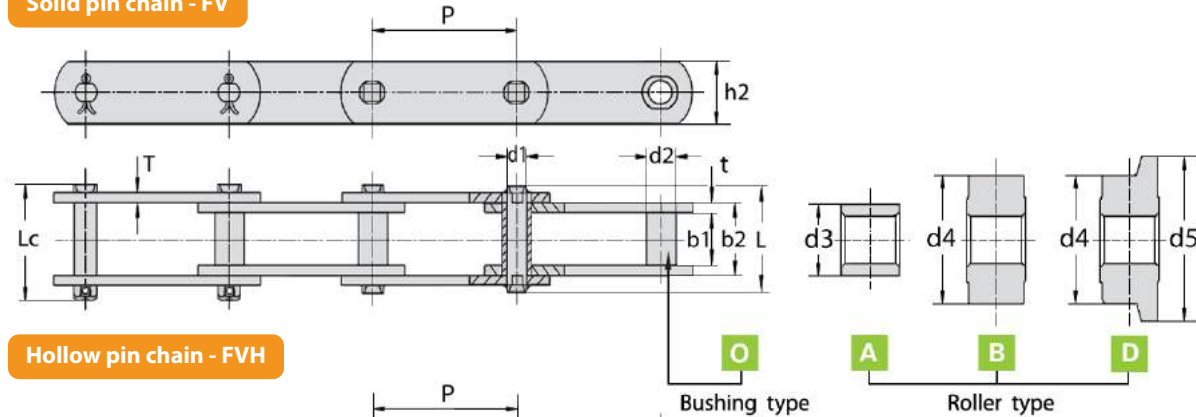
Chain ref.	P	$F1$	$F2$	G	$h4$
	mm	mm	mm	mm	mm
81XF1	66,27	17,50	21,80	58,00	23,85

3 Transmissions

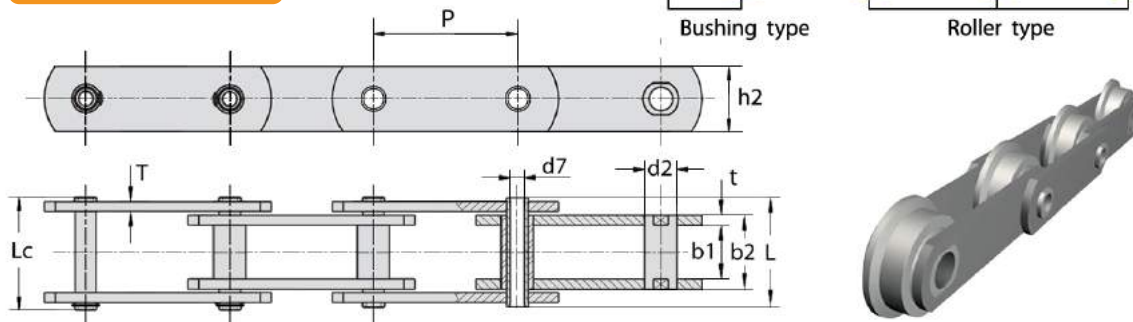
Conveyor chains - DIN 8165

Type - FV / FVH

Solid pin chain - FV



Hollow pin chain - FVH



DIN ref.	P	b1	b2	d1	d2	d3	d4	d4/d5	d7	T/t	L	L1	Lc	h2	f	F _B	F _{BH}
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	N	N
		min	max		O	A	B	D	min							min	min
FV 40	40	18	24,5	10	15	20	32	40/48	-	3	36,0	-	43	26	2,5	40000	-
	50																
	63																
	80																
	100																
FV 63	63	22	30,5	12	18	26	40	50/60	8	4	44,0	44,0	54	30	3,7	63000	46000
	80																
	100																
	125																
	160																
FV 90	63	25	35,5	14	20	30	48	63/73	10	5	52,0	51,2	61	35	5,0	90000	73000
	100																
	125																
	160																
	200																
	250																
FV 112	100	30	42,5	16	22	32	55	72/85	11	6	61,0	60,2	70	40	6,8	112000	90000
	125																
	160																
	200																
	250																
FV 140	100	35	47,5	18	26	36	60	80/95	12	6	66,0	65,3	79	45	8,6	140000	110000
	125																
	160																
	200																
	250																
FV 180	125	45	61,5	20	30	42	70	100/120	14	8	85,5	84,8	99	50	12,3	180000	145000
	160																
	200																
	250																
	315																

f= bearing area

F_B= breaking load solid pin chain

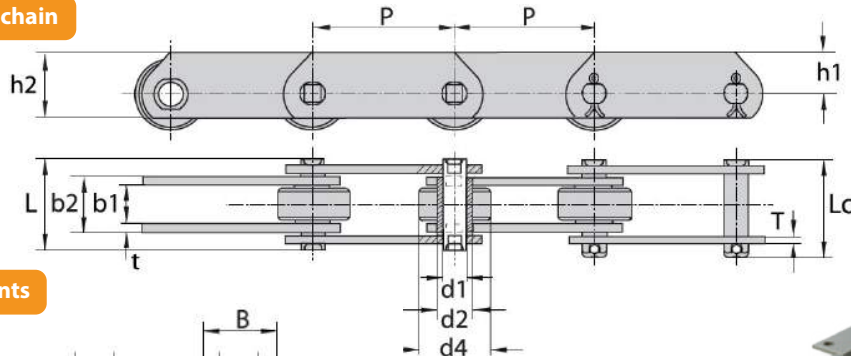
F_{BH}= breaking load hollow pin

3 Transmissions

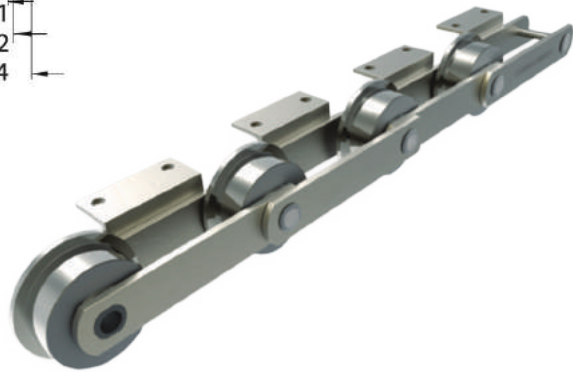
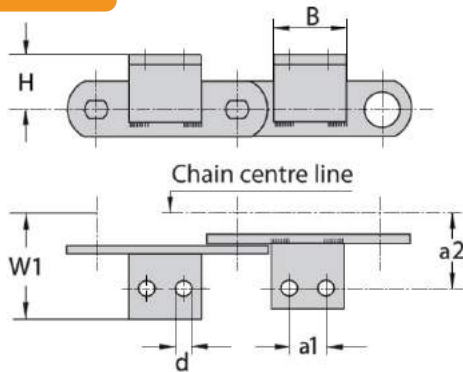
Conveyor chains - DIN 8165

Type - FVT

Deep link chain



Attachments



DIN ref.	P	a1	a2°	B	d	h2	h1	H°	W	Angle iron	q	q	q	q	Attachment
	mm	mm	mm	mm	mm	m	mm	mm	mm		mm	mm	mm	mm	weight
				max	max						O	A	B	D	kg/each
FV 40	40	-	-	-	-			-	-	-	2,59	3,04	4,68	-	-
	50	*	25	25	6,4	35	22	20	49	**	2,34	2,70	4,06	-	0,02
	63	*		31						**	2,08	2,36	3,43	4,65	0,03
	80	*		40						**	1,91	2,14	3,02	4,01	0,04
	100	30		50					46	**	1,76	1,94	2,60	3,38	0,05
FV 63	63	*	34	40	8,4	40	25	30	50	**	3,46	4,17	6,08	-	0,05
	80	*		40					49,5	30x30x4	3,10	3,72	5,29	6,00	0,07
	100	30		50							2,92	3,37	4,57	5,60	0,09
	125	40		60							2,67	3,03	3,79	4,82	0,12
	160	50		70							2,45	2,73	3,48	4,13	0,14
FV 90	63	-	-	-	-			-	-	-	5,72	6,87	10,00	-	-
	100	30	40	50	8,4	45	27,5	35	63	40x40x5	4,67	5,40	7,37	9,59	0,15
	125	40		60							4,35	4,93	6,51	8,29	0,19
	160	50		70							3,87	4,32	5,56	6,95	0,24
	200	60		80							3,50	3,86	4,85	5,96	0,27
	250	65		85							3,47	3,76	4,55	5,44	0,30
FV 112	100	30	50	50	11	50	30	40	67,5	40x40x6	6,11	7,06	10,50	14,30	0,18
	125	40		65							5,85	6,61	9,39	12,40	0,23
	160	50		75							5,26	5,85	8,03	10,40	0,28
	200	65		90							5,00	5,47	7,30	9,13	0,35
	250	80		105							4,72	5,10	6,49	8,02	0,47
FV 140	100	30	50	55	11	60	37,5	45	80	50x50x7	7,38	8,69	13,30	-	0,28
	125	40		65							6,78	7,80	11,50	15,70	0,33
	160	50		75							6,56	7,36	10,20	13,50	0,41
	200	65		90							5,82	6,46	8,77	11,40	0,51
	250	80		105							5,48	5,99	7,85	9,96	0,69
FV 180	125	35	64	63	13	70	45	45	89,3	50x50x7	10,70	12,50	19,20	-	0,33
	160	50		80							9,72	11,20	16,30	22,20	0,41
	200	65		95							9,12	10,00	14,40	19,10	0,51
	250	80		110							8,51	9,43	12,70	16,90	0,69
	315	100		130							8,20	8,93	11,60	14,50	0,82

° = Free dimension

* = 1 hole only

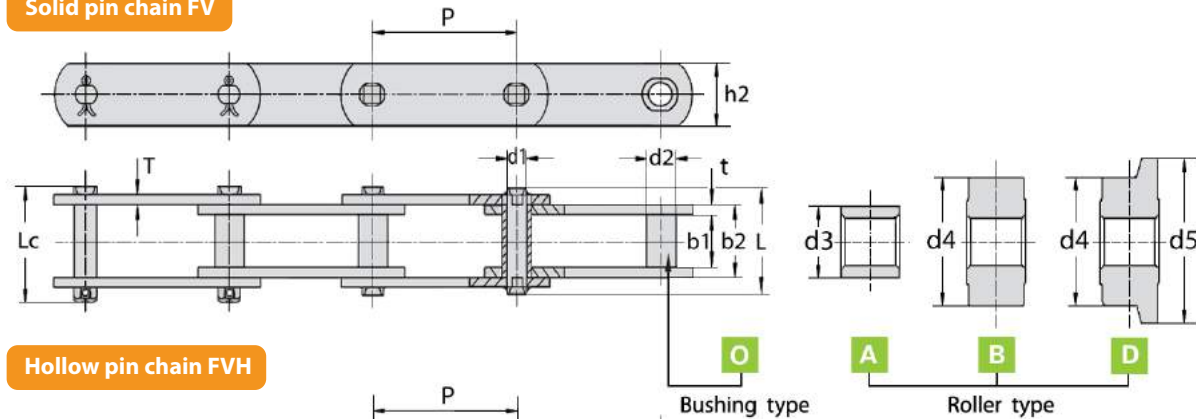
q = chain weight

3 Transmissions

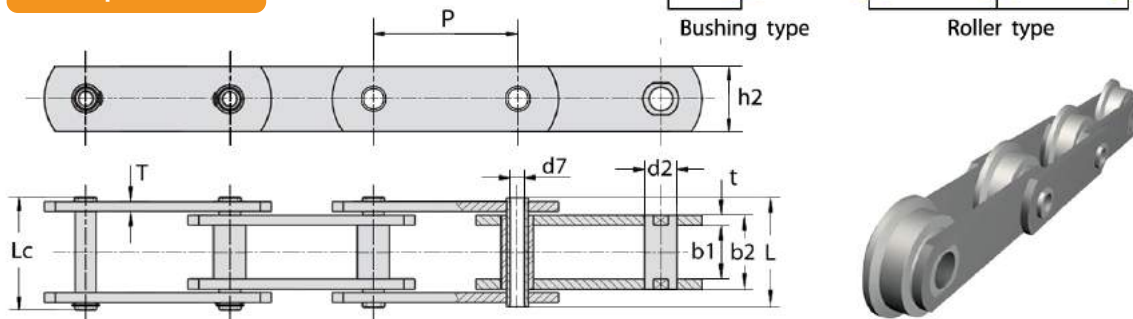
Conveyor chains - DIN 8165

Type - FV / FVH

Solid pin chain FV



Hollow pin chain FVH



DIN ref.	P	b1	b2	d1	d2	d3	d4	d4/d5	d7	T/t	L	L1	Lc	h2	f	F _B	F _{BH}
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	N	N
		min	max		O	A	B	D	min							min	min
FV 250	125	55	72	26	36	50	80	125/145	18	8	97.5	95.3	113	60	18,7	250000	215000
	160																
	200																
	250																
	315																
FV 315	160	65	86	30	42	60	90	140/170	20	10	117	113.3	130	70	25,8	315000	295000
	200																
	250																
	315																
	400																
FV 400	160	70	96	32	44	60	100	150/185	22	12	130	127.3	148	70	30,7	400000	330000
	200																
	250																
	315																
	400																
FV 500	160	80	106	36	50	70	110	160/195	26	12	140	138.3	160	80	38,2	500000	440000
	200																
	250																
	315																
	400																
FV 630	200	90	116	42	56	80	120	170/210	30	12	152	149.3	196	100	48,7	630000	520000
	250																
	315																
	400																
	500																

f= bearing area

F_B= breaking load solid pin chain

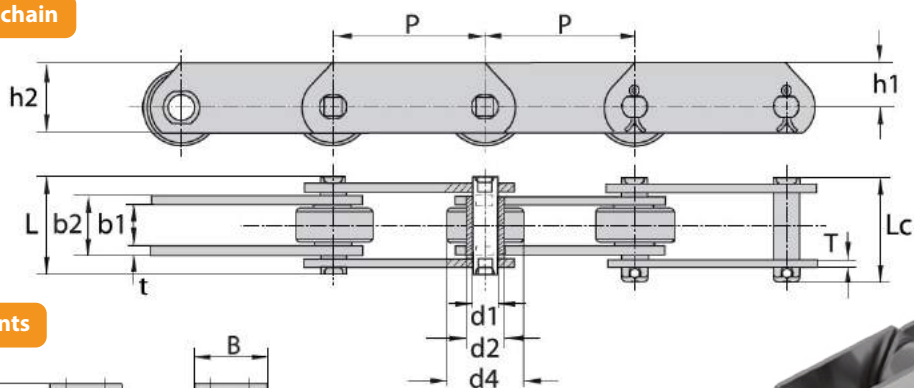
F_{BH}= breaking load hollow pin

3 Transmissions

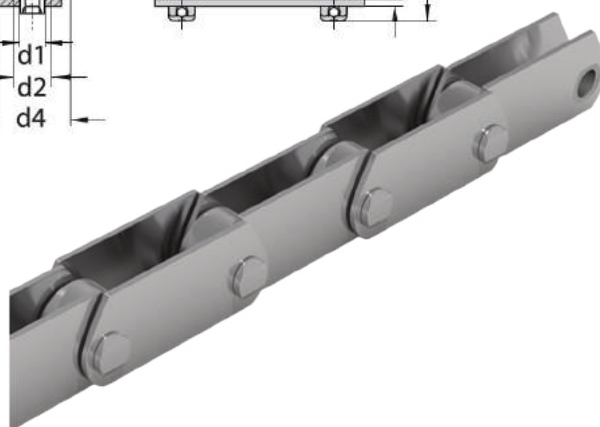
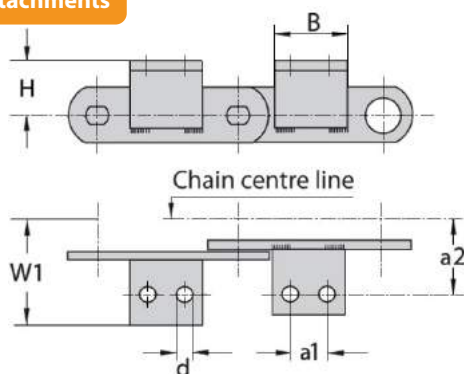
Conveyor chains - DIN 8165

Type - FVT

Deep link chain



Attachments



DIN ref.	P	a1	a2°	B	d	h2	h1	H°	W	Angle iron	q	q	q	q	Attachment
	mm	mm	mm	mm	mm	mm	mm	mm	mm		mm	mm	mm	mm	weight
				max	max						O	A	B	D	kg/each
FV 250	125	*	69	50	13	80	50	55	109.5	65x65x7	14,30	17,50	27,50	-	0,39
	160	50		80							13,00	15,50	23,40	39,90	0,62
	200	65		95							11,80	13,80	20,60	33,30	0,77
	250	80		110							10,80	12,40	17,40	28,00	1,04
	315	100		130							10,00	11,20	15,20	23,60	1,23
FV 315	160	*	85	50	13	90	55	60	124	70x70x9	20,04	24,51	35,67	-	0,65
	200	65		95							18,24	21,81	30,74	43,59	0,93
	250	80		110							16,76	19,65	26,79	37,07	1,25
	315	100		130							15,53	17,80	23,46	31,62	1,48
	400	100		130							14,56	16,35	20,81	27,23	1,48
FV 400	160	*	95	50	17	90	55	65	131	70x70x11	24,16	28,52	45,58	-	0,78
	200	60		100							21,91	25,40	39,05	56,11	1,12
	250	80		120							20,17	22,96	33,88	47,53	1,50
	315	100		140							18,73	20,95	29,61	40,44	1,78
	400	100		140							17,56	19,31	26,12	34,66	1,78
FV 500	160	*	100	50	17	100	60	70	146.0	80x80x12	30,04	37,18	58,90	-	0,84
	200	50		90							27,04	32,75	50,13	-	1,25
	250	80		120							24,65	29,22	43,12	55,48	1,88
	315	100		140							22,68	26,30	37,34	47,14	2,23
	400	100		140							21,06	23,91	32,60	40,33	2,23
FV 630	200	*	115	50	17	120	70	80	171.0	100x100x12	36,45	45,22	67,25	-	1,24
	250	70		110							32,93	39,95	57,57	76,20	2,13
	315	100		140							30,02	35,59	49,57	64,36	2,83
	400	100		140							27,65	32,04	43,05	54,69	2,83
	500	100		140							25,88	29,39	38,20	47,52	2,83

° = Free dimension

* = 1 hole only

q = chain weight

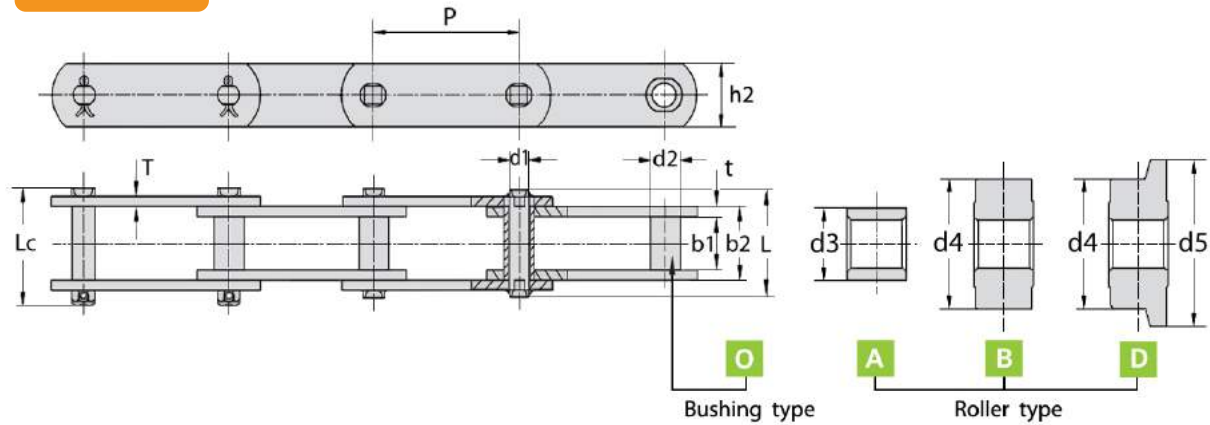
3 Transmissions

Conveyor chains - DIN 8167

Type - M

ISO Recommendation R 1977

Solid pin chain



DIN ref.	P	b1	b2	d1	d2	d3	d4	d4/d5	e	F1	F3	h2	s	f	F _B
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	N
		min	max		O	A	B	D							min
M 20 **	40	16	22	6	9	12,5	25	25/30	4	31,2	36,2	18	2,5	1,32	20000
	50														
	63														
	80														
	100														
	125														
M 28 **	160														
	50	18	25	7	10	15	30	30/36	4,5	35,2	40,2	20	3	1,75	28000
	63														
	80														
	100														
	125														
M 40 **	160														
	200														
	63	20	28	8,5	12,5	18,0	36	36/42	4,5	40,2	47,2	25	3,5	2,38	40000
	80														
	100														
	125														
M 56	160														
	200														
	250														
	63	24	33	10	15	21	42	42/50	6	47,2	56,2	30	4	3,30	56000
	80														
	100														
M 80	125														
	160														
	200														
	250														
	315														
	80	28	39	12	18	25	50	50/60	7	55,2	64,2	35	5	4,68	80000
M 112	100														
	125														
	160														
	200														
	250														
	315														
M 112	400														
	80	32	45	15	21	30	60	60/70	7,5	64,2	75,2	40	6	6,75	112000
	100														
	125														
	160														
	200														

** Pins + bushings not flattened

f = bearing area F_B = breaking load F1 = Riveted pin F3 = Cottedred pin

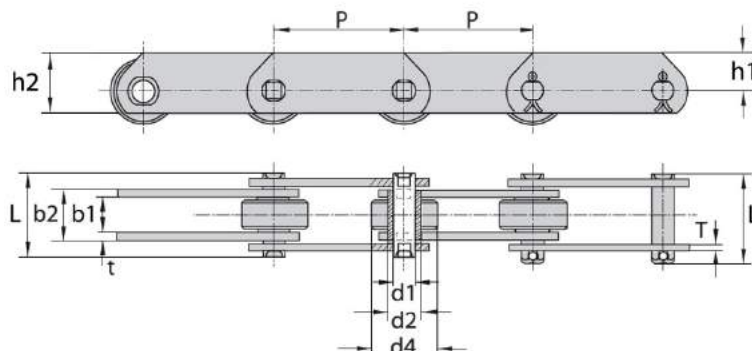
3 Transmissions

Conveyor chains - DIN 8167

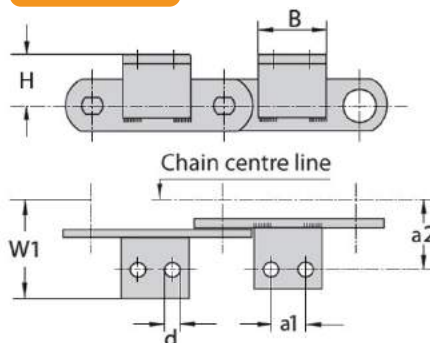
Type - MT

ISO Recommendation R 1977

Deep link chain



Attachments



DIN ref.	P	a1	a2°	B	d	h2	h1	H°	W	Angle iron	q	q	q	q	Attachment
	mm	mm	mm	mm	mm	m	mm	mm	mm		mm	mm	mm	mm	weight
				max	max						O	A	B	D	kg/each
M 20 **	40	*	27	14	6,6	25	16	16	39	15x20x3	1,08	1,44	2,61	2,81	0,02
	50	*		14							1,01	1,29	2,23	2,39	0,02
	63	20		35							0,99	1,23	2,00	2,13	0,04
	80	35		50							0,90	1,07	1,67	1,77	0,06
	100	50		65							0,86	1,00	1,47	1,55	0,07
	125	50		65							0,82	0,95	1,32	1,38	0,07
	160	50		65							0,80	0,89	1,19	1,24	0,07
M 28 **	50	*	32	20	9	30	20	20	46	20x30x3	1,54	1,82	3,32	3,52	0,02
	63	*		20							1,42	1,64	2,84	3,00	0,02
	80	25		45							1,32	1,50	2,44	2,57	0,05
	100	40		60							1,24	1,38	2,13	2,23	0,07
	125	65		85							1,18	1,30	1,90	1,98	0,10
	160	65		85							1,13	1,22	1,69	1,08	0,10
	200	65		85							1,10	1,17	1,54	1,59	0,10
M 40 **	63	*	35	20	9	35	22,5	25	48	30x30x3	2,24	2,57	4,47	4,70	0,03
	80	20		40							1,98	2,25	3,75	3,95	0,06
	100	40		60							1,91	2,12	3,32	3,47	0,08
	125	65		85							1,81	1,98	2,93	3,06	0,15
	160	65		85							1,71	1,85	2,60	2,71	0,15
	200	65		85							1,64	1,75	2,35	2,42	0,15
	250	65		85							1,60	1,68	2,16	2,23	0,15
M 56	63	*	44	22	11	45	30	30	61	40x40x4	3,32	3,83	6,93	7,26	0,05
	80	*		22							3,01	3,41	5,86	6,20	0,05
	100	25		50							2,79	3,11	5,07	5,34	0,12
	125	50		75							2,60	2,87	4,43	4,65	0,18
	160	85		110							2,44	2,64	3,87	4,04	0,27
	200	85		110							2,34	2,50	3,49	3,63	0,27
	250	85		110							2,25	2,37	3,16	3,27	0,27
M 80	80	*	48	22	11	50	32,5	35	65	40x40x4	4,65	5,29	9,35	9,95	0,05
	100	*		22							4,27	4,79	8,03	8,50	0,05
	125	50		75							3,97	4,38	6,98	7,35	0,18
	160	85		110							3,70	4,03	6,05	6,35	0,27
	200	125		150							3,51	3,77	5,39	5,63	0,36
	250	125		150							3,37	3,57	4,87	5,06	0,36
	315	125		150							3,24	3,41	4,43	4,58	0,36
M 112	80	*	55	28	14	60	40	40	79	50x50x6	6,75	7,88	14,60	15,30	0,13
	100	*		28							6,15	7,06	12,40	13,00	0,13
	125	35		65							5,69	6,42	10,70	11,20	0,30
	160	65		95							5,26	5,83	9,15	9,54	0,44
	200	100		130							4,97	5,43	8,09	8,38	0,59
	250	100		130							4,74	5,10	7,22	7,47	0,59
	315	100		130							4,53	4,82	6,52	6,70	0,59
	400	100		130							4,38	4,61	5,94	6,08	0,59

** Pins + bushings not flattened

* = 1 hole only

q = chain weight

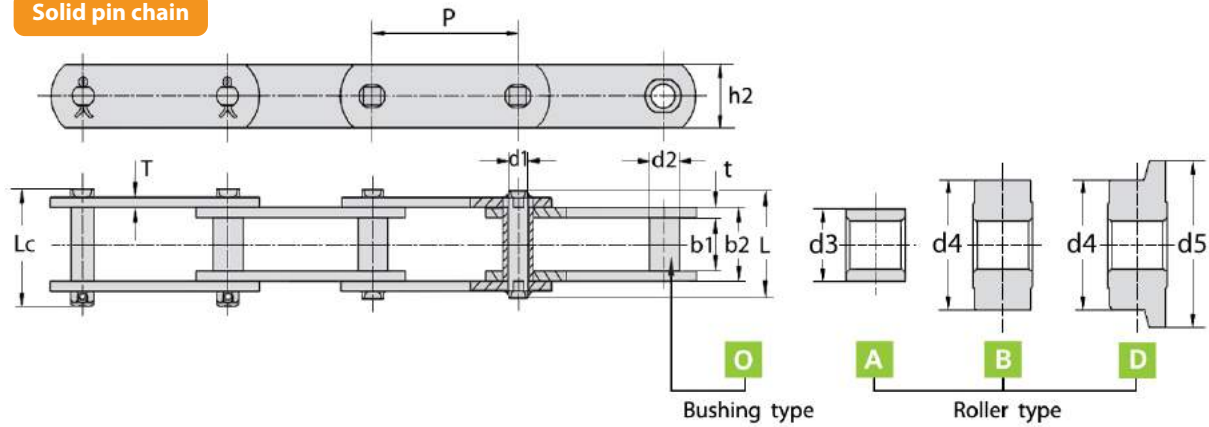
3 Transmissions

Conveyor chains - DIN 8167

Type - M

ISO Recommendation R 1977

Solid pin chain



DIN ref.	P	b_1	b_2	d_1	d_2	d_3	d_4	d_4/d_5	e	F_1	F_3	h_2	s	f	F_B
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	N
		min	max		O	A	B	D							min
M 160	100	37	52	18	25	36	70	70/85	8,5	73,3	88,3	50	7	9,36	160000
	125														
	160														
	200														
	250														
	315														
	400														
	500														
M 224	125	43	60	21	30	42	85	85/100	10,0	86,3	99,3	60	8	12,60	224000
	160														
	200														
	250														
	315														
	400														
	500														
	630														
M 315	160	48	70	25	36	50	100	100/120	10,5	100,3	120,3	70	10	17,50	315000
	200														
	250														
	315														
	400														
	500														
	630														
M 450	200	56	82	30	42	60	120	120/140*	11,5	117,5	141,3	80	12	24,60	450000
	250														
	315														
	400														
	500														
	630														
	800														
M 630	250	66	96	36	50	70	140	140/170*	14,5	136,3	159,3	100	14	34,56	630000
	315														
	400														
	500														
	630														
	800														
	1000														
M 900	250	78	112	44	60	85	170	170/210*	17,0	157,3	179,3	120	16	49,28	900000
	315														
	400														
	500														
	630														
	800														
	1000														

f = bearing area F_B = breaking load F_1 = Riveted pin F_3 = Cottered pin

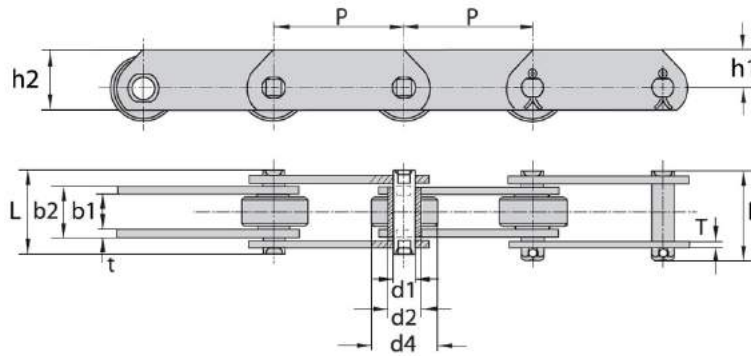
3 Transmissions

Conveyor chains - DIN 8167

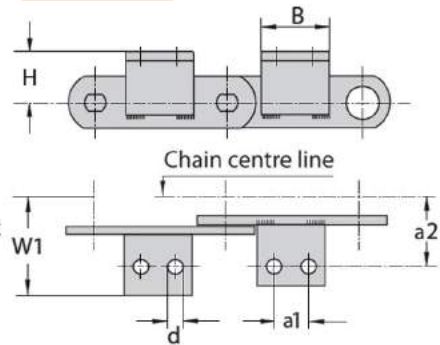
Type - FVT

ISO Recommendation R 1977

Deep link chain



Attachments



DIN ref.	P	a1	a2°	B	d	h2	h1	H°	W	Angle iron	q	q	q	q	Attachment
	mm	mm	mm	mm	mm	m	mm	mm	mm		mm	mm	mm	mm	weight
				max	max						O	A	B	D	kg/each
M 160	100	*	62	30	14	70	45	15	83.5	50x50x6	9,70	11,20	19,50	20,40	0,14
	125	*		30							8,85	10,10	16,70	17,50	0,14
	160	50		80							8,15	9,12	14,30	14,90	0,37
	200	85		115							7,56	8,33	12,50	13,00	0,53
	250	145		175							7,22	7,82	11,10	11,50	0,80
	315	145		175							6,88	7,38	9,95	10,30	0,80
	400	145		175							6,57	6,95	9,00	9,25	0,80
	500	145		175							6,36	6,68	8,35	8,52	0,80
M 224	125	*	70	35	18	90	60	55	99	60x60x8	13,10	14,90	26,60	27,80	0,25
	160	*		35							11,90	13,30	22,40	23,40	0,25
	200	65		100							11,10	12,20	19,50	20,30	0,71
	250	125		160							10,30	11,20	17,10	17,70	1,13
	315	190		225							9,78	10,50	15,10	15,70	1,60
	400	190		225							9,30	9,86	13,50	13,90	1,60
	500	190		225							8,97	9,40	12,30	12,60	1,60
	630	190		225							8,67	9,02	11,30	11,60	1,60
M 315	160	*	80	35	18	100	65	65	116	70x70x9	18,30	20,50	34,40	36,10	0,27
	200	50		85							16,70	18,60	29,60	31,00	0,66
	250	100		135							15,60	17,10	25,90	27,10	1,04
	315	155		190							14,60	15,80	22,90	23,70	1,46
	400	155		190							13,90	14,80	20,30	21,20	1,46
	500	155		190							13,30	14,10	18,50	19,10	1,46
	630	155		190							12,80	13,40	16,90	17,40	1,46
M 450	200	*	90	40	18	120	80	75	124	70x70x9	24,20	27,50	46,00	47,80	0,37
	250	85		125							22,40	25,00	39,80	41,40	1,17
	315	155		195							20,90	22,90	34,70	36,00	1,82
	400	240		280							19,70	21,30	30,60	31,50	2,62
	500	240		280							18,70	20,10	27,50	28,20	2,62
	630	240		280							18,00	19,00	24,90	25,50	2,62
	800	240		280							17,40	18,20	22,80	23,30	2,62
M 630	250	*	115	50	24	140	90	90	163	100x100x12	34,80	39,60	62,80	65,70	0,89
	315	100		150							32,20	35,40	54,30	56,50	2,67
	400	190		240							30,30	32,70	47,80	49,50	4,27
	500	300		350							28,40	30,40	42,40	43,80	6,22
	630	300		350							27,10	28,70	38,30	39,30	6,22
	800	300		350							26,00	27,20	34,70	35,60	6,22
	1000	300		350							25,20	26,20	32,20	32,90	6,22
M 900	250	*	140	60	30	180	120	110	193	120x120x15	51,20	58,00	100,00	106,00	1,59
	315	65		125							47,00	52,30	85,70	90,20	3,32
	400	155		215							43,50	47,70	74,00	77,40	5,70
	500	240		300							40,80	44,20	65,30	68,10	7,95
	630	240		300							38,80	41,40	58,10	60,40	7,95
	800	240		300							36,90	39,00	52,20	51,70	7,95
	1000	240		300							35,50	37,20	47,70	49,10	7,95

** Pins + bushings not flattened

* = 1 hole only

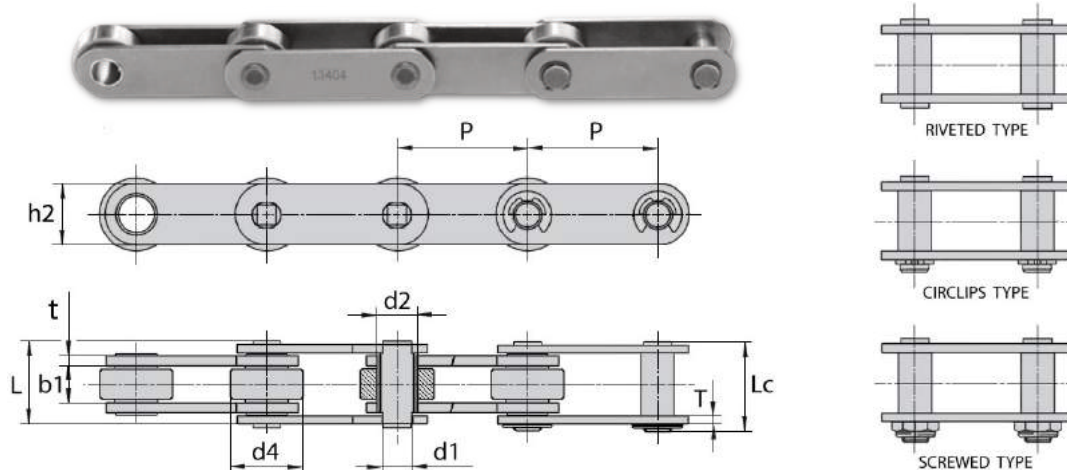
q = chain weight

3 Transmissions

Solid pin conveyor chains

Type - GH

Solid pin chain



Chain ref.	Pitch	Width between inner plates	Roller diameter	Bush diameter	Pin diameter	Pin length		Plate height	Plate thickness	Bearing surface	Tensile strength	Weight per meter
	P	b1 min	d4 max	d2 max	d1 max	L max	Lc max	h2 max	t/T max	f	F ₂ min	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	kN/LB	kg/m
GH 6702 ZP DS	50,8	15	31,8	18	14	36,5	41	25,4	3,8/3,8	3,2	67000	4,0
GH 6703 ZP DS	76,2	15	31,8	18	14	36,5	41	25,4	3,8/3,8	3,2	67000	3,2
GH 67035 ZP DS	88,9	15	31,8	18	14	36,5	41	25,4	3,8/3,8	3,2	67000	3,0
GH 6704 ZP DS	101,6	15	31,8	18	14	36,5	41	25,4	3,8/3,8	3,2	67000	2,8
GH 6705 ZP DS	127,0	15	31,8	18	14	36,5	41	25,4	3,8/3,8	3,2	67000	2,6
GH 6706 ZP DS	152,4	15	31,8	18	14	36,5	41	25,4	3,8/3,8	3,2	67000	2,4
GH 13403 ZP DS	76,2	19	47,6	23,6	19	44	48	38,1	5,1/3,8	5,6	134000	7,6
GH 134035 ZP DS	88,9	19	47,6	23,6	19	44	48	38,1	5,1/3,8	5,6	134000	7,0
GH 13404 ZP DS	101,6	19	47,6	23,6	19	44	48	38,1	5,1/3,8	5,6	134000	6,4
GH 13405 ZP DS	127,0	19	47,6	23,6	19	44	48	38,1	5,1/3,8	5,6	134000	5,7
GH 13406 ZP DS	152,4	19	47,6	23,6	19	44	48	38,1	5,1/3,8	5,6	134000	5,2
GH 26804 ZP DS	101,6	25,4	66,7	33,2	26,9	57	62	51	7,1/5,1	10,7	268000	14,2
GH 26805 ZP DS	127,0	25,4	66,7	33,2	26,9	57	62	51	7,1/5,1	10,7	268000	12,4
GH 26806 ZP DS	152,4	25,4	66,7	33,2	26,9	57	62	51	7,1/5,1	10,7	268000	11,2
GH 26808 ZP DS	203,2	25,4	66,7	33,2	26,9	57	62	51	7,1/5,1	10,7	268000	9,7

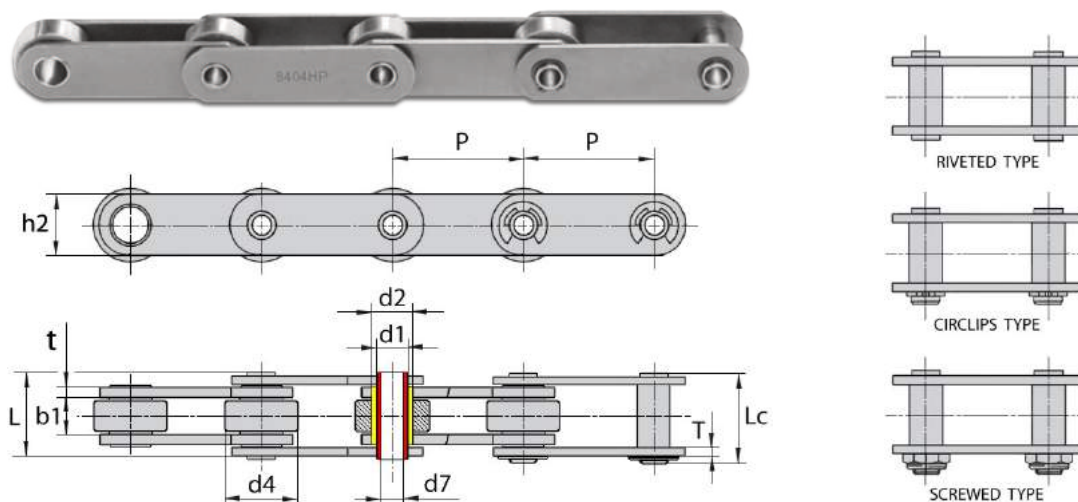


3 Transmissions

Hollow pin conveyor chains

Type - GH HP

Hollow pin chain



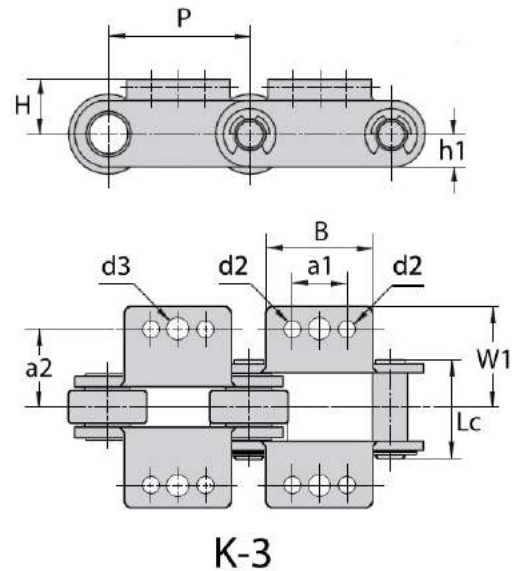
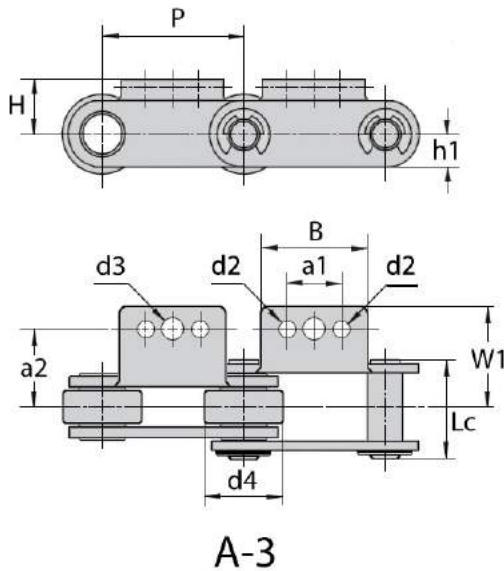
Chain ref.	Pitch	Width between inner plates	Roller diameter	Bush diameter	Hollow pin outside	Hollow pin inside	Pin length		Plate height	Plate thickness	Bearing surface	Tensile strength	Weight per meter
	p	b1 min	d4 max	d2 max	d1 max	d7 max.	L max	Lc max	h2 max	t/T max	f	F _s min	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	kN/LB	kg/m
GH 4202 HP ZP DS	50,8	15	31,8	18	14	10,1	36,5	41	25,4	3,8/3,8	3,2	42000	3,5
GH 4203 HP ZP DS	76,2	15	31,8	18	14	10,1	36,5	41	25,4	3,8/3,8	3,2	42000	2,9
GH 42035 HP ZP DS	88,9	15	31,8	18	14	10,1	36,5	41	25,4	3,8/3,8	3,2	42000	2,7
GH 4204 HP ZP DS	101,6	15	31,8	18	14	10,1	36,5	41	25,4	3,8/3,8	3,2	42000	2,6
GH 4205 HP ZP DS	127,0	15	31,8	18	14	10,1	36,5	41	25,4	3,8/3,8	3,2	42000	2,4
GH 4206 HP ZP DS	152,4	15	31,8	18	14	10,1	36,5	41	25,4	3,8/3,8	3,2	42000	2,3
GH 8403 HP ZP DS	76,2	19	47,6	23,6	19	13,2	44	48	38,1	5,1/3,8	5,6	84000	6,9
GH 84035 HP ZP DS	88,9	19	47,6	23,6	19	13,2	44	48	38,1	5,1/3,8	5,6	84000	6,3
GH 8404 HP ZP DS	101,6	19	47,6	23,6	19	13,2	44	48	38,1	5,1/3,8	5,6	84000	5,9
GH 8405 HP ZP DS	127,0	19	47,6	23,6	19	13,2	44	48	38,1	5,1/3,8	5,6	84000	5,3
GH 8406 HP ZP DS	152,4	19	47,6	23,6	19	13,2	44	48	38,1	5,1/3,8	5,6	84000	4,9
GH 21504 HP ZP DS	101,6	25,4	66,7	33,2	26,9	20,1	57	62	51	7,1/5,1	10,7	215000	12,7
GH 21505 HP ZP DS	127,0	25,4	66,7	33,2	26,9	20,1	57	62	51	7,1/5,1	10,7	215000	11,2
GH 21506 HP ZP DS	152,4	25,4	66,7	33,2	26,9	20,1	57	62	51	7,1/5,1	10,7	215000	10,9
GH 21506 HP ZP DSX	152,4	25,4	66,7	33,2	26,9	20,1	57	62	51	9,0/8,0	10,7	225000	12,1
GH 21508 HP ZP DS	203,2	25,4	66,7	33,2	26,9	20,1	57	62	51	7,1/5,1	10,7	215000	8,9



3 Transmissions

Solid pin and hollow pin conveyor chains with attachments (British standard)

Solid pin and hollow pin chain

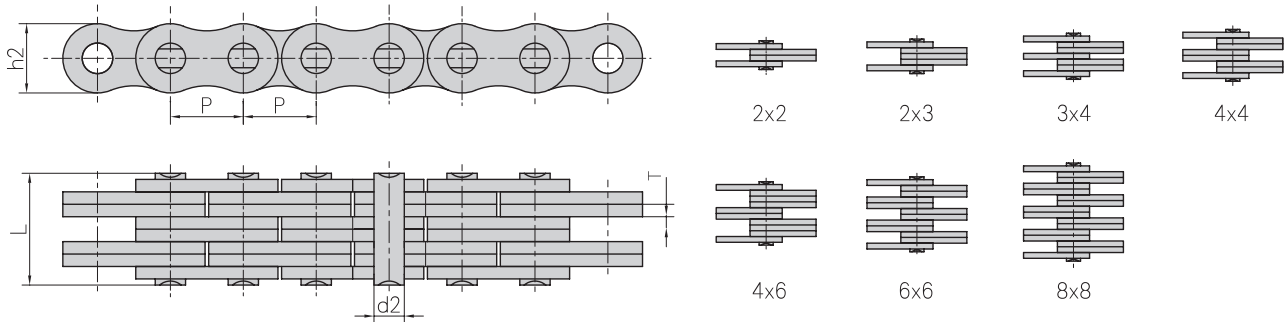


Chain ref.	Pitch	Width between inner plates	Roller diameter	Attachment dimensions								
	P	b1	d4	B	d2	d3	a1	W1	a2	h1	H	Lc
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
GH 6703 ZP DS	76,2	15	31,8	43	9,2	10,5	22,2	38,1	57	12,7	19	41
GH 6704 ZP DS	101,6	15	31,8	63,5	9,2	10,5	31,8	38,1	57	12,7	19	41
GH 6705 ZP DS	127,0	15	31,8	89	9,2	10,5	57,2	38,1	57	12,7	19	41
GH 6706 ZP DS	152,4	15	31,8	114	9,2	10,5	57,2	38,1	57	12,7	19	41
GH 13403 ZP DS	76,2	19	47,6	63,5	10,5	13,7	31,8	44,5	68	19,1	31,8	48
GH 13404 ZP DS	101,6	19	47,6	63,5	10,5	13,7	31,8	44,5	68	19,1	31,8	48
GH 13406 ZP DS	152,4	19	47,6	114	10,5	13,7	57,2	44,5	68	19,1	31,8	48
GH 26804 ZPDS	101,6	25,4	66,7	56	12,3	15,3	31,8	54	74	25,4	38,1	62
GH 26806 ZP DS	152,4	25,4	66,7	107	12,3	15,3	57,2	54	74	25,4	38,1	62



3 Transmissions

Leaf chains heavy series - DIN 8152 ANSI - American standard

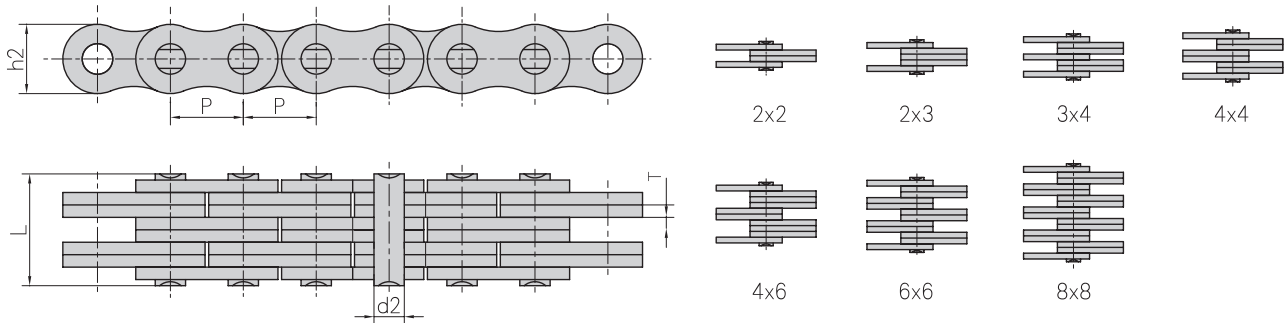


DIN ref.	ANSI ref.	Pitch	Plate Lacing	Plate height	Plate thickness	Pin diameter	Pin length	Ultimate tensile strength	Average tensile strength	Weight per meter
		P		h2 max	T max	d2 max	L max	F _B min	F _{BA}	q
		mm		mm	mm	mm	mm	kN/LB	kN	kg/m
LH0822	BL422	12,70	2 x 2	12,07	2,08	5,09	11,05	22,2/5045	27,6	0,64
LH0823	BL423		2 x 3				13,16	22,2/5045	27,6	0,80
LH0834	BL434		3 x 4				17,40	33,4/7591	41,4	1,12
LH0844	BL444		4 x 4				19,51	44,5/10114	56,0	1,28
LH0846	BL446		4 x 6				23,75	44,5/10114	56,0	1,60
LH0866	BL466		6 x 6				27,99	66,7/15159	81,7	1,92
LH0888	BL488		8 x 8				36,45	89,0/20227	109,4	2,56
LH1022	BL522	15,875	2 x 2	15,09	2,44	5,96	12,90	33,4/7591	43,1	0,88
LH1023	BL523		2 x 3				15,37	33,4/7591	43,1	1,10
LH1034	BL534		3 x 4				20,32	48,9/11114	65,6	1,50
LH1044	BL544		4 x 4				22,78	66,7/15159	84,5	1,80
LH1046	BL546		4 x 6				27,74	66,7/15159	84,5	2,20
LH1066	BL566		6 x 6				32,69	100,1/22750	125,1	2,65
LH1088	BL588		8 x 8				42,57	133,4/30318	169,5	3,50
LH1222	BL622	19,05	2 x 2	18,11	3,30	7,94	17,37	48,9/11114	63,6	1,45
LH1223	BL623		2 x 3				20,73	48,9/11114	63,6	1,80
LH1234	BL634		3 x 4				27,43	75,6/17181	102,8	2,50
LH1244	BL644		4 x 4				30,78	97,9/22250	120,9	2,90
LH1246	BL646		4 x 6				37,49	97,9/22250	120,9	3,60
LH1266	BL666		6 x 6				44,20	146,8/33364	190,8	4,30
LH1288	BL688		8 x 8				57,61	195,7/44477	238,8	5,80
LH1622	BL822	25,40	2 x 2	24,13	4,09	9,54	21,34	84,5/19204	108,2	2,20
LH1623	BL823		2 x 3				25,48	84,5/19204	108,2	2,70
LH1634	BL834		3 x 4				33,76	129,0/29318	170,0	3,80
LH1644	BL844		4 x 4				37,90	169,0/38409	214,6	4,30
LH1646	BL846		4 x 6				46,18	169,0/38409	214,6	5,40
LH1666	BL866		6 x 6				54,46	253,6/57636	324,5	6,50
LH1688	BL888		8 x 8				71,02	338,1/76841	432,7	8,60

3 Transmissions

Leaf chains heavy series - DIN 8152

ANSI - American standard

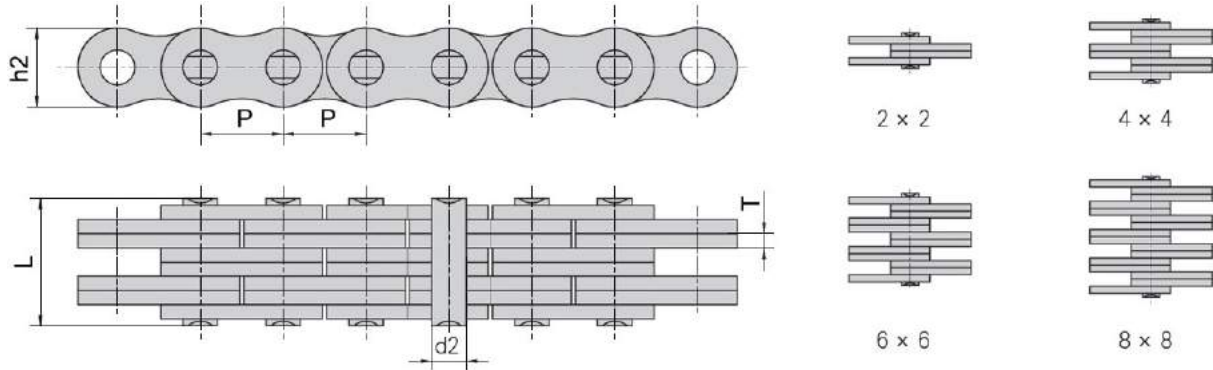


DIN ref.	ANSI ref.	Pitch	Plate Lacing	Plate height	Plate thickness	Pin diameter	Pin length	Ultimate tensile strength	Average tensile strength	Weight per meter
		P		h2 max	T max	d2 max	L max	F _B min	F _{BA}	q
		mm		mm	mm	mm	mm	kN/LB	kN	kg/m
LH2022	BL1022	31,75	2 x 2	30,18	4,9	11,11	25,37	115,6/26272	150,8	3,4
LH2023	BL1023		2 x 3				30,33	115,6/26272	150,8	4,3
LH2034	BL1034		3 x 4				40,23	182,4/41454	231,6	6,0
LH2044	BL1044		4 x 4				45,19	231,3/52568	291,4	6,9
LH2046	BL1046		4 x 6				55,09	231,3/52568	291,4	8,6
LH2066	BL1066		6 x 6				65,00	347,0/78863	430,3	10,3
LH2088	BL1088		8 x 8				84,81	462,6/105136	555,1	13,8
LH2422	BL1222	38,10	2 x 2	36,20	5,77	12,71	29,62	151,2/34363	192,0	4,6
LH2423	BL1223		2 x 3				35,43	151,2/34363	192,0	5,8
LH2434	BL1234		3 x 4				47,07	244,6/55591	315,9	8,1
LH2444	BL1244		4 x 4				52,88	302,5/68750	381,1	9,3
LH2446	BL1246		4 x 6				64,52	302,5/68750	381,1	11,6
LH2466	BL1266		6 x 6				76,15	453,7/103113	543,6	13,9
LH2488	BL1288		8 x 8				99,42	605,0/137500	726,0	18,6
LH2822	BL1422	44,45	2 x 2	42,24	6,55	14,29	33,55	191,3/43477	225,7	6,1
LH2823	BL1423		2 x 3				40,16	191,3/43477	225,7	7,6
LH2834	BL1434		3 x 4				53,37	315,8/71772	372,6	10,6
LH2844	BL1444		4 x 4				59,97	382,6/86954	451,2	12,2
LH2846	BL1446		4 x 6				73,18	382,6/86954	451,2	15,2
LH2866	BL1466		6 x 6				86,39	578,3/131431	682,4	18,2
LH2888	BL1488		8 x 8				112,80	765,1/173886	902,8	24,3
LH3222	BL1622	50,80	2 x 2	48,26	7,52	17,46	39,01	289,1/65704	341,1	8,0
LH3223	BL1623		2 x 3				46,58	289,1/65704	341,1	10,0
LH3234	BL1634		3 x 4				61,72	440,4/100091	519,6	14,0
LH3244	BL1644		4 x 4				69,29	573,8/131431	680,4	16,0
LH3246	BL1646		4 x 6				84,43	578,3/131431	680,4	20,0
LH3266	BL1666		6 x 6				99,57	857,4/194863	1000,7	24,0
LH3288	BL1688		8 x 8				129,84	1156,5/262841	1364,6	32,0
LH4022	BL2022	63,50	2 x 2	60,33	9,91	23,81	51,74	433,7/98568	511,7	15,8
LH4023	BL2023		2 x 3				61,70	433,7/98568	511,7	19,8
LH4034	BL2034		3 x 4				81,61	649,4/147590	766,2	27,7
LH4044	BL2044		4 x 4				91,57	867,4/197163	1023,5	31,6
LH4046	BL2046		4 x 6				111,48	867,4/197163	1023,5	39,5
LH4066	BL2066		6 x 6				131,39	1301,1/295704	1535,2	47,4
LH4088	BL2088		8 x 8				171,22	1734,8/394272	2046,5	63,2

3 Transmissions

Leaf chains light series - DIN 8152

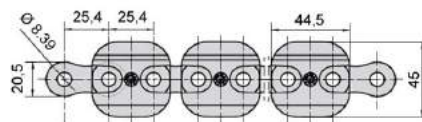
European standard



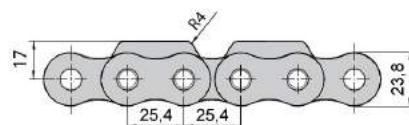
DIN ref.	Pitch	Plate Lacing	Plate height	Plate thickness	Pin diameter	Pin length	Ultimate tensile strength	Average tensile strength	Weight per meter
	P		h2 max	T max	d2 max	L max	F _B min	F _{BA}	q
	mm		mm	mm	mm	mm	kN/LB	kN	kg/m
LL0822	12,70	2 x 2	10,6	1,60	4,45	8,9	18,2/4094	20,4	0,42
LL0844		4 x 4				15,6	36,4/8188	40,7	0,84
LL0866		6 x 6				22,0	54,6/12283	60,0	1,24
LL0888		8 x 8				28,5	72,8/16378	80,0	1,64
LL1022	15,875	2 x 2	13,7	1,60	5,08	9,2	22,7/5107	25,5	0,54
LL1044		4 x 4				15,8	45,4/10213	51,0	1,06
LL1066		6 x 6				22,1	68,1/15321	76,3	1,57
LL1088		8 x 8				28,8	90,8/20427	101,9	2,10
LL1222	19,05	2 x 2	16,0	1,85	5,72	10,4	29,5/6637	33,2	0,73
LL1244		4 x 4				17,9	59,0/13273	66,4	1,44
LL1266		6 x 6				25,4	88,5/19910	99,7	2,15
LL1288		8 x 8				32,9	118,0/26547	132,9	2,84

Special leaf chains with tube guides

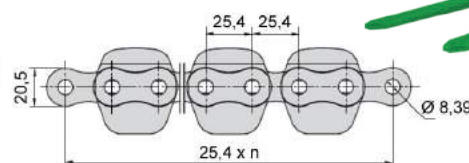
Type LL1644 KS103



Type BL866 KS104



Type LL1666 KS106

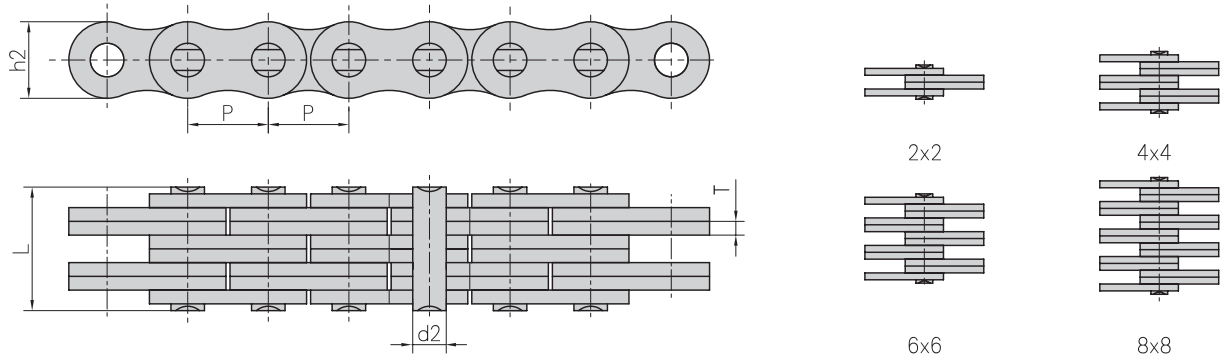


Other types also available of special leaf chains with tube guides.



3 Transmissions

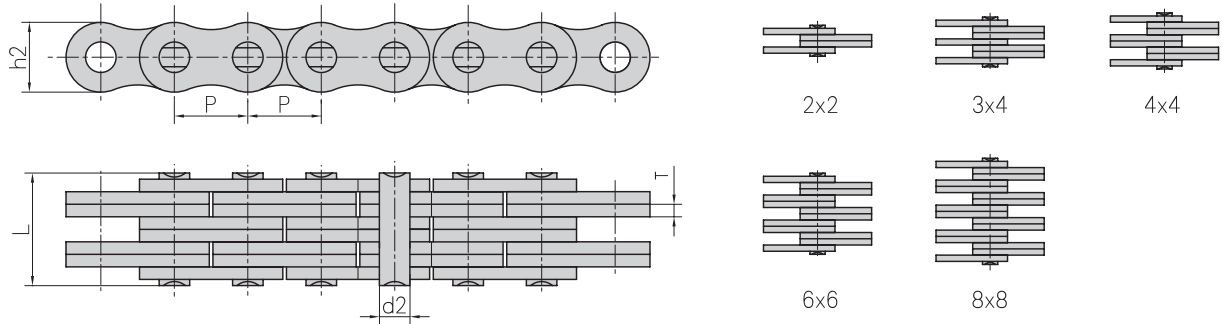
Leaf chains light series - DIN 8152 European standard



DIN ref.	Pitch	Plate Lacing	Plate height	Plate thickness	Pin diameter	Pin length	Ultimate tensile strength	Average tensile strength	Weight per meter
	P		h2 max	T max	d2 max	L max	F _B min	F _{BA}	q
	mm		mm	mm	mm	mm	kN/LB	kN	kg/m
LL1622	25,40	2 x 2	21,00	3,1	8,28	17,2	58,0/13181	69,5	1,78
LL1644		4 x 4				29,6	116,0/26363	140,0	2,90
LL1666		6 x 6				42,4	174,0/39545	208,8	4,30
LL1688		8 x 8				54,9	232,0/52726	278,0	5,71
LL2022	31,75	2 x 2	26,40	3,5	10,19	20,1	95,0/21591	109,2	2,33
LL2044		4 x 4				33,8	190,0/43182	218,5	4,40
LL2066		6 x 6				50,1	285,0/64773	324,6	6,79
LL2088		8 x 8				64,0	380,0/86363	435,1	8,90
LL2422	38,10	2 x 2	33,40	5,0	14,63	28,4	170,0/38363	195,5	4,47
LL2444		4 x 4				46,3	340,0/77273	380,8	8,22
LL2466		6 x 6				66,4	510,0/115909	571,2	12,22
LL2488		8 x 8				86,6	680,0/154545	775,2	16,30
LL2822	44,45	2 x 2	37,08	6,0	15,90	32,2	200,0/45455	224,0	5,10
LL2844		4 x 4				56,4	400,0/90909	448,0	9,90
LL2866		6 x 6				80,8	600,0/136363	672,0	14,60
LL2888		8 x 8				105,2	800,0/181818	896,0	19,40
LL3222	50,80	2 x 2	42,0	6,4	17,81	34,8	260,0/59091	291,2	6,20
LL3244		4 x 4				60,6	520,0/118182	582,4	12,30
LL3266		6 x 6				86,4	780,0/177272	873,6	18,30
LL3288		8 x 8				112,2	1040,0/233970	1176,0	24,00
LL4022	63,50	2 x 2	52,76	8,0	22,89	42,2	360,0/81818	403,2	10,30
LL4044		4 x 4				74,4	780,0/177273	873,6	20,00
LL4066		6 x 6				106,5	1080,0/245454	1209,6	30,00
LL4088		8 x 8				140,0	1440,0/323959	1747,2	39,10
LL4822	76,20	2 x 2	63,88	10,0	29,24	54,6	560,0/127272	627,2	18,50
LL4844		4 x 4				92,6	1120,0/254545	1554,4	35,70
LL4866		6 x 6				133,4	1680,0/377953	1880,0	53,00
LL4888		8 x 8				174,2	2240,0/509091	2508,8	70,40

3 Transmissions

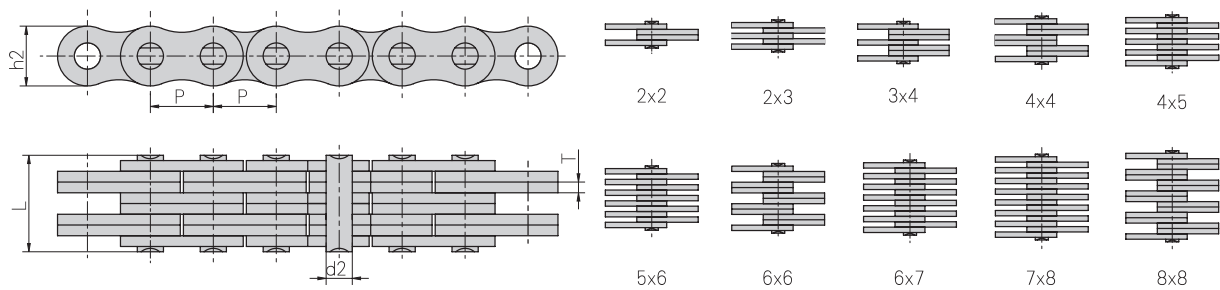
Leaf chains AL series



ANSI ref.	Pitch	Plate Lacing	Plate height	Plate thickness	Pin diameter	Pin length	Ultimate tensile strength	Average tensile strength	Weight per meter
	P		h2 max	T max	d2 max	L max	F _B min	F _{BA}	q
	mm		mm	mm	mm	mm	kN/LB	kN	kg/m
AL322	9,525	2 X 2	7,7	1,30	3,58	6,8	9,0/2045	10,2	0,23
AL344		4 X 4				11,6	18,0/4090	20,0	0,46
AL422	12,70	2 X 2	10,4	1,50	3,96	8,3	14,1/3205	16,9	0,39
AL444		4 X 4				14,4	28,2/6409	35,2	0,74
AL466		6 X 6				20,5	42,3/9614	52,7	1,13
AL522	15,875	2 X 2	12,8	2,03	5,08	11,1	22,0/5000	27,5	0,64
AL534		3 X 4				17,0	33,0/7500	46,0	1,10
AL544		4 X 4				19,4	44,0/10000	55,0	1,25
AL566		6 X 6				27,5	66,0/15000	82,5	1,79
AL622	19,05	2 X 2	15,6	2,42	5,94	13,0	37,0/8409	44,4	0,86
AL644		4 X 4				22,7	63,7/14450	78,8	1,76
AL666		6 X 6				32,2	100,1/22750	118,6	2,60
AL688		8 X 8				42,2	133,4/30317	156,6	3,49
AL822	25,40	2 X 2	20,5	3,25	7,92	16,0	56,7/12886	68,6	1,54
AL844		4 X 4				29,4	113,4/25773	135,6	3,00
AL866		6 X 6				44,2	170,0/38636	202,3	4,46
AL1022	31,75	2 X 2	25,6	4,00	9,53	19,6	88,5/20114	107,1	2,37
AL1044		4 X 4				36,4	177,0/40227	203,6	4,68
AL1066		6 X 6				52,3	265,0/60227	315,3	7,20
AL1088		8 X 8				68,5	354,0/80454	421,2	9,94
AL1222	38,10	2 X 2	30,5	4,80	11,10	24,3	127,0/28864	151,1	3,65
AL1244		4 X 4				43,8	254,0/57727	299,7	7,05
AL1266		6 X 6				63,2	381,0/86591	426,3	10,50
AL1288		8 X 8				82,6	508,0/11545	568,4	14,03
AL1444	44,45	4 X 4	36,4	5,60	12,64	51,3	372,7/84705	413,6	10,34
AL1466		6 X 6				74,6	559,0/127045	620,4	15,16
AL1644	50,80	4 X 4	41,6	6,40	14,21	58,0	471,0/107045	522,8	12,98
AL1666		6 X 6				83,8	706,0/160454	783,6	19,76
AL1688		8 X 8				109,5	942,0/214090	1045,5	25,47

3 Transmissions

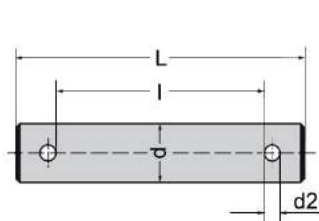
Leaf chains FL and FLC series



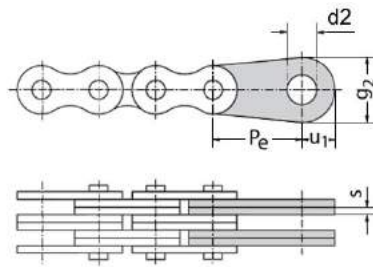
Chain no.	Pitch	Plate Lacing	Plate height	Plate thickness	Pin diameter	Pin length	Ultimate tensile strength	Average tensile strength	Weight per meter
	P		h2 max	T max	d2 max	L max	F _B min.	F _{BA}	q
	mm		mm	mm	mm	mm	kN/LB	kN	kg/m
FL644	5,94	4 X 4	4,7	0,60	1,85	6,6	6,5/1477	7,8	0,13
FL666	5,94	6 X 6	4,7	0,60	1,85	9,3	9,75/2216	11,8	0,20
FL688	5,94	8 X 8	4,7	0,60	1,85	12,0	13,0/2955	15,6	0,25
FL844	8,00	4 X 4	6,9	0,73	2,31	7,9	10,0/2273	12,1	0,25
FL944	9,525	4 X 4	8,7	1,04	3,28	10,4	21,0/4773	24,7	0,43
FL966	9,525	6 X 6	8,7	1,00	3,28	14,9	31,0/7045	36,8	0,65
F122	12,70	2 X 2	8,2	1,00	3,58	7,0	11,43/2598	13,6	0,19
F1223	12,70	2 X 3	10,2	2,03	4,45	12,8	20,0/4545	23,8	0,61
FL1244	12,70	4 X 4	10,2	1,70	4,45	16,7	44,0/10000	52,3	0,83
F19V- 44	19,05	4 X 4	15,2	2,42	6,5	22,4	71,0/16136	84,3	1,73
F19V- 66	19,05	6 X 6	15,2	2,42	6,5	32,3	106,0/24090	125,9	2,57
FLC534	15,875	3 X 4	12,7	1,85	5,08	15,3	40,4/9181	44,4	0,99
FLC545	15,875	4 X 5	12,7	1,85	5,08	19,2	54,3/12340	59,7	1,27
FLC556	15,875	5 X 6	12,7	1,85	5,08	22,7	67,6/15363	74,3	1,54
FLC1056	31,75	5 X 6	25,4	3,25	9,53	40,6	137,9/31340	151,0	5,44
FLC1067	31,75	6 X 7	25,4	3,25	9,53	47,2	165,4/37590	181,9	6,42
FLC1078	31,75	7 X 8	25,4	3,25	9,53	53,8	193,0/43863	212,0	7,40

3 Transmissions

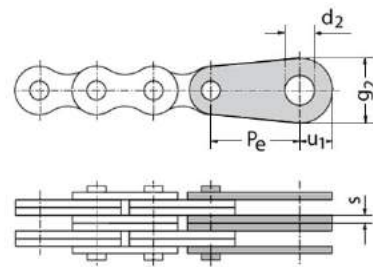
Connecting Pins for Fastening Leaf Chains and Endplates (Pear Drop) as Inner or Outer Link



All pins are fitted with 2 cotters and - from BL 1234 and F 38 upwards - with 2 additional washers.



Type IEG

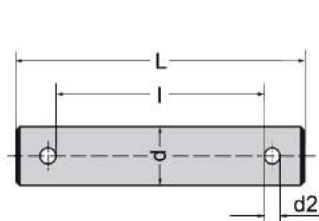


Type AEG

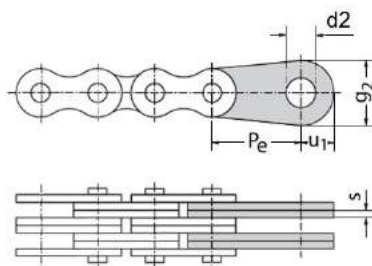
Ref.	ISO DIN	Pitch	Dimensions				Endplates (Pear Drop)					
		P	l	L	d	d2	Ref. IEG / AEG	Pe	d2A11	g2	s	u1
		mm	mm	mm	mm	mm		mm	mm	mm	mm	mm
F 12-22 CP	LL 0822		6,9	13,2			F 12-22					
F 12-44 CP	LL 0844	12,70	16,0	22,2	4,45	1,60	F 12-44	15	6	16,0	1,7	10,0
F 12-66 CP	LL 0866		23,0	29,2			F 12-66					
F 15-22 CP	LL 1022	15,875	7,0	13,5	5,08	1,60	F 15-22	20	8	18,0	1,5	11,0
F 15-44 CP	LL 1044		15,0	21,1			F 15-44					
F 15-66 CP	LL 1066		22,0	28,2			F 15-66					
F 15-88 CP	LL 1088		28,0	34,2			F 15-88					
F 19-22 CP	LL 1222	19,05	7,7	13,9	5,72	2,00	F 19-22	30	10	20,0	1,9	12,0
F 19-44 CP	LL 1244		17,6	25,5			F 19-44					
F 19-66 CP	LL 1266		24,7	32,7			F 19-66					
F 19-88 CP	LL 1288		32,2	40,2			F 19-88					
F 19-44V CP	LL 1244V		23,0	30,2	6,50	2,00	F 19-44V	25	10	19,8	2,35	11,2
F 19-66V CP	LL 1266V		33,0	40,3			F 19-66V					
F 25-22 CP	LL 1622	25,40	13,8	24,1	8,28	3,20	F 25-22	30	12	25,0	3,0	15,0
F 25-44 CP	LL 1644		28,0	38,7			F 25-44					
F 25-66 CP	LL 1666		41,0	51,7			F 25-66					
F 25-88 CP	LL 1688		54,0	64,7			F 25-88					
F 31-22 CP	LL 2022	31,75	15,3	26,1	10,19	3,20	F 31-22	50	18	40,0	3,5	25,0
F 31-44 CP	LL 2044		33,0	43,7			F 31-44					
F 31-66 CP	LL 2066		47,0	57,7			F 31-66					
F 31-88 CP	LL 2088		62,0	72,7			F 31-88					
F 38-22 CP	LL 2422	38,10	21,8	34,1	14,63	4,00	F 38-22	65	24	50,0	5,0	29,0
F 38-44 CP	LL 2444		48,2	60,6			F 38-44					
F 38-66 CP	LL 2466		69,2	81,6			F 38-66					
F 38-88 CP	LL 2488		90,2	102,3			F 38-88					
F 44-22 CP	LL 2822	44,45	29,7	42,1	15,90	4,00	F 44-22	80	28	60,0	6,0	32,0
F 44-44 CP	LL 2844		55,0	67,5			F 44-44					
F 44-66 CP	LL 2866		80,2	92,7			F 44-66					
F 44-88 CP	LL 2888		106,0	118,5			F 44-88					
F 50-22 CP	LL 3222	50,80	34,4	51,9	17,81	5,00	F 50-22	90	32	70,0	6,3	43,0
F 50-44 CP	LL 3244		59,9	77,5			F 50-44					
F 50-66 CP	LL 3266		86,4	104,0			F 50-66					
F 50-88 CP	LL 3288		113,9	131,5			F 50-88					
F 63-22 CP	LL 4022	63,50	39,9	60,8	22,89	6,30	F 63-22	100	38	80,0	8,0	46,5
F 63-44 CP	LL 4044		73,3	94,3			F 63-44					
F 63-66 CP	LL 4066		106,6	127,6			F 63-66					
F 63-88 CP	LL 4088		140,1	161,1			F 63-88					

3 Transmissions

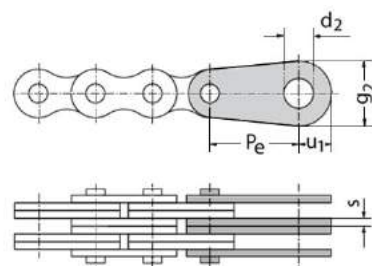
Connecting Pins for Fastening Leaf Chains and Endplates (Pear Drop) as Inner or Outer Link



All pins are fitted with 2 cotters and - from BL 1234 and F 38 upwards - with 2 additional washers.



Type IEG

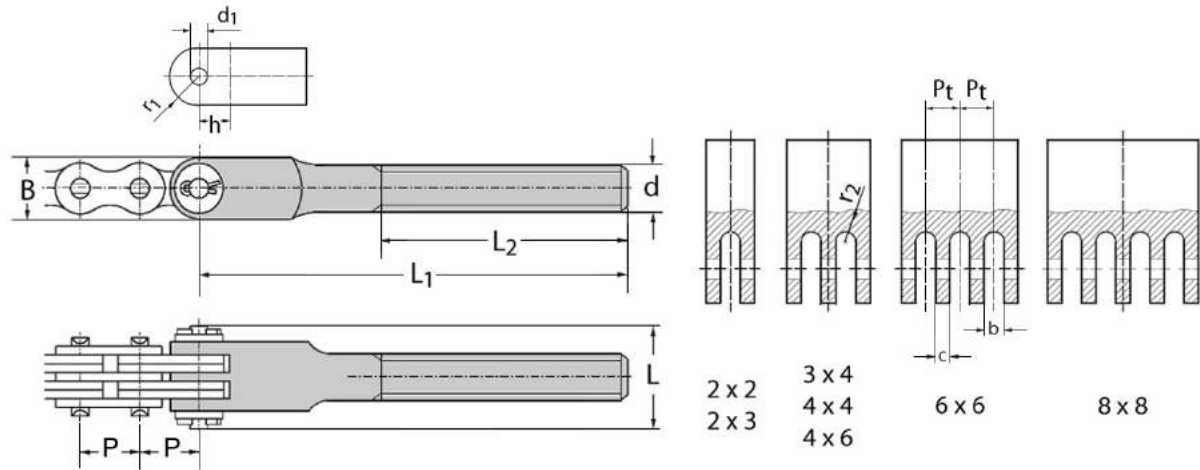


Type AEG

Ref.	Pitch	Dimensions				Endplates (Pear Drop)						
	P	l	L	d	d2	Ref. IEG / AEG	Pe	d2A11	g2	s	u1	
	mm	mm	mm	mm	mm		mm	mm	mm	mm	mm	
BL 422 CP / AL 522 CP	12,70	10,8	17,0	5,08	1,6							
BL 423 CP		12,7	18,9									
BL 434 CP		17,0	23,2									
BL 444 CP / AL 544 CP		19,0	25,2									
BL 446 CP		23,0	29,2									
BL 466 CP / AL 566 CP		27,0	33,3									
BL 488 CP / AL 588 CP		35,5	41,8									
BL 522 CP	15,875	12,8	19,4	5,94	2,0	AL 622	25	10	19,8	2,4	11,2	
BL 523 CP		15,0	21,6			AL 644						
BL 534 CP		20,0	26,6									
BL 544 CP / AL 644 CP		22,5	29,1									
BL 546 CP		27,0	33,7									
BL 566 CP / AL 666 CP		32,0	38,7			AL 666						
BL 588 CP / AL 688 CP		42,4	49,3			AL 688						
BL 623	20,0	30,7										
BL 634	27,0	37,7										
BL 644 / AL 844	30,0	40,7										
BL 646	37,0	47,7										
BL 666 / AL 866	43,0	53,7										
BL 688 / AL 888	56,5	67,2										
BL 822	25,40	21,7	32,4	9,53	3,2	AL 1022	40	14	30,0	4,0	18,0	
BL 823		25,0	35,7			AL 1044						
BL 834		33,0	43,7									
BL 844 / AL 1044		37,0	47,7									
BL 846		46,0	56,7									
BL 866 / AL 1066		53,0	63,7			AL 1066						
BL 888 / AL 1088		69,5	80,3			AL 1088						
BL 1023	31,75	30,0	42,4	11,10	4,0							
BL 1034		39,2	51,6									
BL 1044 / AL 1244		44,2	56,6									
BL 1046		54,2	66,6									
BL 1066 / AL 1266		63,2	75,6									
BL 1088 / AL 1288		79,9	92,4									
BL 1223	38,10	34,5	46,9	12,70	4,0							
BL 1234		46,2	58,6									
BL 1244 / AL 1444		50,0	64,4									
BL 1246		63,5	76,0									
BL 1266 / AL 1466		75,3	87,8									
BL 1288 / AL 1488		98,6	111,1									
BL 1423	44,45	38,7	51,1	14,27	4,0							
BL 1434		52,2	64,6									
BL 1444		58,6	71,1									
BL 1446		71,7	84,2									
BL 1466		85,1	97,7									
BL 1623	50,80	43,1	60,6	17,46	5,0							
BL 1634		58,0	75,5									
BL 1644		65,7	82,9									
BL 1646		79,9	97,4									
BL 1666		94,6	112,2									
BL 1688		124,0	141,6									

3 Transmissions

Fastening Blocks and Lacings for Leaf Chains



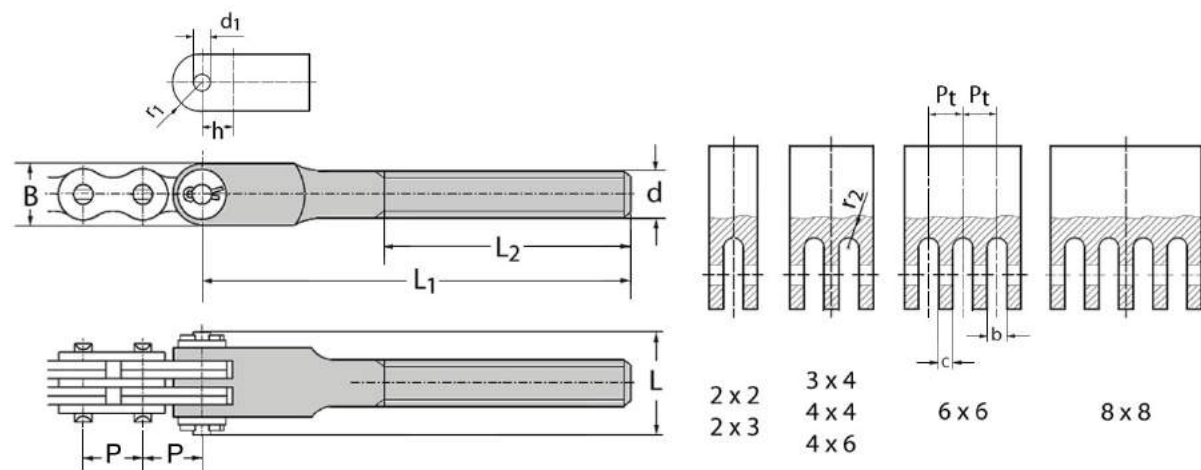
Fastening Block ref.	Fastening Block Dimensions													
	P	ISO DIN	Ref.	b	c	Pt	d1	h min.	r1	r2	B	L1	L2	d
	mm			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
F 12-22 FB-120	12,70	LL 0822	F 12-22	3,50	3,00	6,76	4,46	7,30	6,50	1,70	20	160	120	M14x1,0
F 12-44 FB-120		LL 0844	F 12-44								20	160	120	M14x1,0
F 12-66 FB-140		LL 0866	F 12-66								20	172	140	M14x1,0
F 15-22 FB-140	15,875	LL 1022	F 15-22	3,50	3,00	6,76	5,10	8,50	8,00	1,70	20	172	140	M14x1,0
F 15-44 FB-140		LL 1044	F 15-44								20	172	140	M16X1,5
F 15-66 FB-140		LL 1066	F 15-66								20	172	140	M16X1,5
F 15-88 FB-140		LL 1088	F 15-88								20	172	140	M16X1,5
F 19-22 FB-120	19,05	LL 1222	F 19-22	4,10	3,60	7,76	5,73	10,00	9,50	1,70	25	160	120	M16X1,5
F 19-44 FB-130		LL 1244	F 19-44								25	170	130	M16X1,5
F 19-66 FB-160		LL 1266	F 19-66								25	200	160	M16X1,5
F 19-88 FB-160		LL 1288	F 19-88								25	200	160	M16X1,5
F 19-44V FB-130		LL 1244V	F 19-44V	5,20	4,70	10,10	6,60	10,00	10,50	2,00	25	170	130	M16X1,5
F 19-66V FB-160		LL 1266V	F 19-66V								25	200	160	M16X1,5
F 25-22 FB-140	25,40	LL 1622	F 25-22	6,70	6,20	13,00	8,30	13,50	13,00	3,00	25	178	140	M20X1,5
F 25-44 FB-190		LL 1644	F 25-44								25	230	190	M20X1,5
F 25-66 FB-145		LL 1666	F 25-66								25	178	145	M20X1,5
F 25-88 FB-200		LL 1688	F 25-88								25	240	200	M20X1,5
F 31-22 FB-140	31,75	LL 2022	F 31-22	7,50	7,00	15,00	10,20	17,00	16,50	3,50	30	190	140	M24X2,0
F 31-44 FB-140		LL 2044	F 31-44								30	190	140	M24X2,0
F 31-66 FB-165		LL 2066	F 31-66								30	230	165	M30X2,0
F 31-88 FB-200		LL 2088	F 31-88								30	250	200	M30X2,0
F 38-22 FB-160	38,10	LL 2422	F 38-22	11,00	10,00	21,00	14,70	22,00	20,00	5,00	40	230	160	M30X2,0
F 38-44 FB-160		LL 2444	F 38-44								40	230	160	M30X2,0
F 38-66 FB-180		LL 2466	F 38-66								40	250	180	M36X2,0
F 38-88 FB-200		LL 2488	F 38-88								40	280	200	M36X2,0
F 44-22 FB-90	44,45	LL 2822	F 44-22	13,00	12,00	26,00	16,00	25,00	24,00	6,00	45	200	90	M36X2,0
F 44-44 FB-90		LL 2844	F 44-44								45	200	90	M36X2,0
F 44-66 FB-160		LL 2866	F 44-66								45	250	160	M36X2,0
F 44-88 FB-160		LL 2888	F 44-88								45	250	160	M36X2,0
F 50-22 FB-180	50,80	LL 3222	F 50-22	13,60	12,60	26,00	17,90	28,00	27,00	6,00	50	255	180	M36X2,0
F 50-44 FB-180		LL 3244	F 50-44								50	255	180	M36X2,0
F 50-66 FB-200		LL 3266	F 50-66								50	375	200	M36X2,0
F 50-88 FB-200		LL 3288	F 50-88								50	375	200	M36X2,0

Fastening Blocks with other dimensions can also be produced on request.

Material 42CrMo4 (Black Phosphated against corrosion please add "BP")

3 Transmissions

Fastening Blocks and Lacings for Leaf Chains LH (BL) - AL



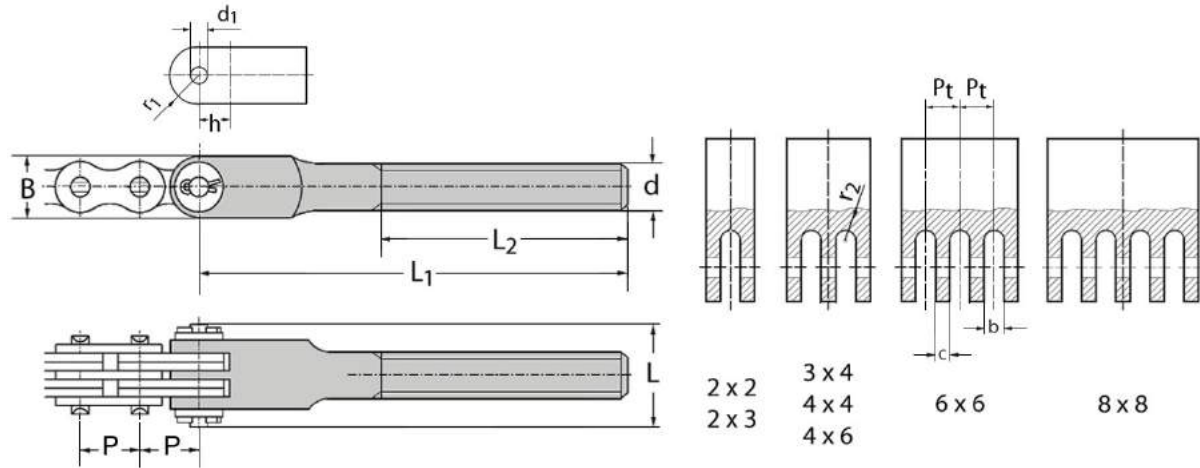
Fastening Block ref.	Fastening Block Dimensions													
	P	ISO DIN	Ref.	b	c	Pt	d1	h min.	r1	r2	B	L1	L2	d
	mm			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
BL 422 FB-75	12,70	LH 0822	AL 522	4,20			5,10	9,00	6,50	2,0	20	110	75	M12x1,0
BL 423 FB-75		LH 0823		6,40						3,0	20	110	75	M12x1,0
BL 434 FB-75		LH 0834		4,20	2,00	6,35				2,0	20	110	75	M12x1,0
BL 444 FB-75		LH 0844	AL 544	4,20	4,00	8,47				2,0	20	150	120	M14x1,0
BL 446 FB-120		LH 0846		6,40	4,00	10,59				3,0	20	150	120	M14x1,0
BL 466 FB-120		LH 0866	AL 566	4,20	4,00	8,47				2,0	20	150	120	M14x1,0
BL 488 FB-120		LH 0888	AL 588	4,20	4,00	8,47				2,0	20	150	120	M14x1,0
BL 522 FB-140	15,8	LH 1022	AL 622	5,00			6,00	11,00	8,00	2,0	20	172	140	M14x1,0
BL 523 FB-140		LH 1023		7,75						3,0	20	172	140	M14x1,0
BL 534 FB-140		LH 1034		5,00	2,40	7,55				2,0	20	172	140	M16x1,5
BL 544 FB-140		LH 1044	AL 644	5,00	4,80	10,07				2,0	20	172	140	M16x1,5
BL 546 FB-140		LH 1046		7,75	4,80	12,59				3,0	20	172	140	M16x1,5
BL 566 FB-140		LH 1066	AL 666	5,00	4,80	10,07				2,0	20	172	140	M16x1,5
BL 588 FB-140		LH 1088	AL 688	5,00	4,80	10,07				2,0	20	172	140	M16x1,5
BL 622 FB-140	19,05	LH 1222	AL 822	6,80			8,00	14,00	9,50	3,0	25	178	140	M20x1,5
BL 623 FB-140		LH 1223		10,30						4,0	25	178	140	M20x1,5
BL 634 FB-140		LH 1234		6,80	3,20	10,05				3,0	25	178	140	M20x1,5
BL 644 FB-140		LH 1244	AL 844	6,80	6,40	13,40				3,0	25	178	140	M20x1,5
BL 646 FB-140		LH 1246		10,30	6,40	16,75				4,0	25	178	140	M20x1,5
BL 666 FB-140		LH 1266	AL 866	6,80	6,40	13,40				3,0	25	178	140	M20x1,5
BL 688 FB-140		LH 1288	AL 888	6,80	6,40	13,40				3,0	25	178	140	M20x1,5
BL 822 FB-140	25,40	LH 1622	AL 1022	8,00			9,60	18,00	12,50	4,0	25	178	140	M20x1,5
BL 823 FB-140		LH 1623		12,70						5,5	25	178	140	M20x1,5
BL 834 FB-140		LH 1634		8,00	4,00	12,42				4,0	25	178	140	M20x1,5
BL 844 FB-140		LH 1644	AL 1044	8,00	8,00	16,56				4,0	25	178	140	M20x1,5
BL 846 FB-130		LH 1646		12,70	8,00	20,70				5,5	25	175	130	M20x1,5
BL 866 FB-140		LH 1666	AL 1066	8,00	8,00	16,56				4,0	25	178	140	M20x1,5
BL 888 FB-140		LH 1688	AL 1088	8,00	8,00	16,56				4,0	25	178	140	M20x1,5

Fastening Blocks with other dimensions can also be produced on request.

Material 42CrMo4 (Black Phosphated against corrosion please add "BP")

3 Transmissions

Fastening Blocks and Lacings for Leaf Chains



Fastening Block ref.	Fastening Block Dimensions													
	P	ISO DIN	Ref.	b	c	Pt	d1	h min.	r1	r2	B	L1	L2	d
	mm			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
BL 1022 FB-140	31,75	LH 2022	AL 1222	10,00			11,14	16,00	15,88	5,0	32	200	140	M24X2,0
BL 1023 FB-180		LH 2023		15,10						7,0	32	240	180	M24X2,0
BL 1034 FB-140		LH 2034		10,00	4,70	14,86				5,0	32	200	140	M24X2,0
BL 1044 FB-150		LH 2044	AL 1244	10,00	9,40	19,80				5,0	32	200	150	M24X2,0
BL 1046 FB-140		LH 2046		15,10	9,40	24,75				7,0	32	200	140	M24X2,0
BL 1066 FB-165		LH 2066	AL 1266	10,00	9,40	19,80				5,0	32	230	165	M30X2,0
BL 1088 FB-200		LH 2088	AL 1288	10,00	9,40	19,80				5,0	32	250	200	M30X2,0
BL 1222 FB-160	38,10	LH 2422	AL 1422	11,80			12,74	19,00	19,05	5,0	40	230	160	M30X2,0
BL 1223 FB-160		LH 2423		17,70						8,0	40	230	160	M30X2,0
BL 1234 FB-160		LH 2434		11,80	5,50	17,45				5,0	40	230	160	M30X2,0
BL 1244 FB-160		LH 2444	AL 1444	11,80	11,00	23,28				5,0	40	230	160	M30X2,0
BL 1246 FB-180		LH 2446		17,70	11,00	29,10				8,0	40	250	180	M30X2,0
BL 1266 FB-180		LH 2466	AL 1466	11,80	11,00	23,28				5,0	40	250	180	M30X2,0
BL 1288 FB-180		LH 2488	AL 1488	11,80	11,00	23,28				5,0	40	250	180	M30X2,0
BL 1422 FB-165	44,45	LH 2822		13,40			14,31	22,00	22,23	6,0	50	235	165	M36X2,0
BL 1423 FB-165		LH 2823		20,10						10,0	50	235	165	M36X2,0
BL 1434 FB-180		LH 2834		13,40	6,30	19,95				6,0	50	250	180	M36X2,0
BL 1444 FB-180		LH 2844	AL1644	13,40	12,60	26,60				10,0	50	250	180	M36X2,0
BL 1446 FB-180		LH 2846		20,10	12,60	33,25				6,0	50	250	180	M36X2,0
BL 1466 FB-210		LH 2866	AL 1666	13,40	12,60	26,60				10,0	50	280	210	M36X2,0
BL 1488 FB-210		LH 2888	AL 1688	13,40	12,60	26,60				10,0	50	280	210	M36X2,0
BL 1622 FB-200	50,80	LH 3222		15,00			17,49	26,00	25,40	7,0	55	270	200	M45x2,0
BL 1623 FB-200		LH 3223		22,50						10,0	55	270	200	M45x2,0
BL 1634 FB-200		LH 3234		15,00	7,10	22,71				7,0	55	270	200	M45x2,0
BL 1644 FB-230		LH 3244		15,00	14,20	30,28				7,0	55	300	230	M45x2,0
BL 1646 FB-230		LH 3246		22,50	14,20	37,85				10,0	55	300	230	M45x2,0
BL 1666 FB-230		LH 3266		15,00	14,20	30,28				7,00	55	300	230	M45x2,0
BL 1688 FB-230		LH 3288		15,00	14,20	30,28				7,00	55	300	230	M45x2,0

Fastening Blocks with other dimensions can also be produced on request.

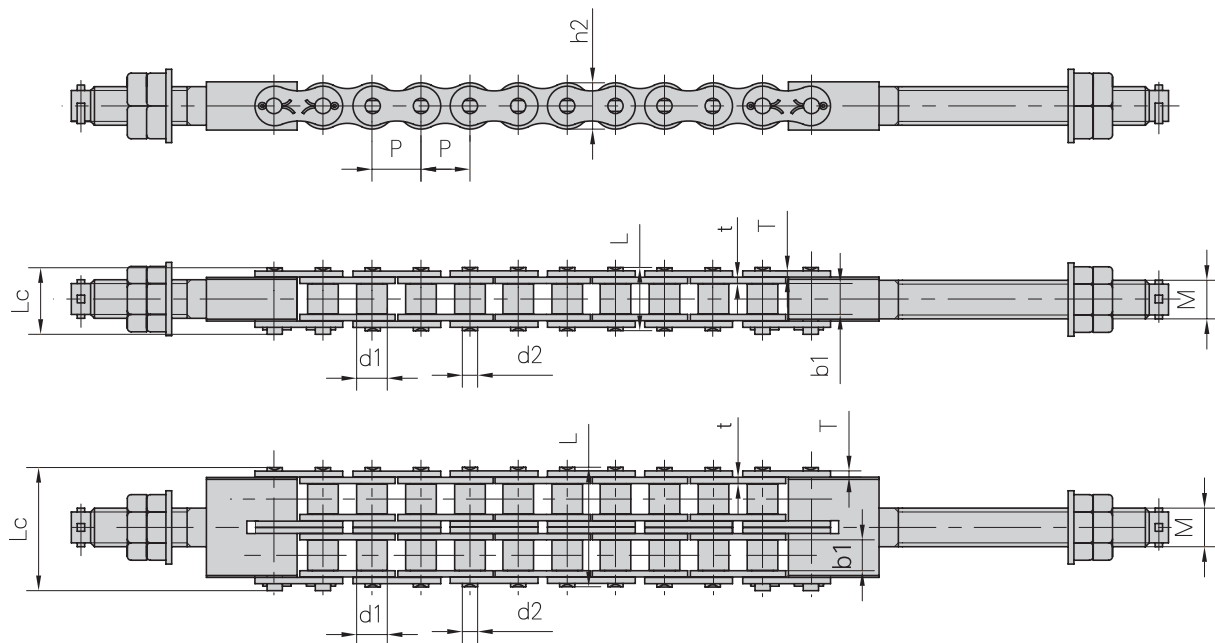
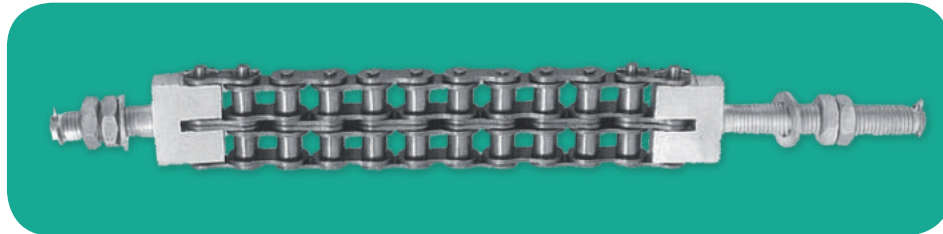
Material 42CrMo4 (Black Phosphated against corrosion please add "BP")

3 Transmissions

Tightener bolts and blocks for roller chains

DIN 8187 / DIN 8188

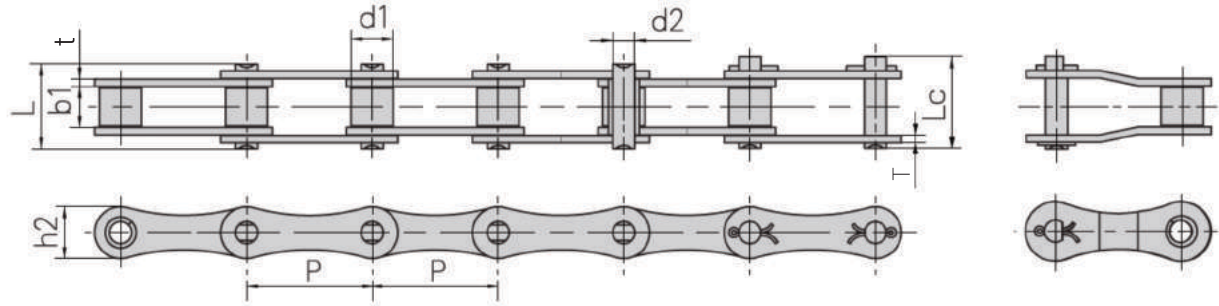
Simplex & Duplex



Chain no.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Bolt type	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	M	F _B min	F _{BA}	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
16ALT-1	25,40	15,88	15,75	7,92	32,7	36,5	24,0	3,25	M20	71,55/16261	81,8	2,60
16ALT-2	25,40	15,88	15,75	7,92	62,7	65,8	24,0	3,25	M20	143,10/32523	166,3	5,15
20ALT-1	31,75	19,05	18,90	9,53	40,4	44,7	30,0	4,00	M24	107,85/24511	118,6	3,91
20ALT-2	31,75	19,05	18,90	9,53	76,4	80,5	30,0	4,00	M24	215,70/49023	234,4	7,80
20ALT-3	31,75	19,05	18,90	9,53	112,2	116,3	30,0	4,00	M24	323,55/73534	351,6	11,77
24ALT-1	38,10	22,23	25,22	11,10	50,3	54,3	35,7	4,80	M30	149,20/330909	161,1	5,62
24ALT-2	38,10	22,23	25,22	11,10	95,8	99,7	35,7	4,80	M30	298,40/67818	322,2	11,70

3 Transmissions

Agriculture chains type S - DIN 8189



Chain ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	F _u min	F _{av} min	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
S32	29,21	11,43	15,88	4,45	26,7	28,80	13,20	1,8	8,0/1818	21,6	0,86
S32V	29,21	11,43	15,88	5,08	27,3	29,70	13,50	2,1	15,0/5680	27,0	0,96
S42	34,93	14,27	19,05	7,00	34,3	37,00	19,80	2,8	27,0/6136	50,8	1,60
S45	41,40	15,24	22,23	5,72	37,7	40,40	17,30	2,8	18,0/4091	36,1	1,66
S45H	41,40	15,24	22,23	7,14	39,5	42,20	17,30	3,0	36,7/8267	45,0	2,00
S51	38,10	15,24	16,00	5,72	30,9	33,80	17,30	2,8	28,0/6364	30,8	1,48
S52L	38,10	15,24	16,40	5,72	30,9	33,80	16,50	2,5	29,2/6636	32,2	1,36
S52F10	38,10	14,00	22,00	6,92	36,5	39,10	18,20	2,5	23,5/5283	28,2	1,60
S52	38,10	15,24	22,23	5,72	37,7	40,40	17,30	2,8	18,0/4091	36,1	1,68
S52LV	38,10	15,88	17,80	6,94	33,8	37,00	16,70	3,0	30,0/6818	32,5	1,58
S55	41,40	17,78	22,23	5,72	37,7	40,40	17,30	2,8	18,0/4091	36,1	1,80
S55F9	41,40	17,78	22,23	7,14	37,0	39,70	19,80	2,9	35,0/7873	36,1	2,70
S55H	41,40	17,78	22,23	8,28	39,6	42,20	20,40	3,0	45,0/10122	50,0	2,90
S55R	41,40	17,78	22,23	8,90	41,0	44,00	22,40	3,5	45,0/10227	73,1	2,49
S55RH	41,40	17,78	22,23	8,90	43,2	46,40	22,40	4,0	65,0/14772	84,5	2,74
S5V	41,40	17,90	22,23	8,22	39,3	42,40	20,00	3,0	42,0/9546	45,0	2,22
S55RH 25	41,40	25,00	22,23	8,90	43,2	46,40	22,40	4,0	65,0/14772	84,5	4,01
S62	41,91	19,05	26,20	5,72	40,3	43,00	17,30	2,5	26,7/6067	36,1	1,87
S62F10	41,91	19,05	25,40	5,72	39,4	42,20	17,30	2,5	26,7/6067	36,1	2,04
S62R	41,91	19,05	25,80	8,50	41,9	44,60	20,10	2,8	42,00/9546	45,0	2,43
S62F8	41,91	19,05	27,90	10,00	44,9	49,30	25,00	3,0	45,0/10227	60,0	2,96
S77	58,34	18,26	22,23	8,90	43,2	46,40	26,20	4,0	45,0/10227	73,1	2,66
S88	66,27	22,86	28,58	8,90	49,8	53,00	26,20	4,0	45,0/10227	73,1	3,25

Standard execution zinc plated.

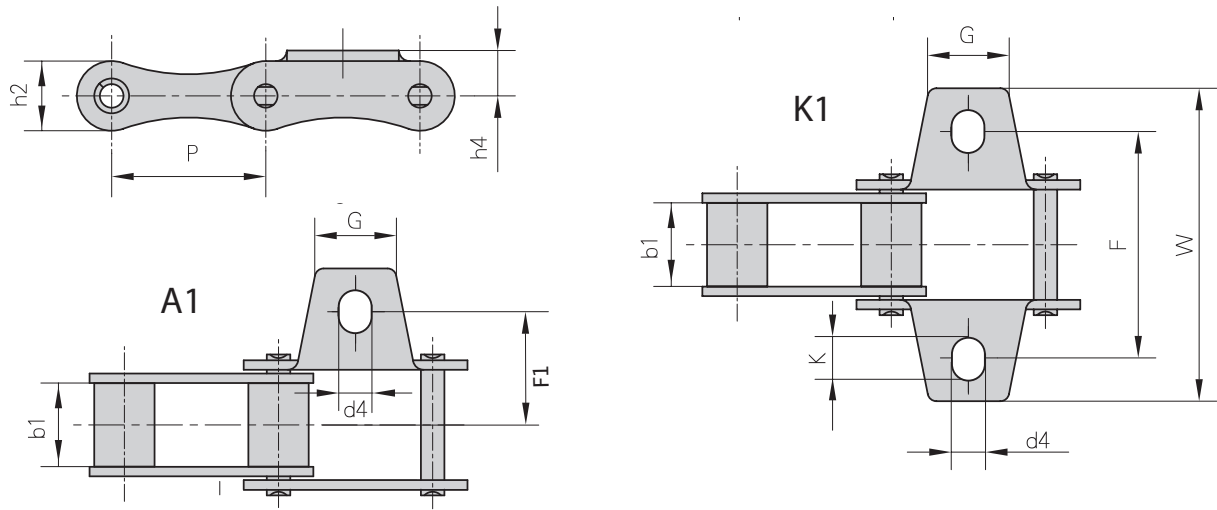


OL - Offset Link

RL - Roller Link

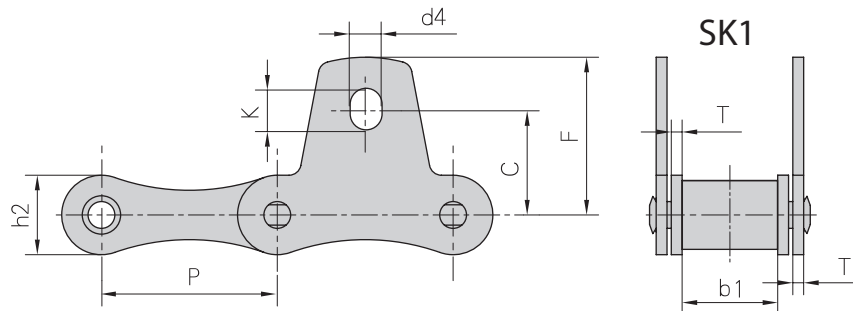
3 Transmissions

Agriculture chains type S - DIN 8189



Chain ref.	Dimensions									
	P	b1	G	F	F1	W	h4	d4	K	h2
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
S32 A1/K1	29,21	15,88	15,0	42,9	21,4	61,0	8,6	5,3	6,9	13,2
S42 A1/K1	34,93	19,05	17,5	54,0	27,0	74,9	14,0	8,3	11,5	19,8
S45 A1/K1	41,40	22,23	22,0	54,0	27,0	75,0	11,4	8,5	11,7	17,3
S52 A1/K1	38,10	22,23	19,0	58,8	29,4	78,0	11,4	8,3	10,0	17,3
S55 A1/K1	41,40	22,23	22,0	54,0	27,0	75,0	11,4	8,5	11,7	17,3
S62 A1/K1	41,91	26,2	22,0	66,8	33,4	95,4	11,4	8,3	14,7	17,3
S77 A1/K1	58,34	22,23	25,0	76,2	38,1	102,0	20,8	8,3	11,5	26,2
S88 A1/K1	66,27	28,58	22,0	97,0	48,5	119,4	20,8	8,3	9,9	26,2

Standard execution zinc plated.



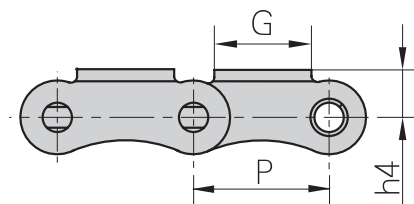
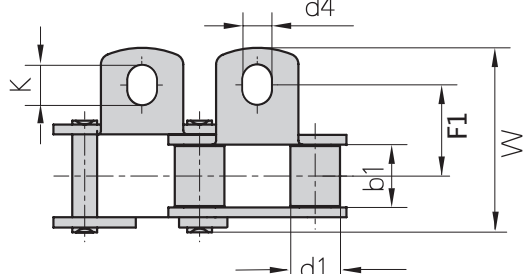
Chain ref.	Dimensions							
	P	b1	h2	T	C	F	d4	K
	mm	mm	mm	mm	mm	mm	mm	mm
S32 SA1/SK1	29,21	15,88	13,2	1,8	17,3	26,2	5,3	6,9
S42 SA1/SK1	34,93	19,05	19,8	2,8	23,6	34,3	8,3	11,5
S45 SA1/SK1	41,40	22,23	17,3	2,8	19,8	30,2	8,3	11,5
S52 SA1/SK1	38,10	22,23	17,3	2,8	22,1	31,8	8,3	9,9
S55 SA1/SK1	41,40	22,23	17,3	2,8	19,8	30,2	8,3	11,5
S62 SA1/SK1	41,91	26,20	17,3	2,5	24,6	38,6	8,3	14,7
S77 SA1/SK1	58,34	22,23	26,2	4,0	36,3	50,0	8,3	11,5
S88 SA1/SK1	66,27	28,58	26,2	4,0	43,7	55,6	8,3	9,9

Standard execution zinc plated.

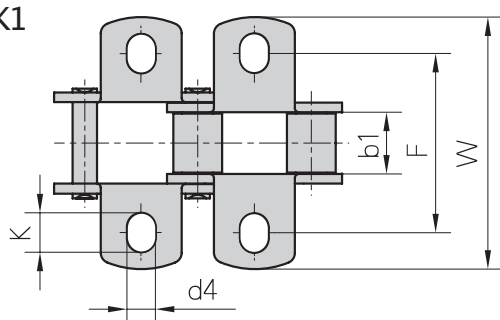
3 Transmissions

Agriculture chains type S - DIN 8189

A1

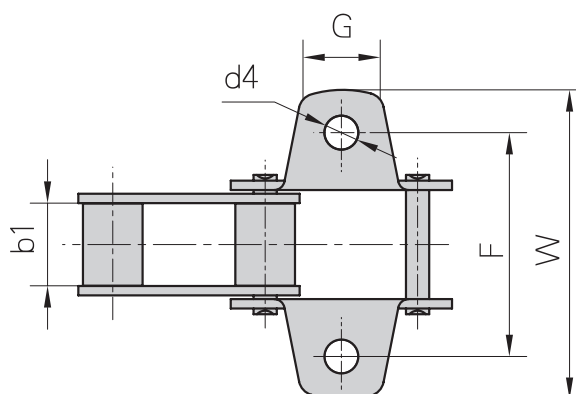
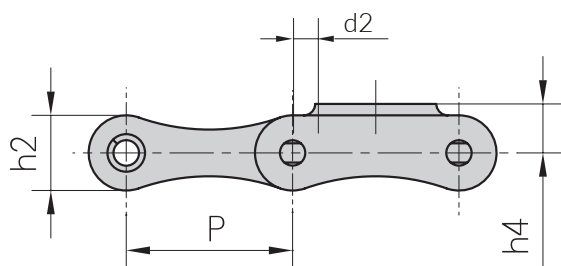


K1



Chain ref.	P	d1	b1	d2	G	F	W	W1	h4	d4	K
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
S55RH	41,40	17,78	22,23	8,90	25,0	31,8	90,4	67,4	15,5	8,6	12,0
S55RH 25	41,40	25,00	22,23	8,90	25,0	31,8	90,4	67,4	15,5	8,6	12,0

Standard execution zinc plated.

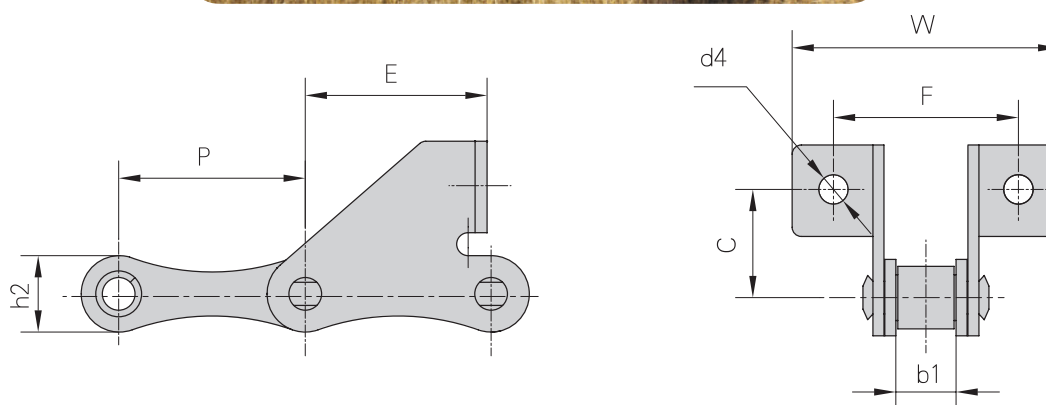


Chain ref.	P	d1	b1	d2	G	F	W	h4	d4	K
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
S55F5	41,40	17,78	22,23	5,72	22,0	56,0	75,0	11,4	10,0	17,3
S77K1 F1	58,34	25,00	22,23	8,90	26,0	76,2	103,8	20,8	10,5	26,2

Standard execution zinc plated.

3 Transmissions

Agriculture chains type S - DIN 8189 and CA

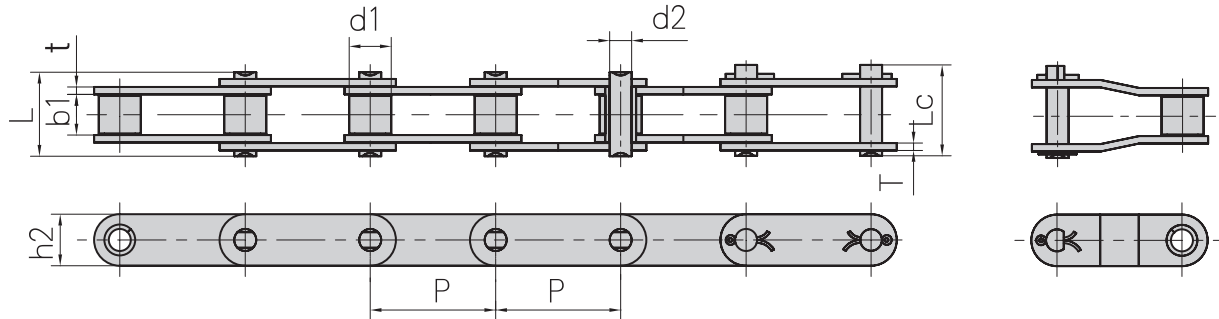


Chain no.	P	b1	C	E	F	W	d4	h2
	mm	mm	mm	mm	mm	mm	mm	mm
S32 SD	29,21	15,88	20,0	19,2	58,0	78,0	6,4	13,2
S45 W- F1	41,40	22,23	20,0	37,0	58,0	87,0	6,6	17,3
S45 W- F4	41,40	22,23	20,5	33,2	58,0	85,6	6,6	17,3
S45 F1	41,40	22,23	21,0	25,0	62,4	83,4	8,5	17,3
S52 SD	38,10	22,23	20,0	19,2	62,0	88,5	6,4	17,3
S52 F4	38,10	15,80	20,6	37,0	53,8	69,5	6,4	16,7
S52 F8	38,10	22,23	20,6	37,0	60,7	76,4	6,4	17,3
S52 F9	38,10	18,50	20,0	18,5	54,5	71,0	6,5	16,5
S52 LSD	38,10	16,40	20,0	17,5	54,5	71,0	6,5	16,5
S55 F2	41,40	22,23	20,0	37,0	58,0	87,0	6,4	17,3
S55 F3	41,40	22,23	20,5	33,2	58,0	85,6	6,6	17,3
S55 F4	41,40	22,23	20,0	37,0	58,0	87,0	6,6	17,3
S55 F6	41,40	22,23	20,0	30,0	58,0	87,0	6,4	17,3
S55 F7	41,40	22,23	20,5	33,2	62,0	85,6	6,6	17,3
S62 SD	41,91	26,20	20,0	32,6	61,4	92,0	6,4	17,3

Chain no.	P	b1	C	E	F	W	d4	h2
	mm	mm	mm	mm	mm	mm	mm	mm
CA550SD	41,40	19,81	31,0	36,9	47,6	68,2	8,7	19,3
CA550SDF4	41,40	19,81	31,0	36,9	47,6	89,0	8,7	19,0
CA550SDF10	41,40	19,81	31,0	37,7	47,6	68,2	8,5	19,0
CA550F5SDF1	41,40	20,24	31,0	36,9	47,6	68,2	8,7	19,1

3 Transmissions

Agriculture chains type CA and 38,4



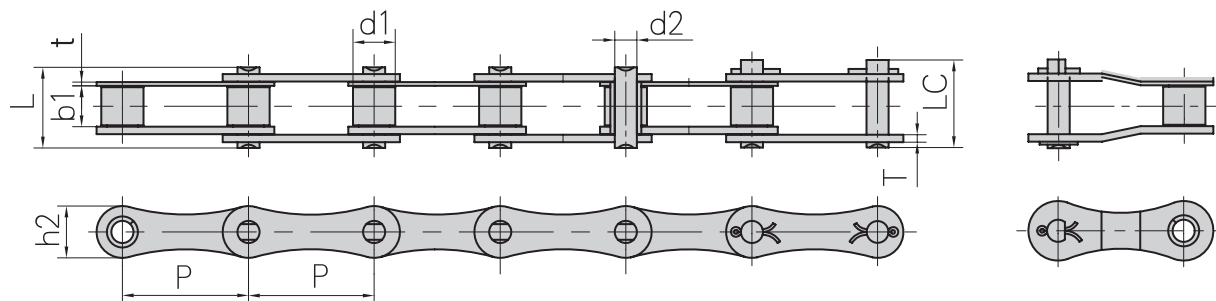
Chain ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	p	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	F _B min	F _{BA} min	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
CA2060H	38,10	11,91	12,70	5,94	29,2	31,6	18,00	3,25	31,10/6996	40,5	1,45
CA2063H	38,10	11,89	12,70	5,94	29,4	34,2	19,30	3,25	31,28/7109	40,5	1,65
CA550	41,40	16,87	19,81	7,19	35,0	38,0	19,30	2,80	39,10/8886	51,2	1,94
CA550F4	41,40	14,35	20,24	7,14	35,0	38,5	19,05	2,80	50,00/11363	52,0	1,76
CA550F5	41,40	16,66	20,24	7,14	35,0	38,5	19,05	2,80	45,00/10227	52,0	1,97
CA550H	41,00	16,74	20,00	7,14	36,0	39,1	19,10	3,00	57,82/13000	60,8	2,00
CA550V	41,40	16,80	19,05	8,28	36,1	39,1	22,00	3,00	55,00/12499	68,7	2,24
CA555	41,40	16,87	12,70	7,19	29,1	32,0	19,30	3,10	39,10/8886	56,0	1,72
CA557	41,40	17,78	20,24	8,00	37,4	40,6	23,10	3,10	55,61/12639	74,3	2,60
CA642	41,40	15,88	19,00	8,28	36,1	39,1	21,20	3,00	50,00/11363	55,0	1,98
CA960	41,40	17,78	22,61	8,90	40,1	43,0	23,10	3,00	66,00/15160	72,6	6,94
CA620	42,01	17,91	24,51	7,19	41,8	45,2	20,20	3,25	39,10/8886	55,1	2,35
CA620F4	42,01	19,05	27,90	10,19	44,9	46,5	25,00	3,00	45,00/10277	60,0	2,95
CA650	50,80	25,00	18,90	9,53	40,4	44,7	25,00	4,00	90,00/20454	95,5	3,49
CA650F2	50,80	20,00	18,90	9,53	40,4	44,7	25,00	4,00	90,00/20454	95,5	2,98
CA650F4	50,80	19,05	19,05	5,93	40,4	44,7	25,00	4,00	90,00/20454	95,5	2,95

38,4R	38,40	15,88	19,05	6,92	33,8	36,4	17,30	2,50	33,00/7480	41,2	1,70
38,4V	38,40	15,88	18,00	6,92	35,0	38,0	17,30	3,00	40,00/9091	50,0	1,83
38,4VB	38,40	15,88	19,05	8,28	36,1	39,4	20,50	3,00	50,00/11363	62,5	2,17
55VD	41,40	17,90	23,00	8,22	39,3	42,4	20,00	2,80	42,00/9546	45,0	2,34
S62F3	41,91	19,05	25,40	8,00	42,0	44,6	26,00	3,00	47,00/10796	58,7	3,12

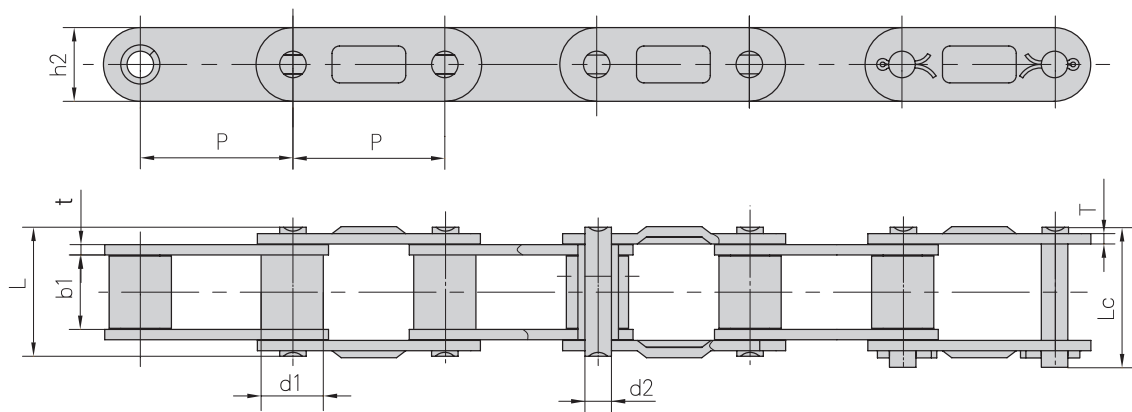
Standard execution zinc plated.

3 Transmissions

Agriculture chains type A and CA



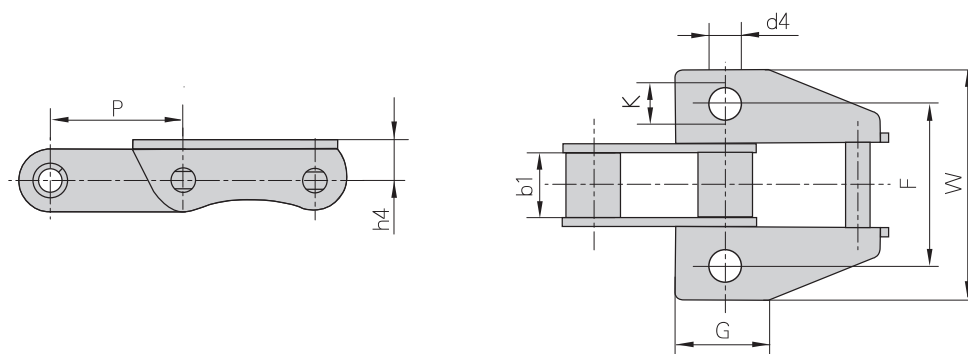
Chain ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	F_B min	F_{BA} min	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
A550	41,40	16,87	19,81	7,19	35,00	38,00	19,30	2,80	39,10/8886	51,2	1,79
A555	41,40	16,87	12,70	7,19	29,10	32,00	19,30	3,10	39,10/8886	56,0	1,60
A557	41,40	17,78	20,24	8,00	37,40	40,60	23,10	3,10	55,61/12639	74,3	2,45
A620	42,01	17,91	24,51	7,19	41,80	45,20	20,20	3,25	39,10/8886	55,1	2,18



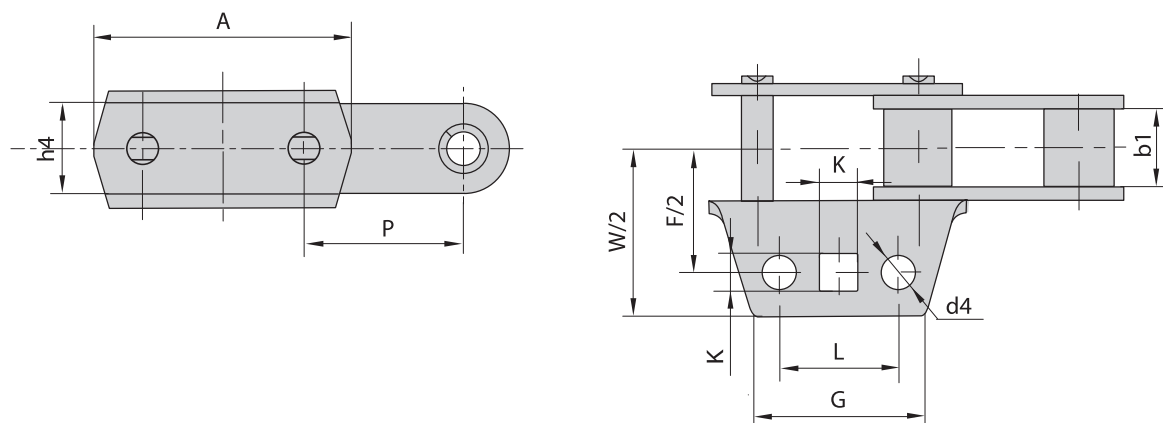
Chain ref.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	F_B min	F_{BA} min	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
CA627D	30,00	15,88	19,05	8,28	36,0	39,7	20,5	3,0	50,0/11241	55,0	2,55
CA550D	41,40	16,87	19,81	7,19	35,0	38,0	19,3	2,8	39,10/8886	51,2	1,94
CA555D	41,40	16,87	12,70	7,19	29,1	32,0	19,3	3,1	39,10/8886	56,0	1,72
CA557D	41,40	17,78	20,24	8,00	37,4	40,6	23,1	3,1	55,61/12639	74,3	2,60
CA620D	42,01	17,91	24,51	7,19	41,8	45,2	20,2	3,1	39,10/8886	55,1	2,35

3 Transmissions

Agriculture chains type CA and 38,4

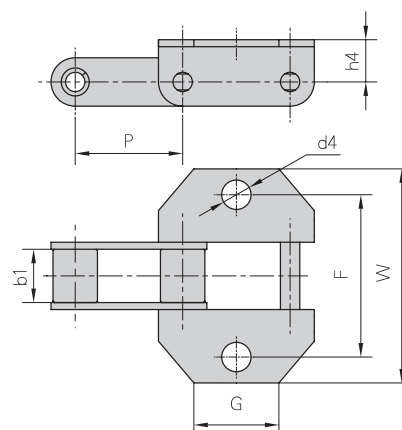


Chain no.	P	b1	G	F	W	h4	d4	K
	mm	mm	mm	mm	mm	mm	mm	mm
CA550-K339M	41,4	20,1	29,5	50,8	71,4	71,4	9,8	8
CA557-K39	41,4	20,4	22,7	57,2	77,8	77,8	10,5	10,5
CA557-K39N1	41,4	20,4	24,3	50,8	78,0	78,0	10,5	13,0
CA557-K39N2	41,4	20,4	24,3	57,4	78,0	78,0	10,5	13,0



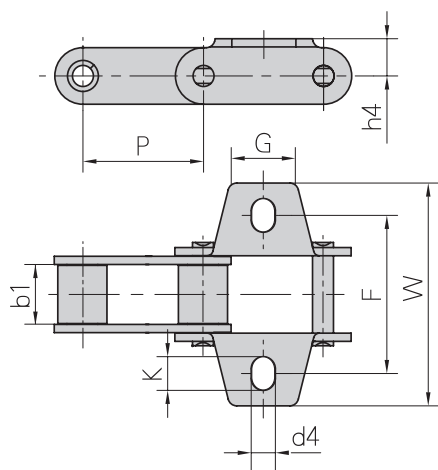
Chain no.	P	b1	A	L	G	F	W	h4	d4	K
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
CA557-U16	41,4	20,4	66,6	30,0	44,5	65,0	87,2	28,6	8,3	9,9

Chain no.	P	b1	G	F	W	h4	d4
	mm	mm	mm	mm	mm	mm	mm
38,4RK1	38,4	19,05	29,1	58,0	76,5	15,1	10,5
38,4VK1 F1	38,4	18,00	29,1	57,0	75,0	15,1	8,5
38,4V F7	38,4	19,05	39,0	58,4	82,4	14,5	10,5
38,4VBK1	38,4	19,05	29,0	58,0	87,0	14,0	10,5
38,4VBF3	38,4	19,05	40,0	57,0	86,0	16,0	10,3
CA550VK18	38,4	19,05	22,6	54,0	71,6	12,7	8,5



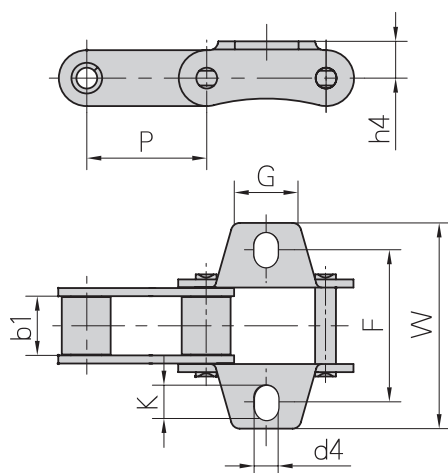
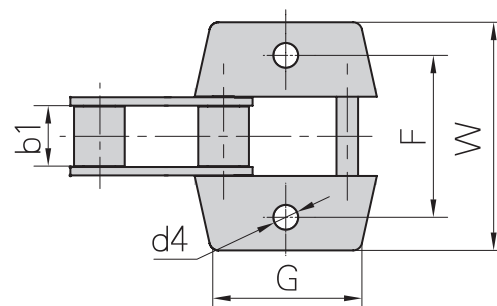
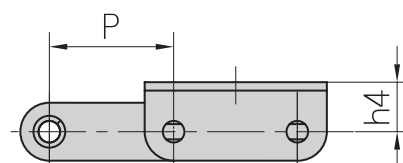
3 Transmissions

Agriculture chains type A and CA



Chain no.	P	b1	G	F	W	h4	d4	K
	mm	mm	mm	mm	mm	mm	mm	mm
CA550K1	41,4	19,81	22,00	52,5	76,2	12,7	8,3	10,0
CA550K1 F3	41,4	19,81	22,00	54,0	76,2	12,7	8,3	11,5
CA550F4K19F1	41,4	20,24	22,23	52,5	76,2	12,7	8,3	10,0

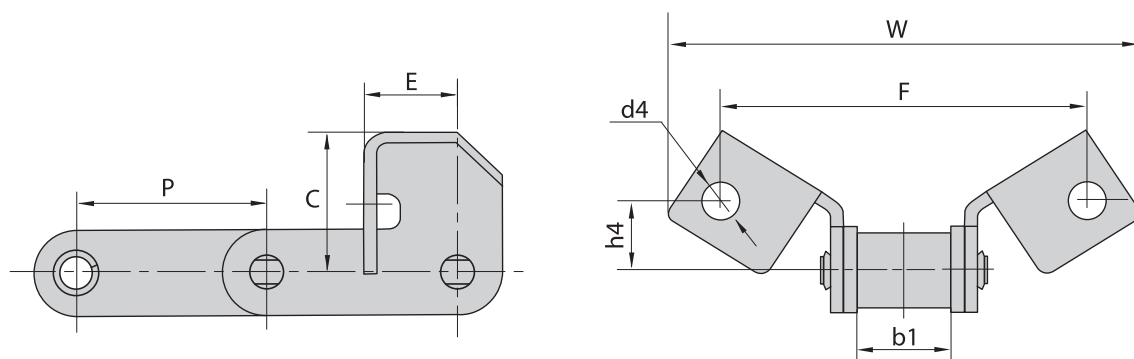
Chain no.	P	b1	G	F	W	h4	d4
	mm	mm	mm	mm	mm	mm	mm
CA550K1 F4	41,40	19,81	48,5	54,0	76,20	16,50	8,50
CA550VK1 F3	41,40	19,05	56,0	54,0	75,54	16,50	8,50
CA620A1 F1	42,01	24,51	63,5	67,7	91,70	16,05	10,5



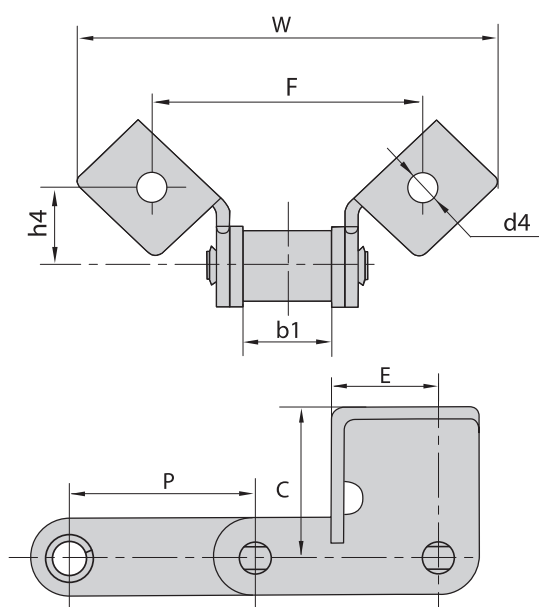
Chain no.	P	b1	G	F	W	h4	d4	K
	mm	mm	mm	mm	mm	mm	mm	mm
CA550K19	41,4	19,81	22,00	50,8	71,0	12,7	8,3	11,0
CA550K19F1	41,4	19,81	22,00	54,0	71,0	12,7	8,3	11,0
CA550K19F2	41,4	19,81	25,40	50,8	71,0	12,7	8,4	11,5

3 Transmissions

Agriculture chains type CA



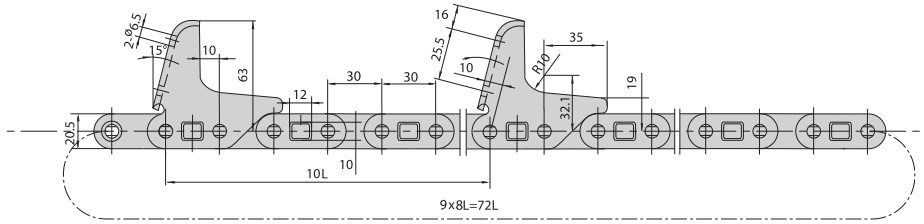
Chain no.	P	b1	E	C	F	W	h4	d4
	mm	mm	mm	mm	mm	mm	mm	mm
CA550F14	41,4	19,80	20,24	31,75	79,40	101,60	15,90	8,33
CA550F16	41,4	20,00	22,30	39,00	78,00	109,20	17,70	8,00
CA550VF14	41,4	19,05	20,24	31,75	79,40	101,60	15,90	8,33
CA550F5-F14	41,4	20,24	20,24	31,75	79,40	101,60	15,90	8,33
CA550F55F14SF	41,4	20,24	21,34	31,75	79,40	101,60	15,90	9,91
CA557F14	41,4	20,24	19,60	34,00	79,40	109,80	15,88	8,60
CA557SFD	41,4	20,24	24,30	50,10	79,40	109,80	28,60	8,30
CA557SFDF1	41,4	20,24	24,30	50,10	79,40	109,80	28,60	9,53



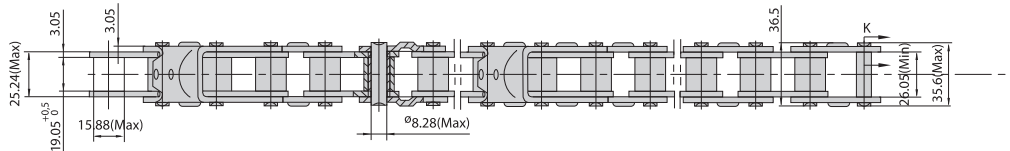
Chain no.	P	b1	E	C	F	W	h4	d4
	mm	mm	mm	mm	mm	mm	mm	mm
CA550F15	41,4	19,81	24,00	35,26	61,98	95,25	19,05	6,73
CA550F17	41,4	19,81	23,68	40,89	114,30	143,70	20,57	9,91
CA550F18	41,4	19,81	24,00	35,26	61,98	95,25	19,05	8,33
CA550F5-F17	41,4	20,24	23,68	40,89	114,30	143,70	20,57	9,91
CA550F5-G18	41,4	20,24	24,13	20,32	63,50	84,00	8,38	8,38
CA550VF13	41,4	19,05	25,40	59,60	79,35	135,45	28,60	8,74

3 Transmissions

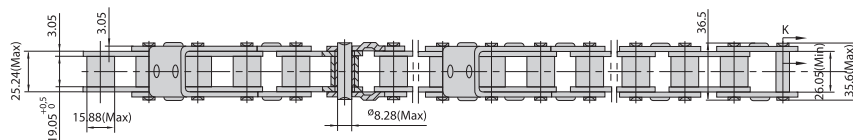
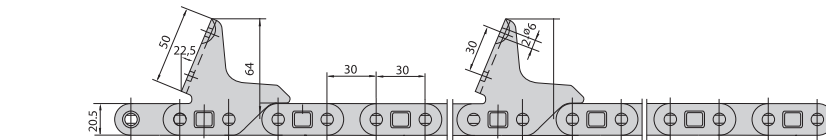
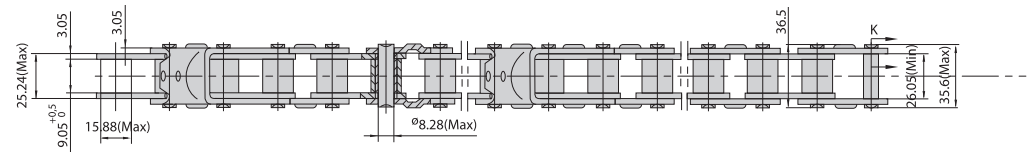
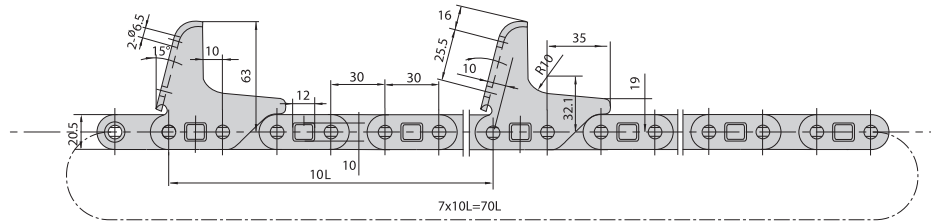
Agriculture chains type CA627 and CA550



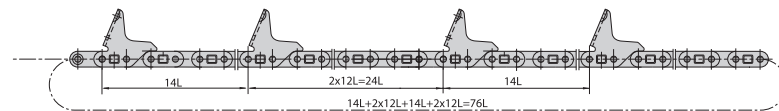
CA627x72-9A



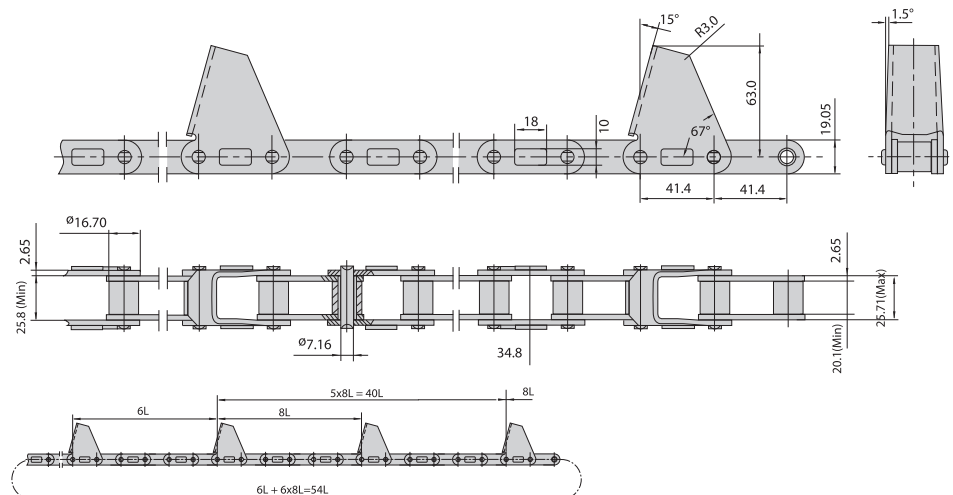
CA627x70-7A



CA627x76-6A

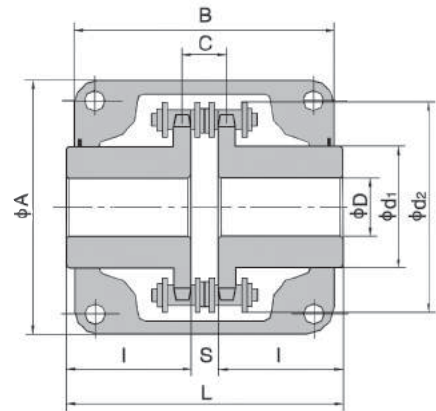
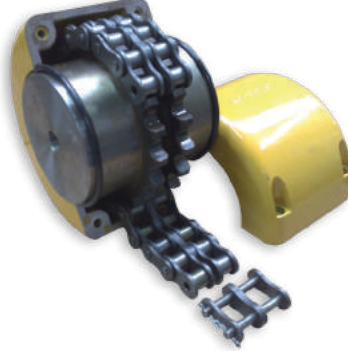


CA550x54-7A



3 Transmissions

Chain couplings type RC



Chain coupling no.	Chain no.	Bore Diameter		Dimension						Inertia	Approx Weight	Casing		
												Dimension		Approx
		Min	Max	L	I	S	d1	d2	C	x10³		A	B	Weight
		mm	mm	mm	mm	mm	mm	mm	mm	kgf·m²	kg	mm	mm	kg
RC 4012	40-2X12	12	22	79,4	36,0	7,4	35	61	14,4	1.020	0,8	77	72	0,3
RC 4014	40-2X14	12	28	79,4	36,0	7,4	43	69	14,4	1.924	1,1	84	75	0,4
RC 4016	40-2X16	14	32	87,4	40,0	7,4	50	77	14,4	3.285	1,4	92	75	0,4
RC 5014	50-2X14	16	35	99,7	45,0	9,7	53	86	18,1	6.010	2,2	101	85	0,5
RC 5016	50-2X16	16	40	99,7	45,0	9,7	60	96	18,1	9.720	2,7	111	85	0,6
RC 5018	50-2X18	20	45	99,7	45,0	9,7	70	106	18,1	15.420	3,8	122	85	0,8
RC 6018	60-2X18	20	56	123,5	56,0	11,5	85	128	22,8	40.210	6,2	142	106	1,2
RC 6020	60-2X20	20	60	123,5	56,0	11,5	98	140	22,8	62.870	7,8	158	105	1,6
RC 6022	60-2X22	20	71	123,5	56,0	11,5	110	152	22,8	93.450	10,4	168	117	1,8
RC 8018	80-2X18	20	80	141,2	63,0	15,2	110	170	29,3	142.030	12,7	190	129	2,5
RC 8020	80-2X20	20	90	145,2	65,0	15,2	120	186	29,3	204.900	16,0	210	137	2,9
RC 8022	80-2X22	20	100	157,2	71,0	15,2	140	202	29,3	341.170	20,2	226	137	3,6
RC 10020	100-2X20	25	110	178,8	80,0	18,8	160	233	35,8	646.290	33,0	281	153	4,6
RC 12018	120-2X18	35	125	202,7	90,0	22,7	170	256	45,4	1.075.710	47,0	307	181	6,2
RC 12022	120-2X22	35	140	222,7	100,0	22,7	210	304	45,4	2.454.500	72,0	357	181	8

Transmittable power (kW)

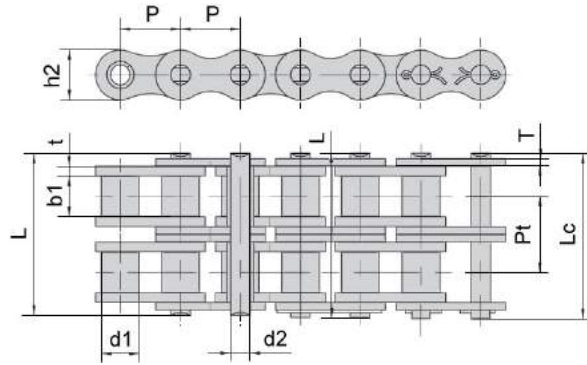
Coupling type	Max mm	Speed of rotation (min ⁻¹)																							
		1	5	10	25	50	100	200	300	400	500	600	800	1000	1200	1500	1800	2000	2500	3000	3600	4000	4800	5200	6000
RC4 012	22	0,02	0,11	0,22	0,58	1,15	1,73	2,63	3,46	4,15	4,96	5,67	7,01	8,59	9,68	11,4	13,7	14,8	17,9	20,7	24,1	28,3	30,8	14,8	18,7
RC4 016	30	0,04	0,21	0,41	1,03	2,08	3,09	4,69	8,17	7,41	8,85	10,1	12,5	15,3	17,30	21,0	24,4	26,3	31,9	37,0	43,0	46,9	54,9		
RC 5016	38	0,08	0,39	0,78	1,95	3,91	5,86	8,92	11,2	14,1	16,0	19,2	23,8	28,9	32,9	39,9	48,4	50,0	60,8	70,4	81,6				
RC 5018	45	0,10	0,50	0,99	2,48	4,95	7,43	11,3	14,9	17,8	21,3	24,4	30,1	36,8	41,6	50,5	58,8	63,4	76,9	89,2					
RC 6018	55	0,18	0,93	1,87	4,67	9,33	14,0	21,3	28,0	33,6	40,1	45,9	56,8	69,1	78,4	95,2	111	120	145						
RC 6022	75	0,25	1,25	2,51	6,31	12,5	18,8	28,6	37,7	45,3	54,1	61,9	76,5	93,1	105	128	149	161	195						
RC 8018	78	0,41	2,07	4,14	10,9	20,7	31,0	47,2	62,1	74,5	89,0	101	126	153	174	211	246	265							
RC 8022	95	0,59	2,96	5,93	14,8	29,6	44,5	67,2	89,0	108	127	146	180	219	249	307	352	379							
RC 10020	110	0,93	4,00	9,33	23,3	46,6	70,0	106	140	168	200	229	283	345	392	476	554								
RC 12018	120	1,40	7,02	14,0	35,1	70,2	105	160	210	252	307	345	426	519	590	716									
RC 12022	150	1,81	9,02	18,1	45,3	90,7	136	206	272	326	390	446	551	671	762										

Reduction of transmittable power by different operating factors: (reduction factors)

Drive characteristics at 8 h/day		Electric motor	Steam-/ gasoline motor	Gas or diesel motor
A	Constant load, one sense of rotation, low starting torque	1,0	1,5	2,0
B	Alternating load, one sense of rotation, low starting torque	1,5	2,0	2,5

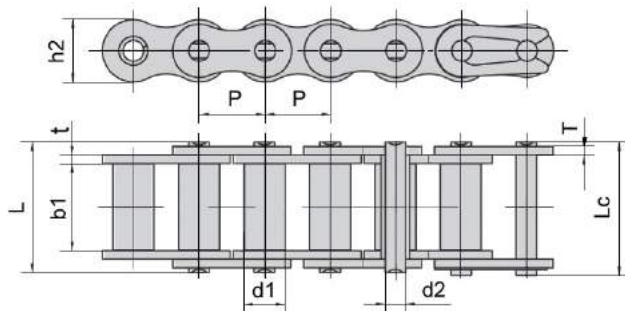
3 Transmissions

Coupling chains



Chain no.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d_1 max	b_1 min	d_2 max	L max	L_c max	h_2 max	T max		F_B min.	F_{BA}	q
	mm	mm	mm	mm	mm	mm	mm	mm		kN/LB	kN	kg/m
40-2X12	12,700	7,95	7,85	3,96	31,0	32,2	12,00	1,50	14,38	28,2/6409	35,9	0,16
40-2X14	12,700	7,95	7,85	3,96	31,0	32,2	12,00	1,50	14,38	28,2/6409	35,9	0,19
40-2X16	12,700	7,95	7,85	3,96	31,0	32,2	12,00	1,50	14,38	28,2/6409	35,9	0,21
50-2X14	15,875	10,16	9,40	5,08	38,9	40,4	15,09	2,03	18,11	44,4/10091	58,1	0,49
50-2X16	15,875	10,16	9,40	5,08	38,9	40,4	15,09	2,03	18,11	44,4/10091	58,1	0,56
50-2X18	15,875	10,16	9,40	5,08	38,9	40,4	15,09	2,03	18,11	44,4/10091	58,1	0,63
60-2X18	19,050	11,91	12,57	5,94	48,8	50,5	18,00	2,42	22,78	63,6/14455	82,1	1,00
60-2X20	19,050	11,91	12,57	5,94	48,8	50,5	18,00	2,42	22,78	63,6/14455	82,1	1,11
60-2X22	19,050	11,91	12,57	5,94	48,8	50,5	18,00	2,42	22,78	63,6/14455	82,1	1,22
80-2X18	25,400	15,88	15,75	7,92	62,7	64,3	24,00	3,25	29,29	113,4/25773	141,8	2,35
80-2X20	25,400	15,88	15,75	7,92	62,7	64,3	24,00	3,25	29,29	113,4/25773	141,8	2,62
80-2X22	25,400	15,88	15,75	7,92	62,7	64,3	24,00	3,25	29,29	113,4/25773	141,8	2,88
100-2X20	31,750	19,05	18,90	9,53	76,4	80,5	30,00	4,00	35,76	177,0/40227	219,4	4,05
100-2X22	31,750	19,05	18,90	9,53	76,4	80,5	30,00	4,00	35,76	177,0/40227	219,4	4,95
120-2X18	38,100	22,23	25,22	11,10	95,8	99,7	35,70	4,80	45,44	254,0/57727	314,9	8,14
120-2X22	38,100	22,23	25,22	11,10	95,8	99,7	35,70	4,80	45,44	254,0/57727	314,9	9,95

Special coupling chains

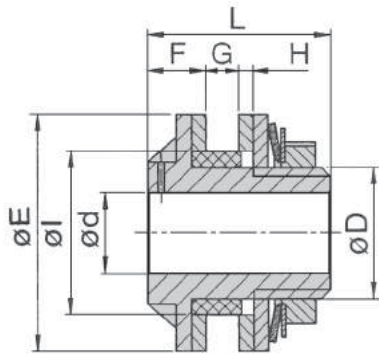


Chain no.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d_1 max	b_1 min	d_2 max	L max	L_c max	h_2 max	T max	F_B min.	F_{BA}	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
10AF13	15,875	10,16	16,31	5,08	27,6	29,1	15,09	2,03	22,20/5045	29,4	1,35
12AF2	19,050	11,91	19,10	5,94	32,6	34,4	18,00	2,42	31,80/7227	41,5	1,90
12AF6	19,050	11,91	18,80	5,94	31,9	33,5	18,00	2,42	31,80/7227	41,5	1,87
12AF26	19,050	11,91	19,36	5,94	31,9	33,5	18,00	2,42	31,80/7227	41,5	1,94
16AF25	25,400	15,88	25,58	7,92	42,4	43,9	24,00	3,25	56,70/12886	69,4	3,26

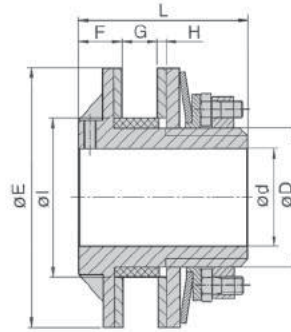
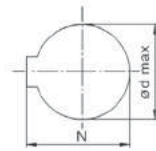
3 Transmissions

Torque limiter couplings

Series LC-1/LC-2



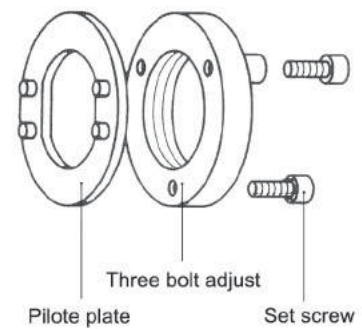
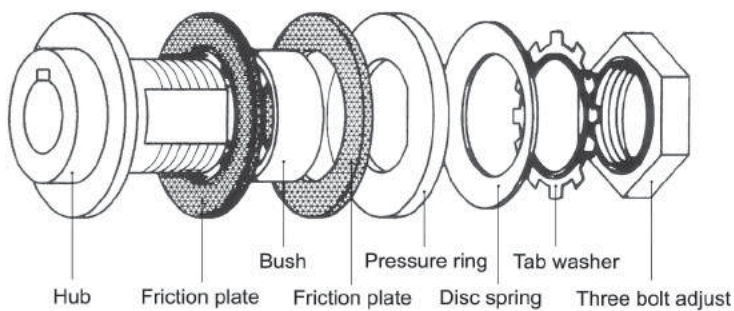
LC 40 - 45 - 65 - 85



LC 95 - 120 - 140 - 170



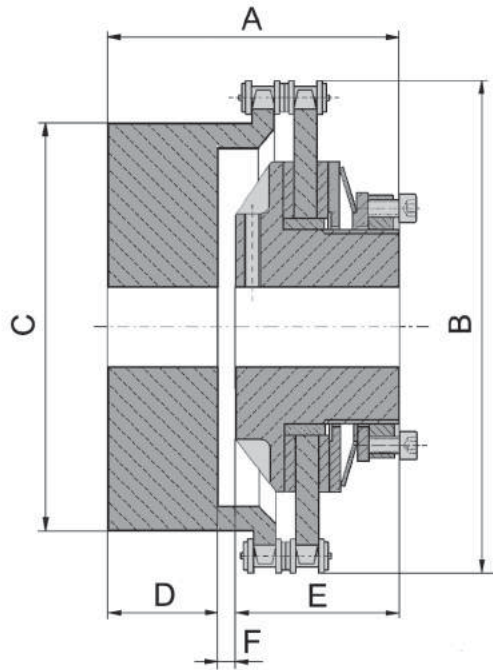
Type no.	Dimensions								Bore dia DIN 6885/1		Torque max	N° Springs	Sprocket dimensions	Approx Weight
	ØE	ØI h8	Ød	ØD	F	G max	H	L	Ø d max	N				
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Nm		Z / t	kg
LC 40-1	40,0	26,0	7,00	22,0	10,0	6,0	3,0	30,0	14,0	16,3	15	1	z=18-21 t=3/8"	0,20
LC 40-2	40,0	26,0	7,00	22,0	10,0	6,0	3,0	30,0	14,0	16,3	28	2	z=15 t=1/2"	0,20
LC 45-1	45,0	35,0	7,00	32,0	11,0	6,0	4,0	35,5	20,0	22,8	30	1	z=19-23 t=3/8"	0,35
LC 45-2	45,0	35,0	7,00	32,0	11,0	6,0	4,0	35,5	20,0	22,8	55	2	z=17 t=1/2"	0,35
LC 65-1	65,0	45,0	10,00	36,0	16,0	9,0	4,0	50,5	22,0	24,8	70	1	z=27 t=3/8"	0,50
LC 65-2	65,0	45,0	10,00	36,0	16,0	9,0	4,0	50,5	22,0	24,8	120	2	z=21 t=1/2"	0,50
LC 85-1	85,0	52,0	15,00	42,0	17,0	11,0	4,0	55,5	25,0	28,3	130	1	z=25 t=1/2"	1,00
LC 85-2	85,0	52,0	15,00	42,0	17,0	11,0	4,0	55,5	25,0	28,3	240	2	z=21 t=5/8"	1,00
LC 95-1	95,0	60,0	15,00	52,0	18,0	11,0	4,0	67,0	35,0	38,3	190	1	z=25 t=5/8"	1,30
LC 95-2	95,0	60,0	15,00	52,0	18,0	11,0	4,0	67,0	35,0	38,3	340	2	z=19 t=3/4"	1,30
LC 120-1	120,0	73,0	20,00	64,0	20,0	16,0	4,0	78,0	45,0	48,8	350	1	z=25 t=3/4"	2,80
LC 120-2	120,0	73,0	20,00	64,0	20,0	16,0	4,0	78,0	45,0	48,8	650	2	z=21 t=1"	2,80
LC 140-1	140,0	90,0	20,00	85,0	23,0	17,0	4,0	86,5	60,0	64,4	650	1	z=30 t=3/4"	5,20
LC 140-2	140,0	90,0	20,00	85,0	23,0	17,0	4,0	86,5	60,0	64,4	1200	2	z=21 t=1"	5,20
LC 170-1	170,0	100,0	28,00	90,0	27,5	18,5	4,5	95,0	65,0	69,4	1000	1	z=25 t=1"	6,60
LC 170-2	170,0	100,0	28,00	90,0	27,5	18,5	4,5	95,0	65,0	69,4	1800	2	z=22 t=1.1/4"	6,60



3 Transmissions

Torque limiter couplings

Series FT-1C / FT-2C



Type no	Max. error in alignment		Torque Nm		Max. bore diameter		Pilot bore	Sprocket dimensions	Dimensions (mm)						Weight (kg)
	Max. screw	Max. angular offset	Min.	Max.	Sliding hub	Sprocket hub	Sliding and sprocket hub		A	B	C	D	E	F	
FT 120-1C	0,15	0,50°	0,5	2,5	8	25	6	Z=19 t=3/8"	52,5	66,2	40,0	20,0	31,0	1,5	0,28
FT 120-2C	0,15	0,50°	1	5	8	25	6	Z=19 t=3/8"	52,5	66,2	40,0	20,0	31,0	1,5	0,28
FT 180-1C	0,20	0,50°	2	10	20	35	8	Z=22 t=3/8"	58,0	75,2	55,0	23,0	33,0	2,0	0,85
FT 180-2 C	0,20	0,50°	4	20	20	35	8	Z=22 t=3/8"	58,0	75,2	55,0	23,0	33,0	2,0	0,85
FT 250-1C	0,30	0,75°	7	28	22	49	10	Z=22 t=1/2"	76,9	100,8	75,5	22,3	48,0	6,6	1,80
FT 205-2C	0,30	0,75°	14	56	22	49	10	Z=22 t=1/2"	76,9	100,8	75,5	22,3	48,0	6,6	1,80
FT 350-1C	0,35	0,75°	20	75	25	58	18	Z=24 t=5/8"	103,9	136,1	104,5	34,0	62,0	7,9	4,90
FT 350-2C	0,35	0,75°	40	150	25	58	18	Z=24 t=5/8"	103,9	136,1	104,5	34,0	62,0	7,9	4,90
FT 500-1C	0,40	0,75°	50	210	41	72	22	Z=28 t=3/4"	121,0	185,9	144,3	39,0	76,0	6,0	11,80
FT 500-2 C	0,40	0,75°	100	420	41	72	22	Z=28 t=3/4"	121,0	185,9	144,3	39,0	76,0	6,0	11,80
FT 700-1C	0,50	0,75°	115	570	64	104	24	Z=28 t=1"	168,6	247,3	199,5	56,0	98,0	14,6	26,70
FT 700-2C	0,50	0,75°	230	1140	64	104	24	Z=28 t=1"	168,6	247,3	199,5	56,0	98,0	14,6	26,70

3 Transmissions

Chain tools

Chain breakers			
Type	Pitch	For roller chains	
	mm - inch	DIN	ANSI
CB 25-60	6,35 - 19,05 1/4" - 3/4"	06B-08B-10B 12B	25-35-40 50-60
CB 60-100	19,05 - 31,75 3/4" - 1.1/4"	12B-16B-20B	60-80-100
CB 100-160	31,75 - 50,80 1.1/4" - 2"	20B-24B-28B 32B	100-120-140 160

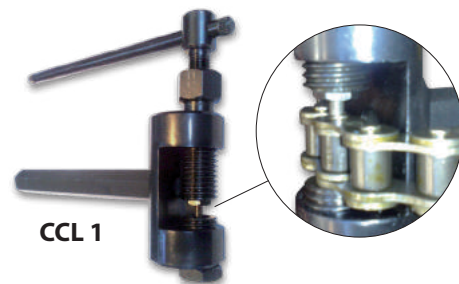


CB 25-60



CB-60-100

Chain cutters		
Type	For roller chains	
	DIN	ANSI
CCM	04-1 - 05B-1	25-1 - 35-1
CCS	06B-1 - 06B-2 08B-1	35-1 - 35-2 40-1
CCL 1	10B-1 - 12B-1 16B-1 - 20B-1	50-1 - 60-1 80-1 - 100-1
CCL 2	08B-2 - 10B-2 12B-2	40-1 - 50-2 60-2



CCL 1

Chain tensioners			
Type	Pitch	For roller chains	
	mm - inch	DIN	ANSI
CT 25-60	6,35 - 19,05 1/4" - 3/4"	06B-08B-10B 12B	25-35-40 50-60
CT 60-100	19,05 - 31,75 3/4" - 1.1/4"	12B-16B-20B	60-80-100
CT 100-160	31,75 - 50,80 1.1/4" - 2"	20B-24B-28B 32B	100-120-140 160



CT 25-60

Tool for removing and placing spring clips		
Type	For roller chains	
	DIN	ANSI
TRP	06B - 16B	35 - 80



TRP

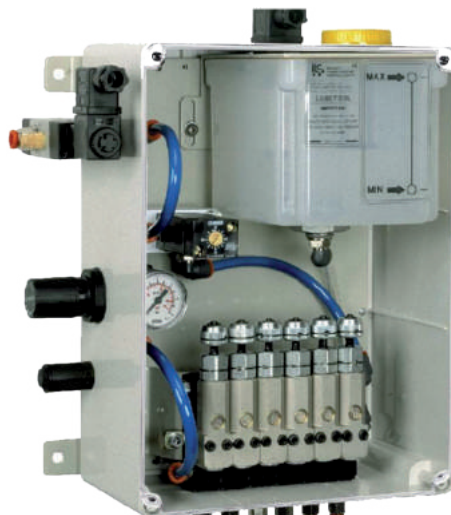
3 Transmissions

Lubrication system for roller- and conveyor chains

Conveyors Lubrication Mono and Bi Rail Systems

This system is designed to lubricate the rollers of conveyors while they are in operation and delivers a metered amount of lubricant into moving bearing fittings. These custom engineered lubrication systems are perfect for applications even in harsh operating conditions. Each conveyor requires one unit for the left side and for the right. The sequence of the lubrication events (each roller or every other roller, etc.) depends on the number of rollers.

The speed of the conveyor or on the distance between the rollers.

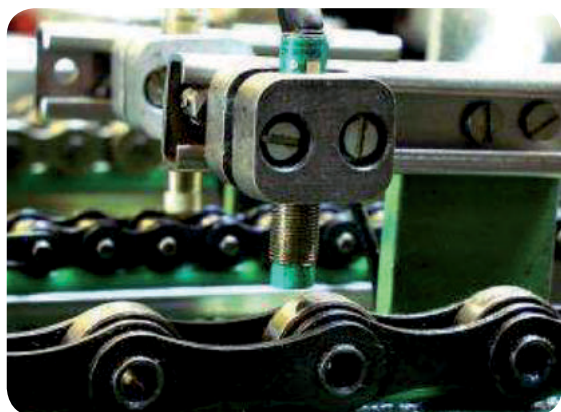


Benefits

- Metered application of lubricant.
- Works on moving parts which consuming time to lubricate manually.
- Lubricates while the conveyor is in normal operation – no lost production time.
- Lubrication even under harsh operation condition.

Functioning

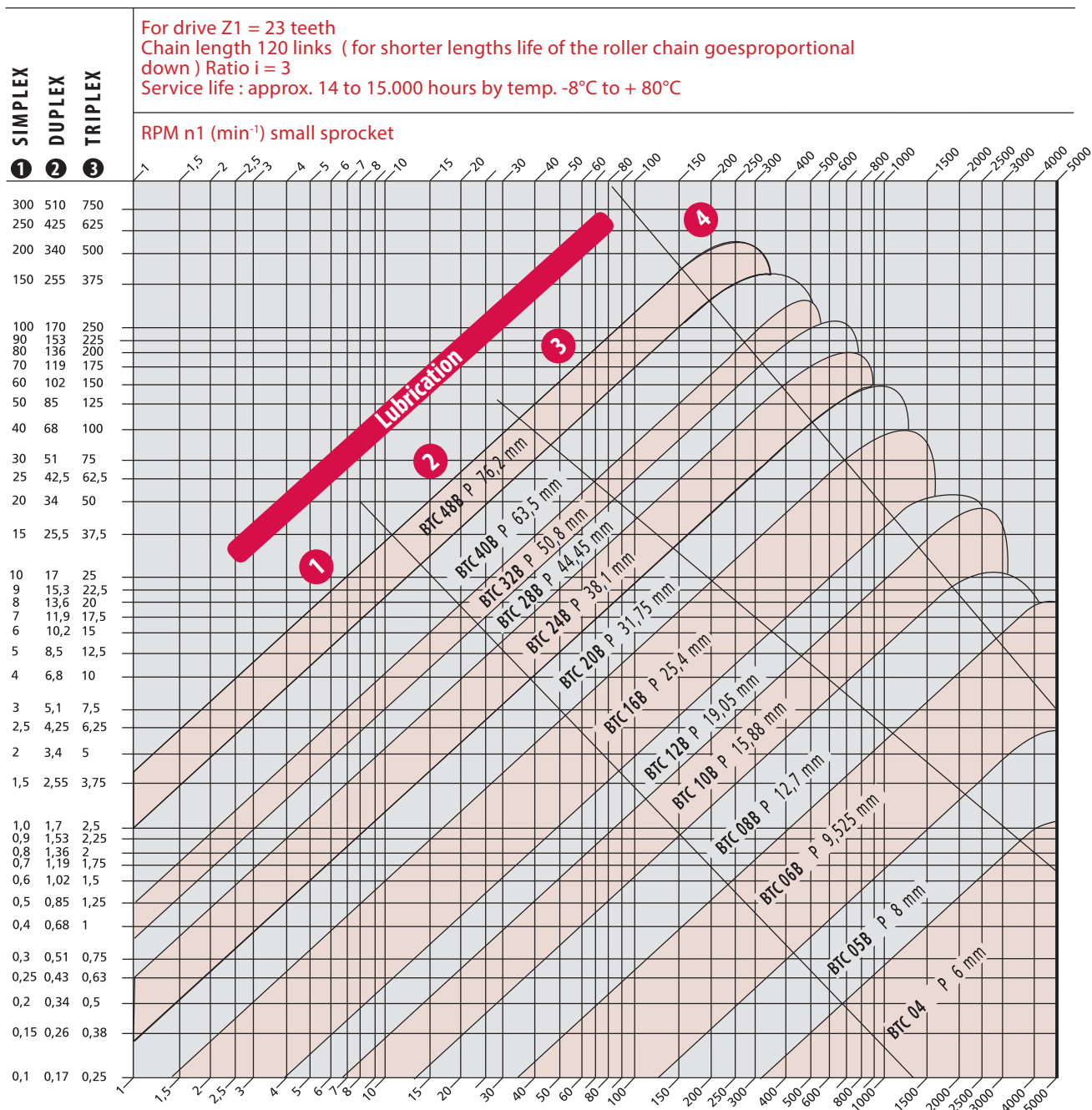
System is formed by a reservoir which sends oil, by gravity, to the dispensing rooms of the pneumatic micropumps. Necessary air for the functioning of the pumps and the oil spray is sent on the passage of bearings that power pneumatic valves with mechanical control or inductive sensors, suitably positioned along railroad.



3 Transmissions

Technical information

P_D (kW) Power diagram for roller chains DIN 8187 - European standard



Quality steel roller chain

$$P_D = P \cdot f_G$$

$$f_G = f_y \cdot f_z \cdot f_i \cdot f_a \cdot f_l$$

Stainless steel roller chain

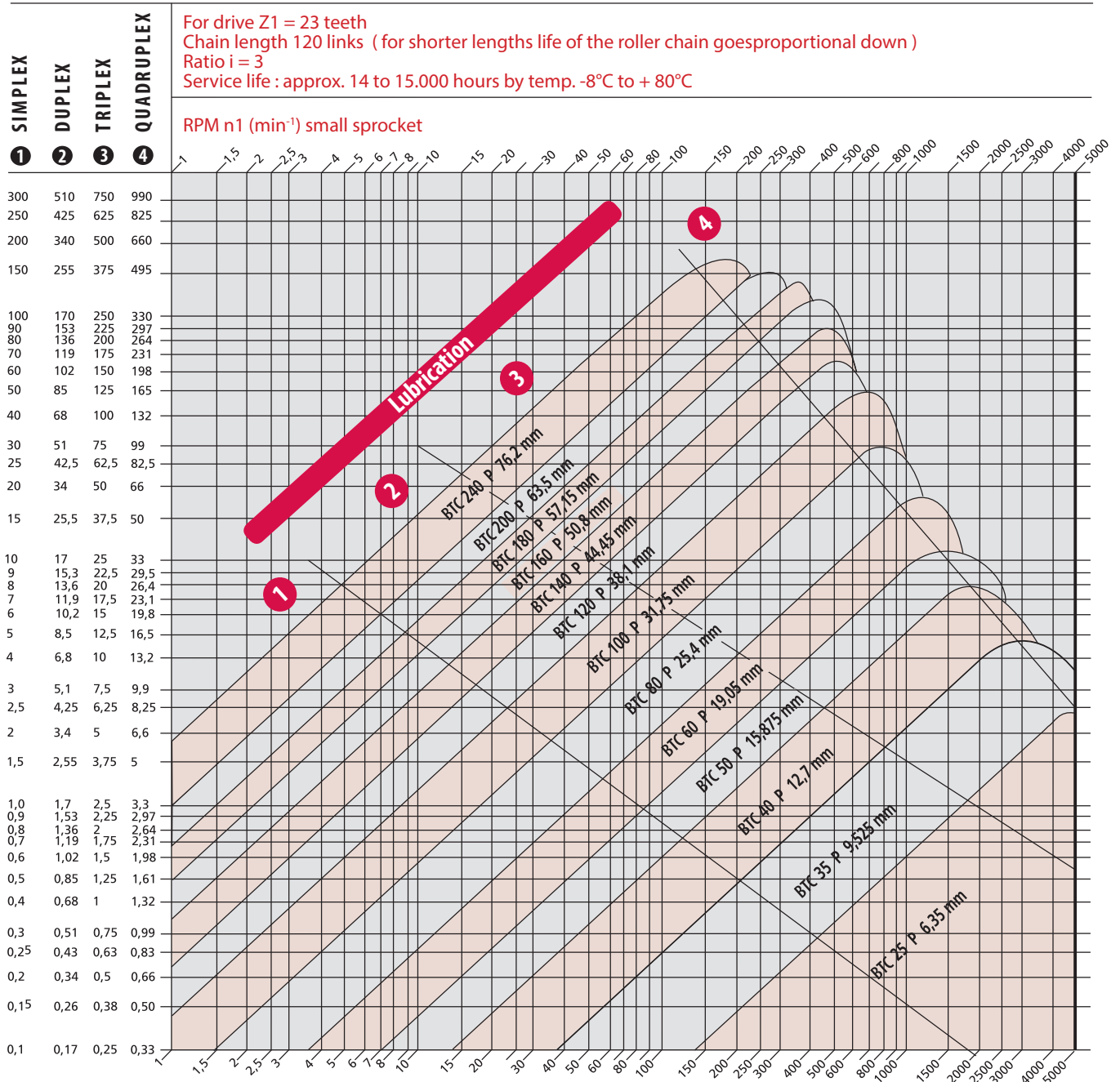
$$P_D = P \cdot f_{SS}$$

$$f_{SS} = f_w \cdot f_t \cdot f_v \cdot f_s$$

3 Transmissions

Technical information

P_D (kW) Power diagram for roller chains DIN 8188 - American standard



Quality steel roller chain

$$P_D = P \cdot f_G$$

$$f_G = f_y \cdot f_z \cdot f_i \cdot f_a \cdot f_l$$

Stainless steel roller chain

$$P_D = P \cdot f_{SS}$$

$$f_{SS} = f_w \cdot f_t \cdot f_v \cdot f_s$$

3 Transmissions

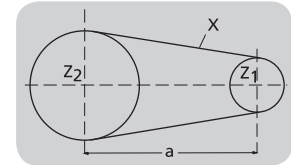
Calculation

$$z_1 = z_2 \quad x = \frac{2a}{p} + z$$

$$z_1 \neq z_2 \quad x = 2 \frac{a}{p} + \frac{z_1 + z_2}{2} + \frac{C}{a} p$$

Values for C $c = \frac{(z^2 - z_1^2)}{2p}$

$z_2 - z_1$	c	$z_2 - z_1$	C	$z_2 - z_1$	C	$z_2 - z_1$	C	$z_2 - z_1$	C
1	0,0253	21	11,171	41	42,580	61	94,254	81	166,191
2	0,1013	22	12,260	42	44,683	62	97,370	82	170,320
3	0,2280	23	13,400	43	46,836	63	100,536	83	174,450
4	0,4053	24	14,590	44	49,040	64	103,753	84	178,730
5	0,6333	25	15,831	45	51,294	65	107,021	85	183,011
6	0,912	26	17,123	46	53,599	66	110,339	86	187,342
7	1,241	27	18,466	47	55,955	67	113,708	87	191,724
8	1,621	28	19,859	48	58,361	68	117,128	88	196,157
9	2,052	29	21,303	49	60,818	69	120,598	89	200,640
10	2,533	30	22,797	50	63,326	70	124,119	90	205,174
11	3,065	31	24,342	51	65,884	71	127,690	91	209,759
12	3,648	32	25,938	52	68,493	72	131,313	92	214,395
13	4,281	33	27,585	53	71,153	73	134,986	93	219,081
14	4,965	34	29,282	54	73,863	74	138,709	94	223,817
15	5,699	35	31,030	55	76,624	75	142,483	95	228,605
16	6,485	36	32,828	56	79,436	76	146,308	96	233,443
17	7,320	37	34,677	57	82,298	77	150,184	97	238,322
18	8,207	38	36,577	58	85,211	78	154,110	98	243,271
19	9,144	39	38,527	59	88,175	79	158,087	99	248,261
20	10,132	40	40,529	60	91,189	80	162,115	100	253,302



The calculated number of pitches should be rounded up to a whole number of even pitches.

Avoid odd numbers of pitches because this involves the use of an offset link which is undesirable.

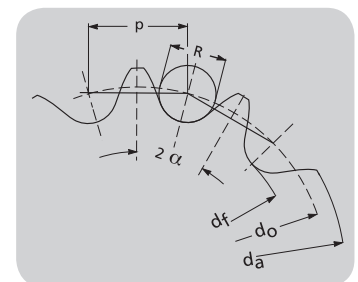
Remember, offset links offer only 80 % of the breaking load and 60 % of the fatigue load.

Pitch circle diameter calculation (pcd)

$$d_o = \frac{P}{\sin \alpha} = \frac{P}{\sin 180^\circ / z} = p n$$

Values for n $d_o = p n$

z	n	z	n	z	n	z	n	z	n	z	n	z	n
6	2,0000	21	6,7095	36	11,4737	51	16,2441	66	21,0164	81	25,7896	96	30,5632
7	2,3048	22	7,0267	37	11,7916	52	16,5622	67	21,3346	82	26,1078	97	30,8815
8	2,6131	23	7,3439	38	12,1096	53	16,8803	68	21,6528	83	26,4260	98	31,1997
9	2,9238	24	7,6613	39	12,4275	54	17,1984	69	21,9710	84	26,7443	99	31,5180
10	3,2361	25	7,9787	40	12,7455	55	17,5166	70	22,2892	85	27,0625	100	31,8362
11	3,5495	26	8,2962	41	13,0635	56	17,8347	71	22,6074	86	27,3808	101	32,1545
12	3,8637	27	8,6138	42	13,3815	57	18,1529	72	22,9256	87	27,6990	102	32,4727
13	4,1786	28	8,9314	43	13,6995	58	18,4710	73	23,2438	88	28,0172	103	32,7910
14	4,4940	29	9,2491	44	14,0176	59	18,7892	74	23,5620	89	28,3355	104	33,1093
15	4,8097	30	9,5668	45	14,3356	60	19,1073	75	23,8802	90	28,6537	105	33,4275
16	5,1258	31	9,8845	46	14,6537	61	19,4255	76	24,1984	91	28,9720	106	33,7458
17	5,4422	32	10,2023	47	14,9717	62	19,7437	77	24,5167	92	29,2902	107	34,0641
18	5,7588	33	10,5201	48	15,2898	63	20,0619	78	24,8349	93	29,6084	108	34,3823
19	6,0755	34	10,8380	49	15,6079	64	20,3800	79	25,1531	94	29,9267	109	34,7006
20	6,3925	35	11,1558	50	15,9260	65	20,6982	80	25,4713	95	30,2449	110	35,0188



Outside diameter d_a

$$\begin{aligned} d_a \text{ Z } 6 - 12 &= d_o + 0,6 R \\ \text{Z } 13 - 25 &= d_o + 0,7 R \\ \text{Z } > 25 &= d_o + 0,8 R \end{aligned}$$

Bottom diameter d_f

$$d_f = d_o - R \quad \text{Tolerance } h_{11}$$

Width of teeth for single strand chain B_1

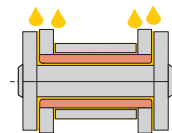
$$B_1 = W, 0,9$$

3 Transmissions

Formules and parameters

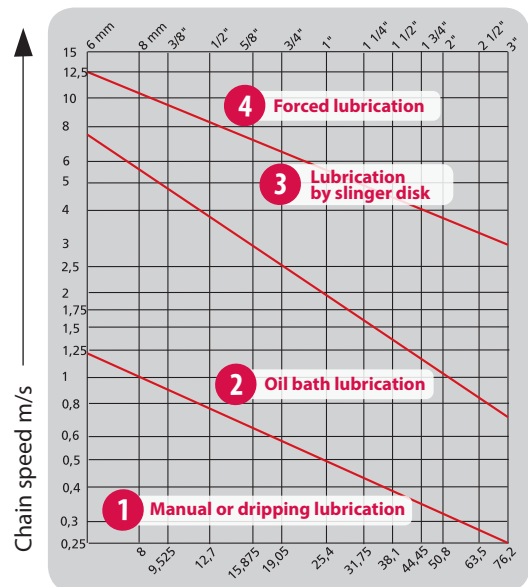
Description	Symbol	Unit	Basic equations
rpm	n	min ⁻¹	$n = \frac{60000 \cdot v}{d_o \cdot p} \sim \frac{60000 \cdot v d}{z \cdot p}$
Total Service correction factor	f _G		$f_G = f_y \cdot f_z \cdot f_i \cdot f_a \cdot f_l$
Torque	M	Nm	$M = \frac{9550 P}{n} = \frac{F \cdot d_o}{2000}$
Power	P	kW	$P = \frac{F \cdot v}{1000} = \frac{M \cdot n}{9550}$
Power diagram	P _D	kW	$P_D = P \cdot f_G$
Chain load	F	N	$F = \frac{1000 P}{v} = \frac{2000 M}{d_o}$
Tensile strenght (Breaking load)	F _B	N/LB	
Average tensile strength	F _{BA}	N/LB	
Bearing pressure	p _r	N/mm ²	$p_r = \frac{F_G}{f}$
Admissible bearing pressure	p _{r adm}	N/mm ²	$p_{r zul} = \frac{p_{r zul Diagram}}{f_l}$
Speed	v	m/s	$v = \frac{1000 \cdot P}{F} = \frac{d_o \cdot p \cdot n}{60000} \sim \frac{z \cdot p \cdot n}{60000}$
Pitch diameter	d _o	mm	$d_o = \frac{P}{\sin \frac{180^\circ}{z}} \sim \frac{z \cdot P}{p}$
Pitch	p	mm	
Drive ratio	i		$i = \frac{n^1}{n^2} = \frac{z^2}{z^1}$
Centre distance	a	mm	
Number of teeth	z		
Number of links	X		
Dynamic chain load	F _{dyn}	N	$F_{dyn} = F \cdot f_y$
Centrifugal force	F _F	N	$F_F = q \cdot v^2$
Total load	F _G	N	$F_G = F_{dyn} + F_F$
Chain weight	q	kg/m	
Service factor	f _y		
Transmission ratio	f _i		
Centre distance factor	f _a		
Sprocket size factor	f _z		
Lubrication factor	f _l		
Fatigue strength	F _D	N	
Rated working load	F _{adm}	N	
Safety factor (static)	S _{stat}		$S_{stat} = \frac{F_B}{F_G}$
Safety factor (dynamic)	S _{dyn}		$S_{dyn} = \frac{F_D}{F_G}$

1 kW = 1,34 HP 1 HP = 0,746 kW 1N = 0,102 kg 1kg = 9,8 N



Lubrication

Recommendations for lubrication



Correct lubrication depends on the working environment, temperature, chain speed and the type of lubrication.

For most applications in the temperature range of - 8 to + 80 °C a mineral or synthetic, non-detergent, multigrade SAE 20/50 oil is recommended.

Grease lubrication is generally considered unsuitable for roller chains.



Relevant lubrication factor

Chain speed = v m/s	< 4	4-7	> 7
Lubrication			
Good	1	1	1
Insufficient, non-polluted	1,4	2,5	N
Insufficient, contaminated	2,5	4	N
Not lubricated	5	N	N



Transmission ratio factor

i	1:1	2:1	3:1	5:1	7:1
f _i	1,22	1,08	1	0,92	0,86



Transmission ratio factor

a/p	20	40	60	80	160	a = in number of links
f _a	1,18	1	0,91	0,87	0,69	

Centre distances recommended

Pitch inch	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"
mm	9,525	12,7	15,88	19,05	25,4	31,75
a	450	600	750	900	1000	1200
Pitch inch	1 1/2"	1 3/4"	2"	2 1/2"	3"	
mm	38,1	44,45	50,8	63,5	76,2	
a	1350	1500	1700	1800	2000	

3 Transmissions



SOLUTIONS IN PLASTICS

CUSTOM FINISHED PRODUCTS | SEMI-FINISHED PRODUCTS | CHAIN GUIDES | CHAIN TENSIONERS

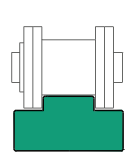
3 Transmissions

Overview of chain guides

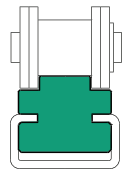
For roller chains (DIN 8187) and round link chains (DIN 766/764)

Murtfeldt offers an extensive standard range of guides for roller chains. We have a total of 20 different types of guide for roller chains and four for round link chains. You can also choose between our high-quality Original Material "S"[®]Green and our more economical Material "S"[®]1000 Green.

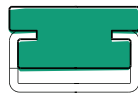
Chain guides for roller chains as per DIN 8187 (DIN 8188 catalogue on request)



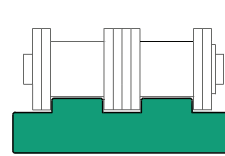
Type T - p.101



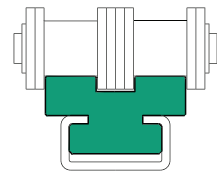
Type CT - p.102



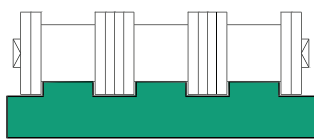
Type CF - p.103



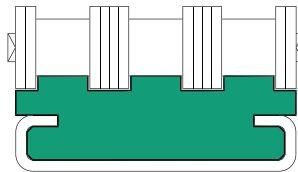
Type T-Duplex - p.104



Type CT-Duplex- p.105



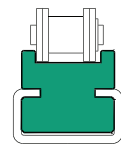
Type T-Triplex - p.106



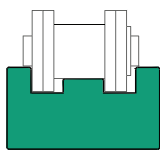
Type CT-Triplex - p.106



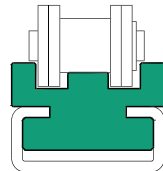
Type TU - p.107



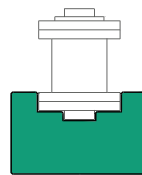
Type CTU - p.107



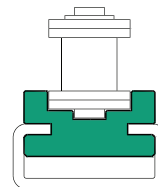
Type TS - p.108



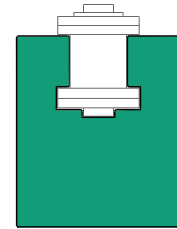
Type CTS - p.109



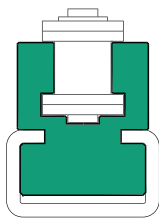
Type U - p.110



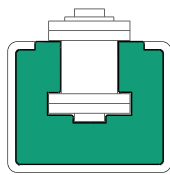
Type CU - p.111



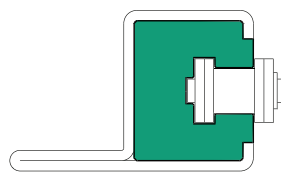
Type K - p.112



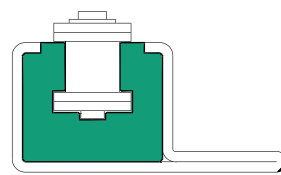
Type CK - p.113



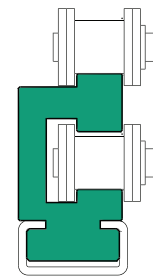
Type CKG - p.114



Type CKG 14H - p.115

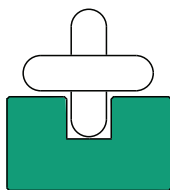


Type CKG 15V - p.116

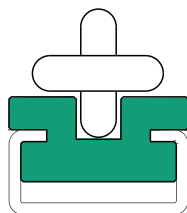


Type ETA - p.117

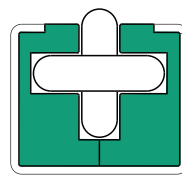
Chain guides for round link chains as per DIN 766/764



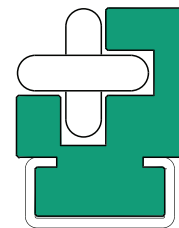
Type R - p.118



Type CRU - p.118



Type CRG - p.119

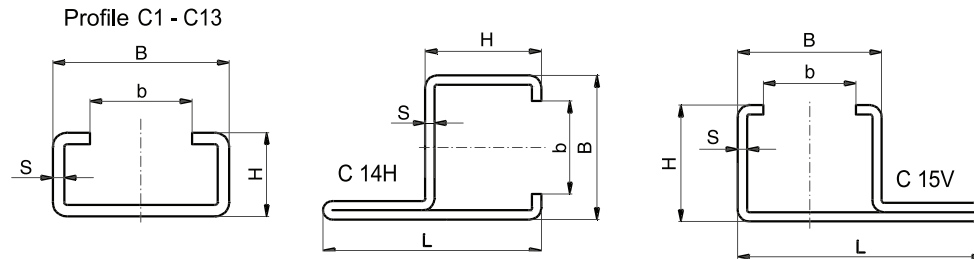


Type CRO - p.119

3 Transmissions

Selection table

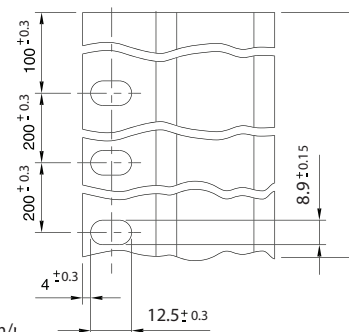
Galvanized, nongalvanized or stainless steel C profiles



Profile No.	B	H	b	s	L	Length	Article no. galvanized	Article no. V2A	Article no. nongalvanized
C1	24	5.2	17.5	1	-	2000	351 020 001	351 020 101	
						3000	351 030 001	351 030 101	
						6000	351 060 001	351 060 101	
C3	20	10	10	1.5	-	2000	351 020 003	351 020 103	
						3000	351 030 003	351 030 103	
						6000	351 060 003	351 060 103	351 060 203
C4	50	10	35	2	-	2000	351 020 004	351 020 104	
						6000	351 060 004	351 060 104	
C5	28	12	14	2	-	2000	351 020 005	351 020 105	
						3000	351 030 005	351 030 105	
						6000	351 060 005	351 060 105	351 060 205
C6	80	10	65	2	-	2000	351 020 006	351 020 106	
						6000	351 060 006	351 060 106	
C7	28	16	14	2.5	-	2000	351 020 007	351 020 107	
						6000	351 060 007	351 060 107	351 060 207
C9	38	18	22	2.5	-	2000	351 020 009	351 020 109	
						3000	351 030 009	351 030 109	
						6000	351 060 009	351 060 109	351 060 209
C10	30	24	20	1.5	-	2000	351 020 010	351 020 110	
						6000	351 060 010	351 060 110	351 060 210
C11	45	40	31	2	-	2000	351 020 011	351 020 111	
						6000	351 060 011	351 060 111	351 060 211
C12	60	20	36	2.5	-	2000	351 020 012	351 020 112	
						6000	351 060 012	351 060 112	
C13	65	55	40	3	-	2000	351 020 013	351 020 113	
						6000	351 060 013	351 060 113	
C14 H	31	25	20	2	47	2000	351 020 014	351 020 114	
						3000	351 030 014	351 030 114	
						6000	351 060 014	351 060 114	
C15 V	31	25	20	2	53	2000	351 020 015	351 020 115	
						3000	351 030 015	351 030 115	
						6000	351 060 015	351 060 115	

Dimensions in mm

C14H and C15V steel profile:
with punch hole in mounting



Hole spacing aggregate tolerance: Max. 0.75mm/l

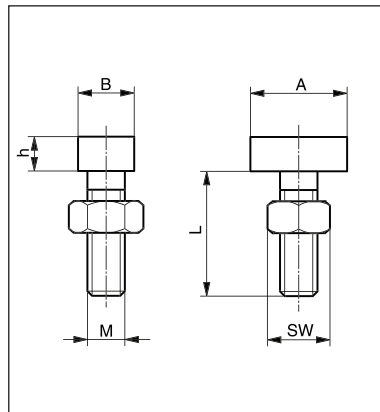
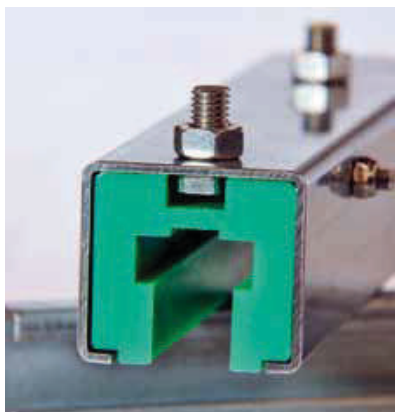
3 Transmissions

T-Head bolts

Galvanized / stainless steel

Thread (M x L)	Suitable for these steel C profiles	A in mm	B in m	h in mm	Material	Article no.	Type
M6x20	C1, C3, C4, C5, C6, C7, C9, C10, C11, C12, C13	18.0	9.5	4	galvanised	352010001	-
M6x20	C1, C4, C5, C6, C7, C9, C12	15.5	9.0	6	galvanised	352010005	20/12
M6x30	C1, C4, C5, C6, C7, C9, C12	15.5	9.0	6	galvanised	352010003	20/12
M6x40	C1, C4, C5, C6, C7, C9, C12	15.5	9.0	6	galvanised	352010004	20/12
M8x20	C4, C6, C7, C9, C12	15.5	9.0	6	galvanised	352010008	20/12
M8x30	C4, C6, C7, C9, C12	15.5	9.0	6	galvanised	352010006	20/12
M8x40	C4, C6, C7, C9, C12	15.5	9.0	6	galvanised	352010007	20/12
M8x20	C4, C6, C7, C9, C12	23.0	11.0	6	galvanised	352010011	28/15
M8x30	C4, C6, C7, C9, C12	23.0	11.0	6	galvanised	352010019	28/15
M8x40	C4, C6, C7, C9, C12	23.0	11.0	6	galvanised	352010014	28/15
M10x20	C4, C6, C7, C9, C11, C12, C13	23.0	11.0	7	galvanised	352010020	28/15
M10x30	C4, C6, C7, C9, C11, C12, C13	23.0	11.0	7	galvanised	352010012	28/15
M10x40	C4, C6, C7, C9, C11, C12, C13	23.0	11.0	7	galvanised	352010013	28/15
M10x20	C6, C9, C12	31.0	13.5	9	galvanised	352010015	38/17
M10x30	C6, C9, C12	31.0	13.5	9	galvanised	352010016	38/17
M12x40	C6, C11, C12, C13	31.0	13.5	9	galvanised	352010017	38/17
M6x20	C1, C3, C4, C5, C6, C7, C9, C10, C11, C12, C13	18.0	9.5	4	V2A	352010002	-
M8x20	C4, C6, C7, C9, C12	15.5	9.0	6	V2A	352010025	20/12
M8x30	C4, C6, C7, C9, C12	15.5	9.0	6	V2A	352010026	20/12

Please speak with our application technology department to determine the best T-head screw for your needs. We can provide the appropriate models including nuts for one-track and two-track connections.



3 Transmissions

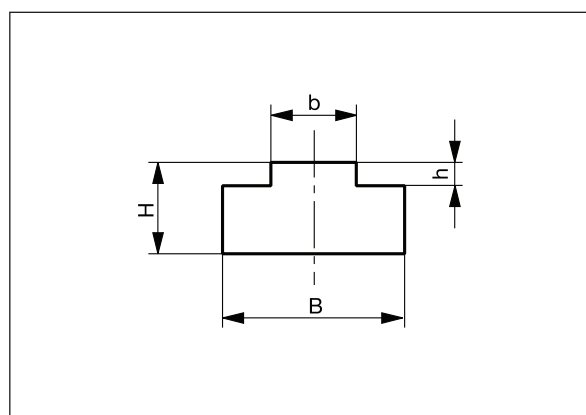
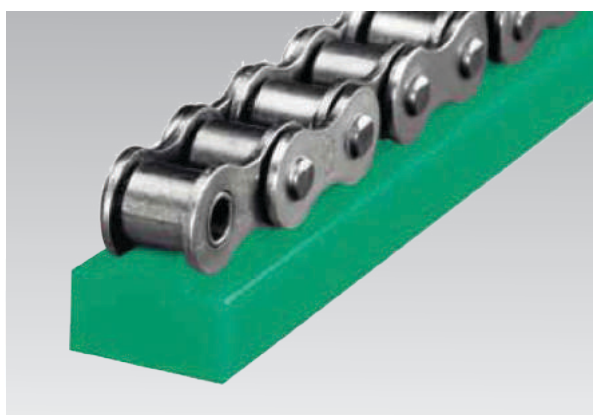
Chain guides for Roller Chains as per DIN 8187

Type T



DIN 8187 chain no	Chain dimensions in inches	B	H	b	h	Article no.
06B-1	3/8" x 7/32"	15	10	5,4	1,5	221 010 002
083-1	1/2" x 3/16"	15	10	4,5	1,5	221 010 003
085-1	1/2" x 1/4"	20	10	6,2	2,2	221 010 004
08B-1	1/2" x 5/16"	20	10	7,4	2,2	221 010 005
08B-1	1/2" x 5/16"	20	15	7,4	2,2	221 010 006
08B-1	1/2" x 5/16"	20	20	7,4	2,2	221 010 007
08B-1	1/2" x 5/16"	20	30	7,4	2,2	221 010 008
-	5/8" x 1/4"	20	10	6,2	2,6	221 010 009
10B-1	5/8" x 3/8"	20	10	9,3	2,6	221 010 010
10B-1	5/8" x 3/8"	20	15	9,3	2,6	221 010 011
10B-1	5/8" x 3/8"	20	20	9,3	2,6	221 010 012
10B-1	5/8" x 3/8"	20	30	9,3	2,6	221 010 013
12B-1	3/4" x 7/16"	25	10	11,3	2,4	221 010 014
12B-1	3/4" x 7/16"	25	15	11,3	2,4	221 010 015
12B-1	3/4" x 7/16"	25	20	11,3	2,4	221 010 016
12B-1	3/4" x 7/16"	25	30	11,3	2,4	221 010 017
16B-1	1" x 17 mm	40	15	16,0	3,5	221 010 018
16B-1	1" x 17 mm	40	20	16,0	3,5	221 010 019
16B-1	1" x 17 mm	40	30	16,0	3,5	221 010 020
20B-1	1 1/4" x 3/4"	45	15	18,0	4,2	221 010 021
24B-1	1 1/2" x 1"	60	15	24,0	5,5	221 010 022
28B-1	1 3/4" x 31 mm	75	20	30,0	6,8	221 010 023
32B-1	2" x 31 mm	80	20	30,0	7,7	221 010 024

Dimensions in mm - Separate ASA/JIS product catalogue available.



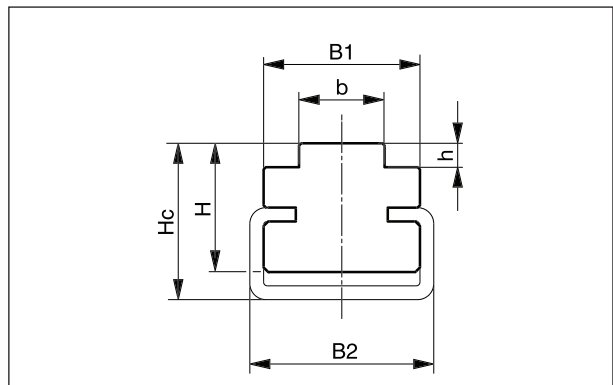
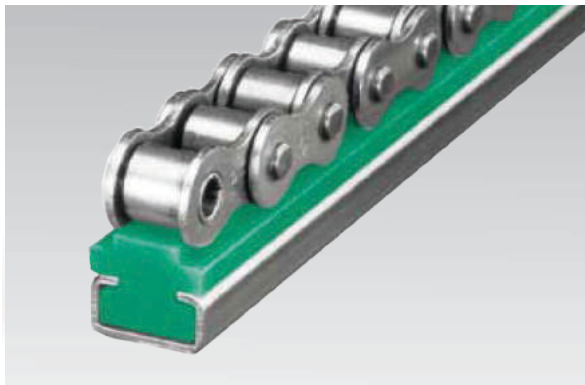
3 Transmissions

Type CT



DIN 8187 chain no.	Chain dimensions in inches	C profile type	B1	B2	H	Hc	b	h	Article no.
06B-1	3/8" x 7/32"		17		14	17	5.4	1.5	221 210 015
		C3		20					351 020 003
083-1	1/2" x 3/16"		17		14	17	4.5	1.5	221 210 002
		C3		20					351 020 003
085-1	1/2" x 1/4"		17		14	17	6.2	2.2	221 210 003
		C3		20					351 020 003
08B-1	1/2" x 5/16"		20		10	11	7.4	2.2	221 210 001
		C1		24					351 020 001
08B-1	1/2" x 5/16"		17		14	17	7.4	2.2	221 210 004
		C3		20					351 020 003
-	5/8" x 1/4"		17		14	17	6.2	2.6	221 210 005
		C3		20					351 020 003
10B-1	5/8" x 3/8"		17		14	17	9.3	2.6	221 210 006
		C3		20					351 020 003
12B-1	3/4" x 7/16"		20		14	17	11.3	2.4	221 210 007
		C3		20					351 020 003
12B-1	3/4" x 7/16"		24		14	18	11.3	2.4	221 210 008
		C5		28					351 020 005
16B-1	1" x 17 mm		24		14	18	16	3.5	221 210 009
		C5		28					351 020 005
20B-1	1 1/4" x 3/4"		28		14	18	18	4.2	221 210 010
		C5		28					351 020 005
24B-1	1 1/2" x 1"		33		23	30	24	5.5	221 210 011
		C9		38					351 020 009
28B-1	1 3/4" x 31 mm		33		23	30	30	6.8	221 210 012
		C9		38					351 020 009
32B-1	2" x 31 mm		33		23	30	30	7.7	221 210 013
		C9		38					351 020 009
32B-1	2" x 31 mm		60		25	35	30	7.7	221 210 014
		C12		60					351 020 012

Dimensions in mm · Separate ASA/JIS product catalogue available.



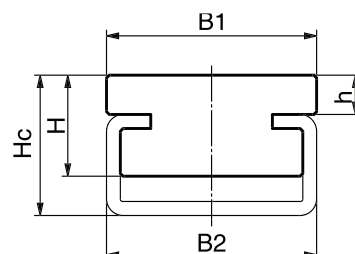
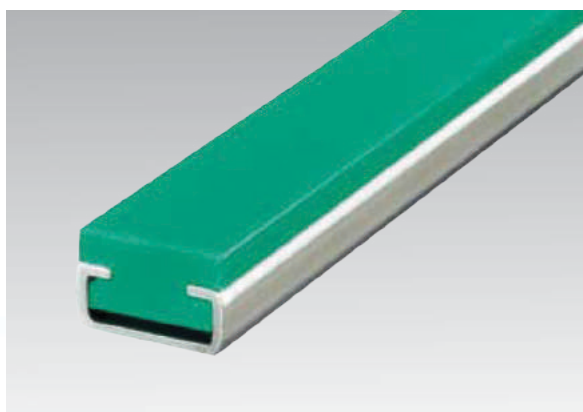
3 Transmissions

Type CF



Type	C profile type	B1	B2	H	Hc	h	Article no.
CF		20		5	6	1.0	211 010 001
	C1		24				351 020 001
CF		20		10	11	5.8	211 010 002
	C1		24				351 020 001
CF		20		10	14	4.0	211 010 003
	C3		20				351 020 003
CF		20		14	17	7.0	211 010 004
	C3		20				351 020 003
CF		20		16	20	10.0	211 010 005
	C3		20				351 020 003
CF		28		10	15	3.0	211 010 006
	C5		28				351 020 005
CF		28		14	18	6.0	211 010 007
	C5		28				351 020 005
CF		38		12	22	4.0	211 010 008
	C9		38				351 020 009
CF		38		18	25	7.0	211 010 009
	C9		38				351 020 009
CF		60		20	30	10.0	211 010 010
	C12		60				351 020 012
CF		50		18	20	10.0	211 010 011
	C4		50				351 020 004
CF		80		18	20	10.0	211 010 012
	C6		80				351 020 006

Dimensions in mm.



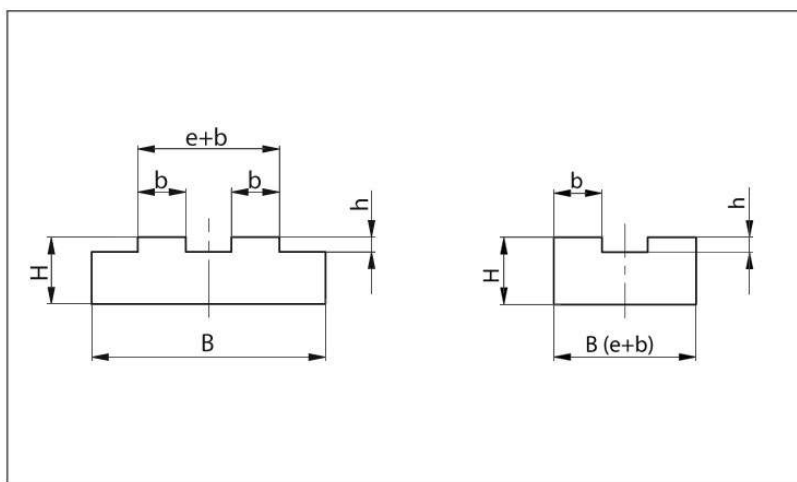
3 Transmissions

Type T-Duplex



DIN8187 chain no.	Chain dimensions in inches	B	H	b	h	e+b	Article no.
06B-2	3/8" x 7/32"	25.0	10	5.3	1.5	15.6	221 010 025
08B-2	1/2" x 5/16"	35.0	10	7.2	2.2	21.2	221 010 026
08B-2	1/2" x 5/16"	35.0	15	7.2	2.2	21.2	221 010 027
08B-2	1/2" x 5/16"	35.0	20	7.2	2.2	21.2	221 010 028
08B-2	1/2" x 5/16"	35.0	30	7.2	2.2	21.2	221 010 029
10B-2	5/8" x 3/8"	40.0	10	9.0	2.6	25.6	221 010 030
12B-2	3/4" x 7/16"	45.0	15	10.9	2.4	30.4	221 010 031
12B-2	3/4" x 7/16"	45.0	10	10.9	2.4	30.4	221 010 032
16B-2	1" x 17 mm	47.8	15	15.8	3.5	47.8	221 010 033
20B-2	1 1/4" x 3/4"	54.7	15	18.2	4.2	54.7	221 010 034
24B-2	1 1/2" x 1"	72.0	20	23.6	5.5	72.0	221 010 035
28B-2	1 3/4" x 31 mm	88.4	25	28.8	6.8	88.4	221 010 036
32B-2	2" x 31 mm	87.4	30	28.8	7.7	87.4	221 010 037

Dimensions in mm. Separate ASA/JIS product catalogue available.



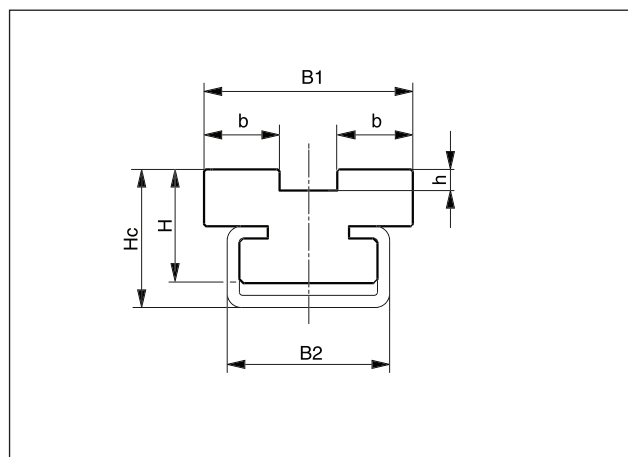
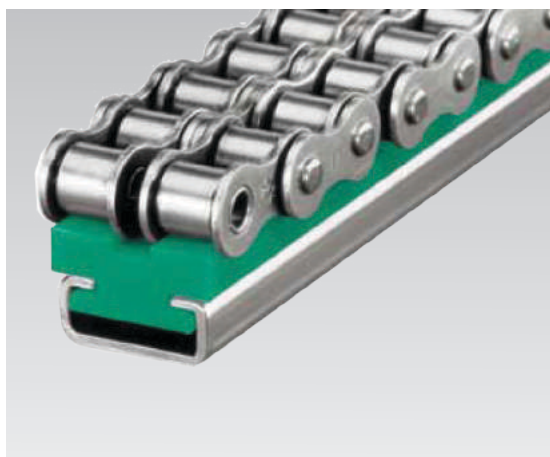
3 Transmissions

Type CT-Duplex



DIN8187 chain no.	Chain dimensions in inches	C profile type	B1	B2	H	Hc	b	h	Article no.
06B-2	3/8" x 7/32"		15.6		14	17	5.3	1.5	221 210 022
		C3		20					351 020 003
08B-2	1/2" x 5/16"		21.2		14	17	7.2	2.2	221 210 016
		C3		20					351 020 003
10B-2	5/8" x 3/8"		25.6		14	17	9.0	2.6	221 210 017
		C3		20					351 020 003
12B-2	3/4" x 7/16"		30.4		15	20	10.9	2.4	221 210 018
		C5		28					351 020 005
16B-2	1" x 17 mm		47.8		20	27	15.8	3.5	221 210 019
		C9		38					351 020 009
20B-2	1 1/4" x 3/4"		54.7		22	30	18.2	4.2	221 210 020
		C12		60					351 020 012
24B-2	1 1/2" x 1"		72.0		25	35	23.6	5.5	221 210 021
		C12		60					351 020 012

Dimensions in mm. Separate ASA/JIS product catalogue available.



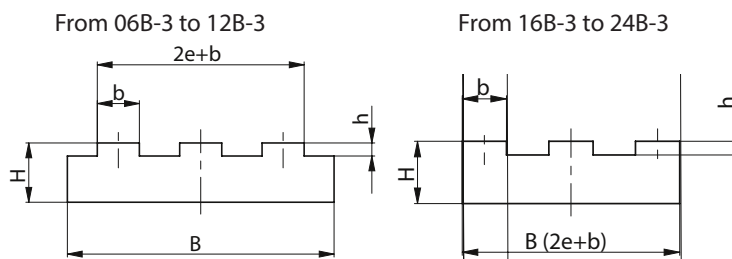
3 Transmissions

Type T-Triplex



DIN8187 chain no.	Chain dimensions in inches	B	H	b	h	2e+b	Article no.
06B-3	3/8" x 7/32"	35.0	10	5.3	1.5	25.9	221 010 038
08B-3	1/2" x 5/16"	45.0	10	7.1	2.2	34.9	221 010 039
10B-3	5/8" x 3/8"	55.0	10	8.9	2.6	42.1	221 010 040
12B-3	3/4" x 7/16"	60.0	15	10.7	2.4	49.7	221 010 041
16B-3	1" x 17 mm	79.5	20	15.7	3.5	79.5	221 010 042
20B-3	1 1/4" x 3/4"	91.0	20	18.0	4.2	91.0	221 010 043
24B-3	1 1/2" x 1"	120.0	25	23.4	5.5	120.0	221 010 044

Dimensions in mm. Separate ASA/JIS product catalogue available.

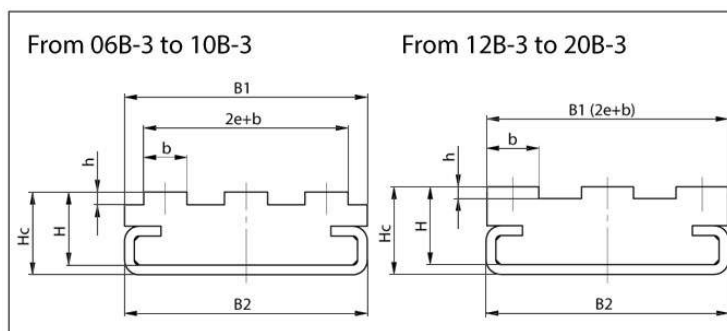
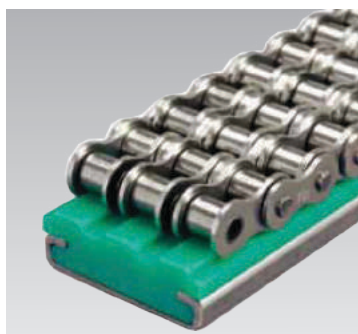


Type CT-Triplex



	Chain dimensions in inches	C profile type	B1	B2	H	Hc	b	h	2e+b	Article no.
06B-3	3/8" x 7/32"		30.0		15	20	5.3	1.5	25.9	221 210 023
		C5		28						351 020 005
08B-3	1/2" x 5/16"		34.9		15	20	7.1	2.2	34.9	221 210 024
		C5		28						351 020 005
10B-3	5/8" x 3/8"		50.0		15	17	8.9	2.6	42.1	221 210 025
		C4		50						351 020 004
12B-3	3/4" x 7/16"		49.7		18	20	10.7	2.4	49.7	221 210 026
		C4		50						351 020 004
16B-3	1" x 17 mm		79.5		20	22	15.7	3.5	79.5	221 210 027
		C6		80						351 020 006
20B-3	1 1/4" x 3/4"		91.0		20	22	18.0	4.2	91.0	221 210 028
		C6		80						351 020 006

Dimensions in mm. Separate ASA/JIS product catalogue available.

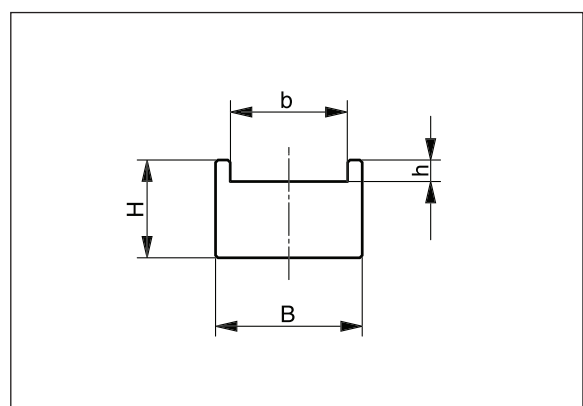
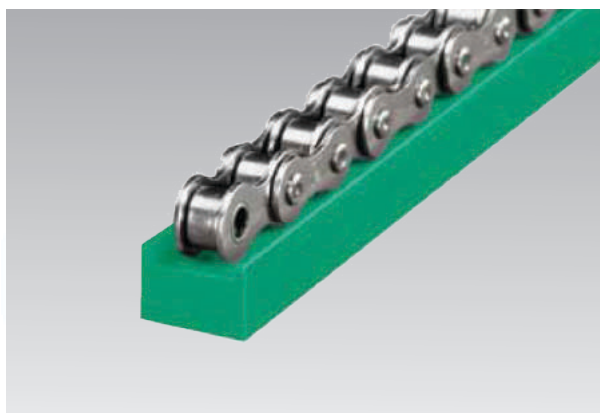


3 Transmissions

Type TU



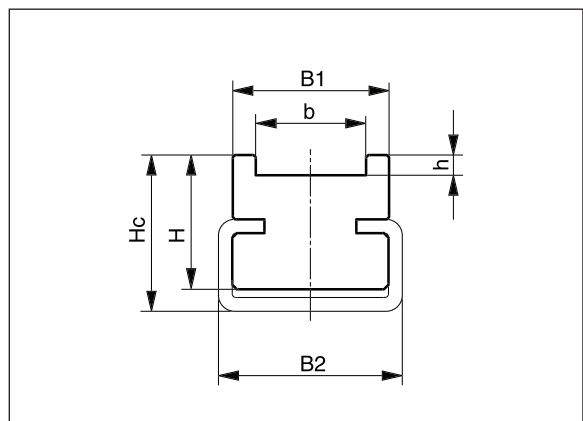
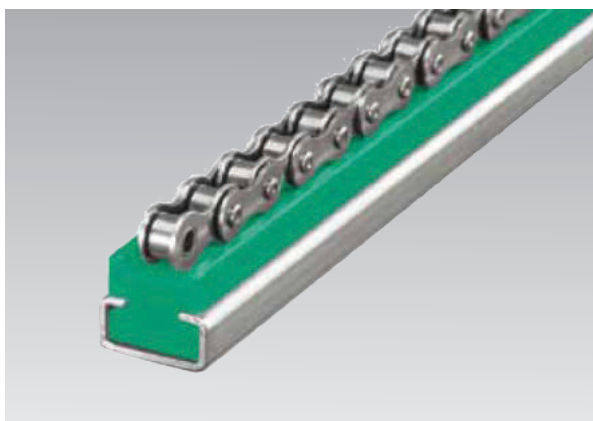
DIN8187 chain no.	Chain dimensions in inches	B	H	b	h	Article no.
-	3/8" x 5/32"	15	10	12	2.2	221 110 010
083-1	1/2" x 3/16"	15	10	12	2.2	221 110 011



Type CTU



DIN8187 chain no.	Chain dimensions in inches	C profile type	B1	B2	H	Hc	b	h	Article no.
-	3/8" x 5/32"		17		14	17	12	2.2	221 310 010
		C3		20					351 020 003
083-1	1/2" x 3/16"		17		14	17	12	2.2	221 310 010
		C3		20					351 020 003



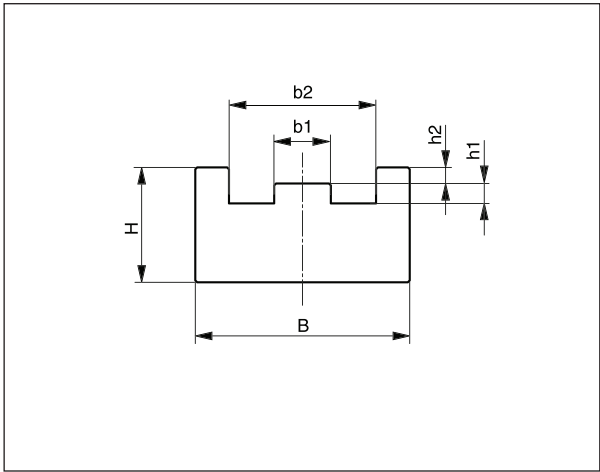
3 Transmissions

Type TS



DIN8187 chain no.	Chain dimensions in inches	B	H	b1	b2	h1	h2	Article no.
06B-1	3/8" x 7/32"	20	10	3.8	13.0	1.5	1.1	221 110 001
083-1	1/2" x 3/16"	20	10	3.0	12.4	1.6	1.4	221 110 002
085-1	1/2" x 1/4"	22	10	4.5	15.1	2.2	1.6	221 110 003
08B-1	1/2" x 5/16"	25	15	5.7	16.3	2.2	1.6	221 110 004
-	5/8" x 1/4"	25	15	4.1	16.1	2.6	2.1	221 110 005
10B-1	5/8" x 3/8"	28	15	7.4	19.2	2.6	2.1	221 110 006
12B-1	3/4" x 7/16"	30	20	9.2	21.8	2.4	2.8	221 110 007
16B-1	1" x 17 mm	42	25	15.0	35.0	3.5	3.3	221 110 008
20B-1	1 1/4" x 3/4"	50	25	16.8	40.0	4.2	4.0	221 110 009

Dimensions in mm. Separate ASA/JIS product catalogue available.



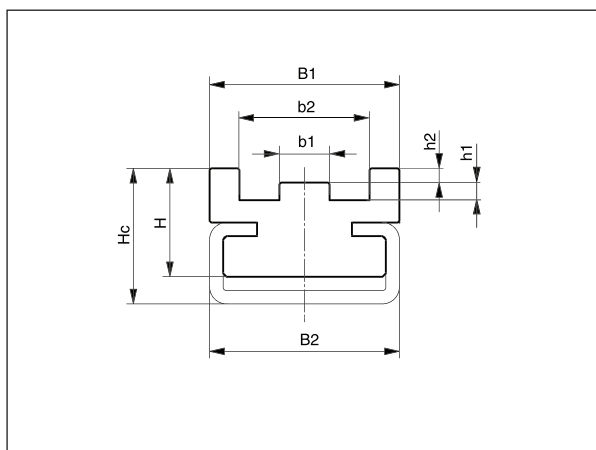
3 Transmissions

Type CTS



DIN 8187 chain no.	Chain dimensions in inches	C profile type 	B1	B2	H	Hc	b1	b2	h1	h2	Article no.
06B-1	3/8" x 7/32"		20		14	17	3.8	13.0	1.5	1.1	221 310 001
		C3		20							351 020 003
083-1	1/2" x 3/16"		20		14	17	3.0	12.4	1.6	1.4	221 310 002
		C3		20							351 020 003
085-1	1/2" x 1/4"		22		14	17	4.5	15.1	2.2	1.6	221 310 003
		C3		20							351 020 003
08B-1	1/2" x 5/16"		25		16	20	5.7	16.3	2.2	1.6	221 310 004
		C3		20							351 020 003
-	5/8" x 1/4"		25		16	20	4.1	16.1	2.6	2.1	221 310 005
		C3		20							351 020 003
10B-1	5/8" x 3/8"		28		16	20	7.4	19.2	2.6	2.1	221 310 006
		C5		28							351 020 005
12B-1	3/4" x 7/16"		30		18	22	9.2	21.8	2.4	2.8	221 310 007
		C5		28							351 020 005
16B-1	1" x 17 mm		42		25	30	15.0	35.0	3.5	3.3	221 310 008
		C9		38							351 020 009
20B-1	1 1/4" x 3/4"		50		30	35	16.8	40.0	4.2	4.0	221 310 009
		C9		38							351 020 009

Dimensions in mm. Separate ASA/JIS product catalogue available.



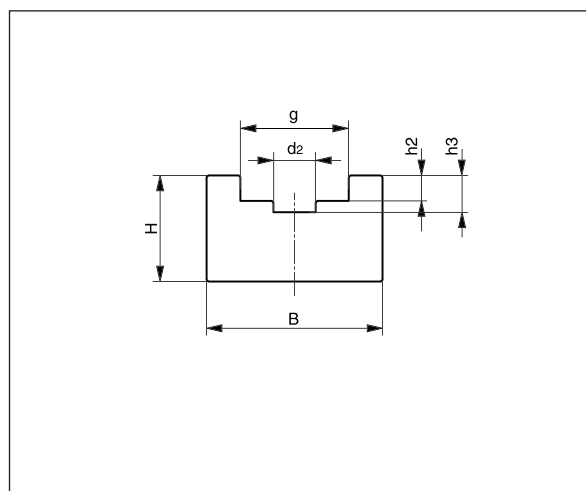
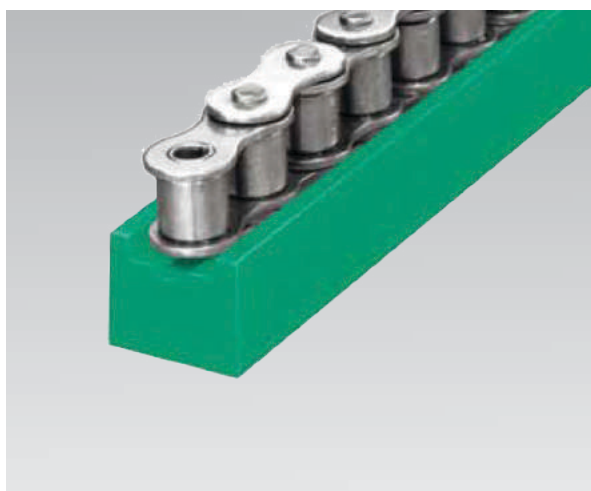
3 Transmissions

Type U



DIN8187 chain no.	Chain dimensions in inches	B	H	d2	g	h2	h3	Article no.
-	3/8" x 5/32"	20	15	4	9.4	2.8	4.2	221 110 012
06B-1	3/8" x 7/32"	20	15	4	9.4	2.8	4.2	221 110 013
083-1	1/2" x 3/16"	20	15	5	10.8	2.3	3.8	221 110 014
g=12,8mm	1/2" x 1/4"	25	15	5	12.8	3.5	5.0	221 110 015
08B-1	1/2" x 5/16"	25	15	5	12.8	3.5	5.0	221 110 017
-	5/8" x 1/4"	25	15	6	15.4	3.6	5.2	221 110 016
085-1	1/2 x 1/4"	20	15	5	11.8	3.2	4.7	221 110 018
10B-1	5/8" x 3/8"	25	15	6	15.4	3.6	5.0	221 110 019
12B-1	3/4" x 7/16"	25	20	7	17.0	3.9	5.7	221 110 020
16B-1	1" x 17 mm	33	25	10	24.0	8.4	10.6	221 110 021
20B-1	1 1/4" x 3/4"	55	25	11	28.0	10.0	12.2	221 110 022
24B-1	1 1/2" x 1"	60	30	16	36.6	13.0	16.0	221 110 023
28B-1	1 3/4" x 31 mm	65	30	17	40.0	16.0	18.0	221 110 024
32B-1	2" x 31 mm	70	30	20	44.6	16.0	20.0	221 110 025

Dimensions in mm. Separate ASA/JIS product catalogue available.



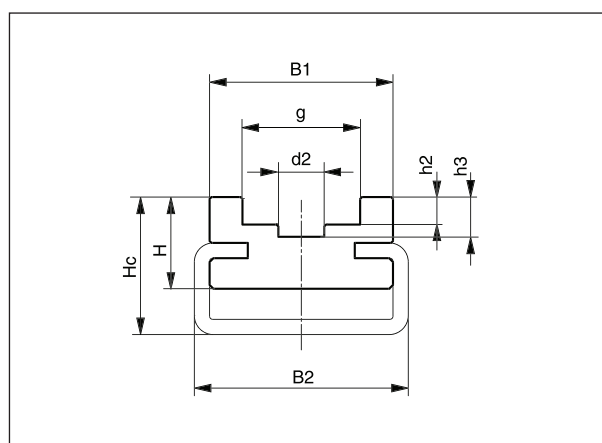
3 Transmissions

Type CU



DIN8187 chain no.	Chain dimensions in inches	C profile type	B1	B2	H	Hc	d2	g	h2	h3	Article no.
-	3/8" x 5/32"		20		14	17	4	9.4	2.8	4.2	221 310 011
		C3		20							351 020 003
06B-1	3/8" x 7/32"		20		14	17	4	9.4	2.8	4.2	221 310 013
		C3		20							351 020 003
083-1	1/2" x 3/16"		20		14	17	5	10.8	2.3	3.8	221 310 015
		C3		20							351 020 003
085-1	1/2" x 1/4"		28		14	18	5	11.8	3.2	4.7	221 310 017
		C5		28							351 020 005
g=12,8mm	1/2" x 1/4"		28		14	18	5	12.8	3.5	5.0	221 310 019
		C5		28							351 020 005
08B-1	1/2" x 5/16"		20		10	11	5	12.8	3.5	5.0	221 310 012
		C1		24							351 020 001
-	5/8" x 1/4"		24		12	18	6	15.4	3.6	5.2	221 310 021
		C5		28							351 020 005
10B-1	5/8" x 3/8"		24		12	18	6	15.4	3.6	5.0	221 310 014
		C5		28							351 020 005
12B-1	3/4" x 7/16"		24		12	18	7	17.0	3.9	5.7	221 310 016
		C5		28							351 020 005
16B-1	1" x 17 mm		33		20	30	10	24.0	8.4	10.6	221 310 018
		C9		38							351 020 009
20B-1	1 1/4" x 3/4"		60		25	35	11	28.0	10.0	12.2	221 310 020
		C12		60							351 020 012
24B-1	1 1/2" x 1"		60		30	40	16	36.6	13.0	16.0	221 310 022
		C12		60							351 020 012
28B-1	1 3/4" x 31 mm		65		38	45	17	40.0	16.0	18.0	221 310 023
		C12		60							351 020 012
32B-1	2" x 31 mm		70		38	45	20	44.6	16.0	20.0	221 310 024
		C12		60							351 020 012

Dimensions in mm. Separate ASA/JIS product catalogue available.



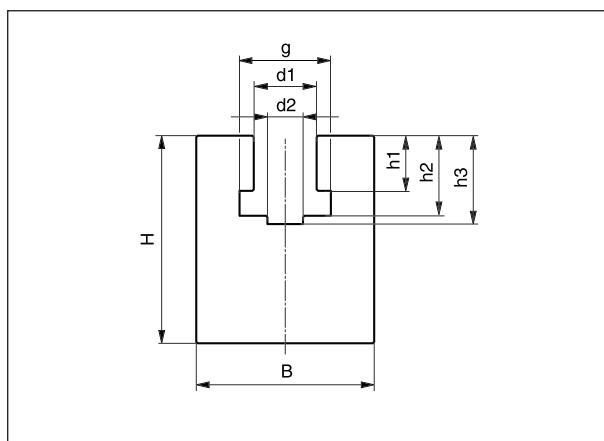
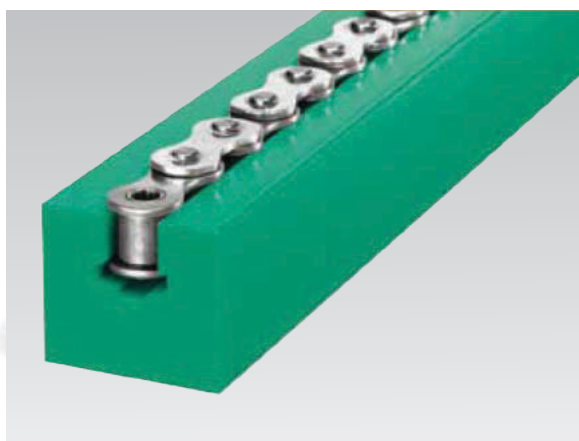
3 Transmissions

Type K



DIN8187 chain no.	Chain dimensions in inches	B	H	d1	d2	g	h1	h2	h3	Article no.
-	3/8" x 5/32"	20	25	6.6	4	9.4	3.6	7.0	8.0	221 110 026
06B-1	3/8" x 7/32"	20	25	6.6	4	9.4	5.5	8.9	10.0	221 110 027
08B-1	1/2" x 3/16"	20	25	8.0	5	10.8	4.5	8.0	9.5	221 110 028
08B-1	1/2" x 1/4"	24	30	8.0	5	11.8	6.2	9.8	11.3	221 110 029
g=12,8mm	1/2" x 1/4"	24	30	8.8	5	12.8	6.2	10.2	11.7	221 110 030
08B-1	1/2" x 5/16"	24	30	8.9	5	12.8	7.4	11.5	13.0	221 110 031
-	5/8" x 1/4"	30	30	10.6	6	15.4	6.2	10.2	11.6	221 110 032
10B-1	5/8" x 3/8"	30	35	10.6	6	15.4	9.3	13.5	14.9	221 110 033
12B-1	3/4" x 7/16"	40	35	12.4	7	17.0	11.3	15.9	17.5	221 110 034
16B-1	1" x 17 mm	40	45	16.4	10	24.0	16.0	25.7	27.7	221 110 035
20B-1	1 1/4" x 3/4"	50	50	20.0	11	28.0	18.0	29.5	31.7	221 110 036
24B-1	1 1/2" x 1"	60	60	27.0	16	36.6	24.0	38.2	41.2	221 110 037
28B-1	1 3/4" x 31 mm	60	70	30.0	17	41.0	30.0	47.0	49.0	221 110 038
32B-1	2" x 31 mm	70	75	31.0	19	44.6	30.0	47.3	50.0	221 110 039

Dimensions in mm. Separate ASA/JIS product catalogue available.



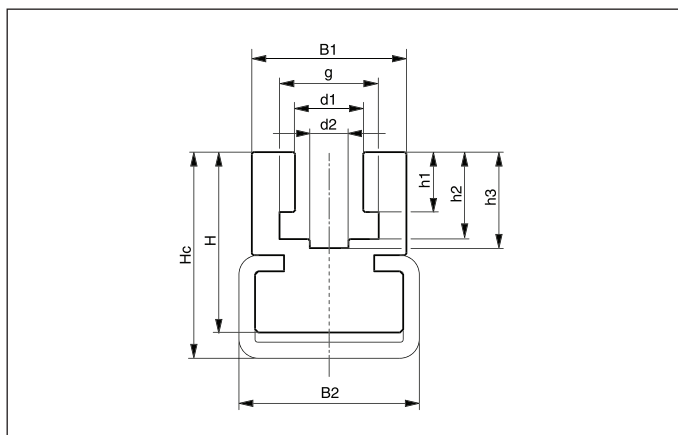
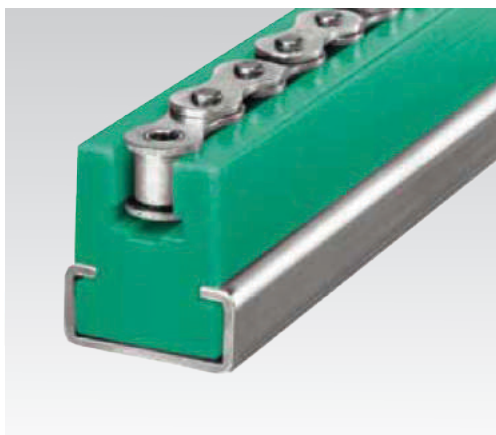
3 Transmissions

Type CK



DIN8187 chain no.	Chain dimensions in inches	C profile type 	B1	B2	H	Hc	d1	d2	g	h1	h2	h3	Article no.
-	3/8" x 5/32"	C3	20	20	18	21	6.6	4	9.4	3.6	7.0	8.0	221 310 025
													351 020 003
06B-1	3/8" x 7/32"	C3	20	20	18	21	6.6	4	9.4	5.5	8.9	10.0	221 310 026
													351 020 003
083-1	1/2" x 3/16"	C3	20	20	18	21	8.0	5	10.8	4.5	8.0	9.5	221 310 027
													351 020 003
085-1	1/2" x 1/4"	C7	24	28	28	32	8.0	5	11.8	6.2	9.8	11.3	221 310 028
													351 020 007
g=12,8mm	1/2" x 1/4"	C7	24	28	28	32	8.8	5	12.8	6.2	10.2	11.7	221 310 029
													351 020 007
08B-1	1/2" x 5/16"	C7	24	28	28	32	8.9	5	12.8	7.4	11.5	13.0	221 310 030
													351 020 007
-	5/8" x 1/4"	C7	24	28	28	32	10.6	6	15.4	6.2	10.2	11.6	221 310 031
													351 020 007
10B-1	5/8" x 3/8"	C7	24	28	28	32	10.6	6	15.4	9.3	13.5	14.9	221 310 032
													351 020 007
12B-1	3/4" x 7/16"	C9	32	38	35	43	12.4	7	17.0	11.3	15.9	17.5	221 310 033
													351 020 009
16B-1	1" x 17 mm	C9	40	38	45	50	16.4	10	24.0	16.0	25.7	27.7	221 310 034
													351 020 009
20B-1	1 1/4" x 3/4"	C12	60	60	50	55	20.0	11	28.0	18.0	29.5	31.7	221 310 035
													351 020 012
24B-1	1 1/2" x 1"	C12	60	60	60	65	27.0	16	36.6	24.0	38.2	41.2	221 310 036
													351 020 012
28B-1	1 3/4" x 31 mm	C12	70	60	75	80	30.0	17	40.0	30.0	47.0	49.0	221 310 037
													351 020 012
32B-1	2" x 31 mm	C12	70	60	75	80	31.0	19	44.6	30.0	47.3	50.0	221 310 038
													351 020 012

Dimensions in mm. Separate ASA/JIS product catalogue available.



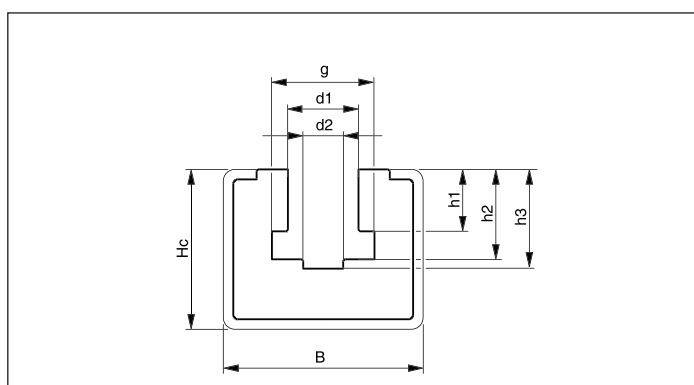
3 Transmissions

Type CKG



DIN 8187 chain no.	Chain dimensions in inches	C profile type 	B	Hc	d1	d2	g	h1	h2	h3	Article no.
-	3/8" x 5/32"		30	24	6.6	4	9.4	3.6	7.0	8.0	221 410 001
		C10									351 020 010
06B-1	3/8" x 7/32"		30	24	6.6	4	9.4	5.5	8.9	10.0	221 410 002
		C10									351 020 010
083-1	1/2" x 3/16"		30	24	8.0	5	10.8	4.5	8.0	9.5	221 410 003
		C10									351 020 010
085-1	1/2" x 1/4"		30	24	8.0	5	11.8	6.2	9.8	11.3	221 410 020
		C10									351 020 010
g=12,8mm	1/2" x 1/4"		30	24	8.8	5	12.8	6.2	10.2	11.7	221 410 021
		C10									351 020 010
08B-1	1/2" x 5/16"		30	24	8.9	5	12.8	7.4	11.5	13.0	221 410 004
		C10									351 020 010
-	5/8" x 1/4"		30	24	10.6	6	15.4	6.2	10.2	11.6	221 410 022
		C10									351 020 010
10B-1	5/8" x 3/8"		30	24	10.6	6	15.4	9.3	13.5	14.9	221 410 005
		C10									351 020 010
12B-1	3/4" x 7/16"		30	24	12.4	7	17.0	11.3	15.9	17.5	221 410 006
		C10									351 020 010
16B-1	1" x 17 mm		45	40	16.4	10	24.0	16.0	25.7	27.7	221 410 007
		C11									351 020 011
20B-1	1 1/4" x 3/4"		45	40	20.0	11	28.0	18.0	29.5	31.7	221 410 008
		C11									351 020 011
24B-1	1 1/2" x 1"		65	55	27.0	16	36.6	24.0	38.2	41.2	221 410 009
		C13									351 020 013
28B-1	1 3/4" x 31 mm		65	60	30.0	17	41.0	30.0	47.0	49.0	221 410 010
		C13									351 020 013
32B-1	2" x 31 mm		65	60	31.0	19	44.6	30.0	47.3	50.0	221 410 011
		C13									351 020 013

Dimensions in mm. Separate ASA/JIS product catalogue available.



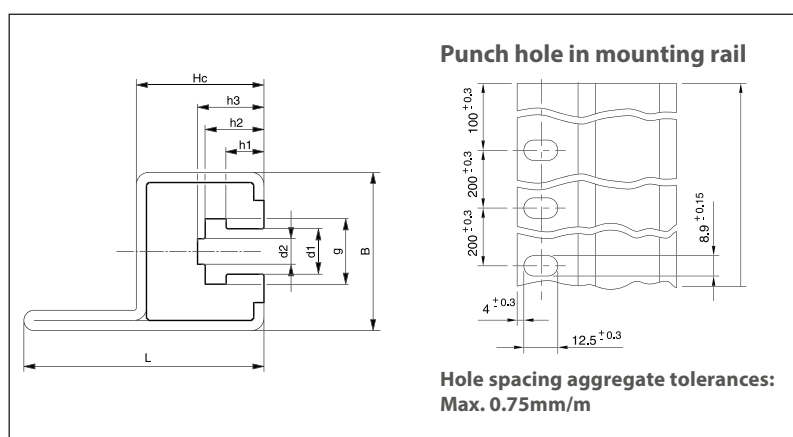
3 Transmissions

Type CKG 14H



DIN 8187 chain no.	Chain dimensions in inches	C profile type 	B	Hc	L	d1	d2	g	h1	h2	h3	Article no.
-	3/8" x 5/32"		31	25	47	6.6	4	9.4	3.6	7.0	8.0	221 410 001
		C14H										351 020 014
06B-1	3/8" x 7/32"		31	25	47	6.6	4	9.4	5.5	8.9	10.0	221 410 002
		C14H										351 020 014
083-1	1/2" x 3/16"		31	25	47	8.0	5	10.8	4.5	8.0	9.5	221 410 003
		C14H										351 020 014
085-1	1/2" x 1/4"		31	25	47	8.0	5	11.8	6.2	9.8	11.3	221 410 020
		C14H										351 020 014
g=12,8mm	1/2" x 1/4"		31	25	47	8.8	5	12.8	6.2	10.2	11.7	221 410 021
		C14H										351 020 014
08B-1	1/2" x 5/16"		31	25	47	8.9	5	12.8	7.4	11.5	13.0	221 410 004
		C14H										351 020 014
-	5/8" x 1/4"		31	25	47	10.6	6	15.4	6.2	10.2	11.6	221 410 022
		C14H										351 020 014
10B-1	5/8" x 3/8"		31	25	47	10.6	6	15.4	9.3	13.5	14.9	221 410 005
		C14H										351 020 014
12B-1	3/4" x 7/16"		31	25	47	12.4	7	17.0	11.3	15.9	17.5	221 410 006
		C14H										351 020 014

Dimensions in mm. Separate ASA/JIS product catalogue available.



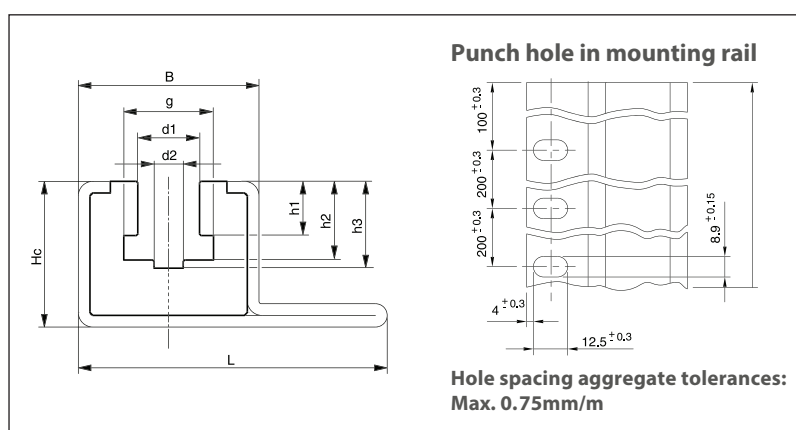
3 Transmissions

Type CKG 15V



DIN 8187 chain no.	Chain dimensions in inches	C profile type 	B	Hc	L	d1	d2	g	h1	h2	h3	Article no.
-	3/8" x 5/32"		31	25	53	6.6	4	9.4	3.6	7.0	8.0	221 410 001
		C15V										351 020 015
06B-1	3/8" x 7/32"		31	25	53	6.6	4	9.4	5.5	8.9	10.0	221 410 002
		C15V										351 020 015
083-1	1/2" x 3/16"		31	25	53	8.0	5	10.8	4.5	8.0	9.5	221 410 003
		C15V										351 020 015
085-1	1/2" x 1/4"		31	25	53	8.0	5	11.8	6.2	9.8	11.3	221 410 020
		C15V										351 020 015
g=12,8mm	1/2" x 1/4"		31	25	53	8.8	5	12.8	6.2	10.2	11.7	221 410 021
		C15V										351 020 015
08B-1	1/2" x 5/16"		31	25	53	8.9	5	12.8	7.4	11.5	13.0	221 410 004
		C15V										351 020 015
-	5/8" x 1/4"		31	25	53	10.6	6	15.4	6.2	10.2	11.6	221 410 022
		C15V										351 020 015
10B-1	5/8" x 3/8"		31	25	53	10.6	6	15.4	9.3	13.5	14.9	221 410 005
		C15V										351 020 015
12B-1	3/4" x 7/16"		31	25	53	12.4	7	17.0	11.3	15.9	17.5	221 410 006
		C15V										351 020 015

Dimensions in mm. Separate ASA/JIS product catalogue available.



3 Transmissions

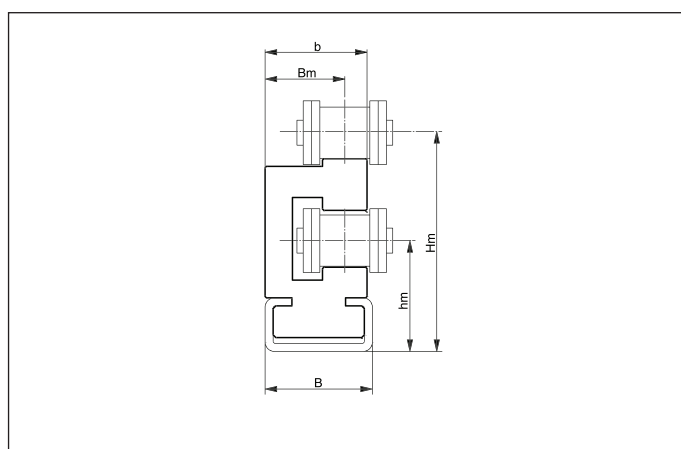
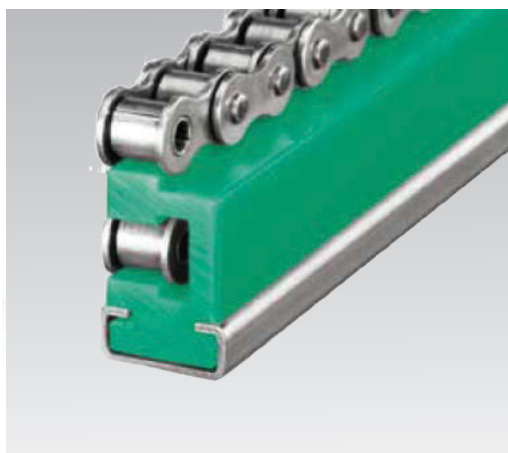
Double-Decker Guides for Roller Chains as per DIN8187

Type ETA



DIN8187 chain no.	Chain dimensions in inches	C profile type 	B	Hm	b	Bm	hm	Article no.
06B-1	3/8" x 7/32"	C3	20	30.2	17	14.5	17	221 310 039
								351 020 003
08B-1	1/2" x 5/16"	C3	20	33.8	20	16.5	18	221 310 040
								351 020 003
10B-1	5/8" x 3/8"	C3	20	41.1	20	15.5	21	221 310 041
								351 020 003
12B-1	3/4" x 7/16"	C5	28	46.5	24	18.5	24	221 310 042
								351 020 005
16B-1	1" x 17 mm	C9	38	62.0	33	25.0	34	221 310 043
								351 020 009

Dimensions in mm. Separate ASA/JIS product catalogue available.



3 Transmissions

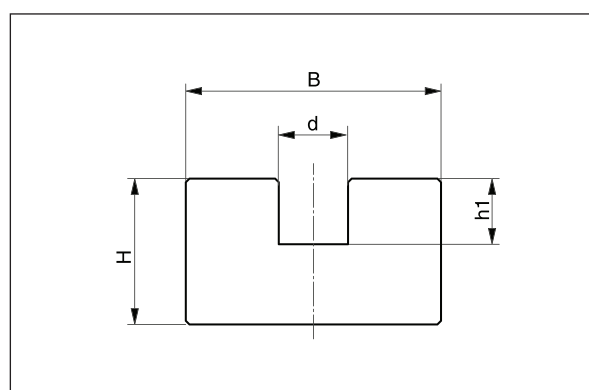
Chain Guides for Round Link Chains as per DIN 766/764

Type R



		H	d	h1	Article no.
6	30	15	7.0	7	231 010 001
8	38	20	9.0	9	231 010 002
10	45	25	11.5	11	231 010 003
13	55	30	15.0	15	231 010 004

Dimensions in mm.

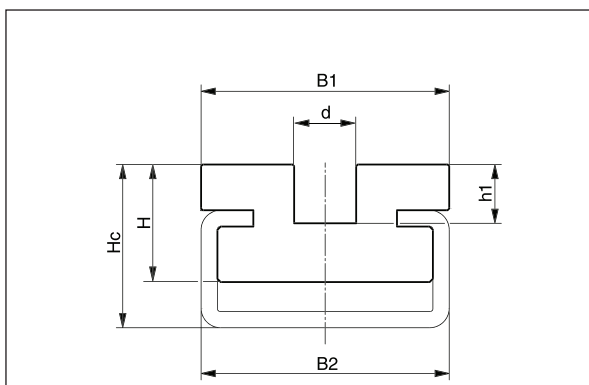


Type CRU



Nominal thickness d, DIN 766/764	C profile type 	B1	B2	H	Hc	d	h1	Article no.
6		30		14	18	7.0	7	231 110 005
	C5		28					351 020 005
8		38		18	25	9.5	9	231 110 006
	C9		38					351 020 009
10		45		18	28	11.5	11	231 110 007
	C9		38					351 020 009
13		60		25	33	15.0	15	231 110 008
	C12		60					351 020 012

Dimensions in mm. For round link chains that do not comply with DIN 766 or DIN 764, please specify dimensions.



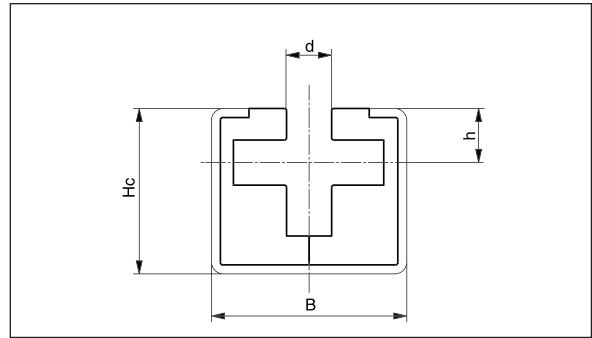
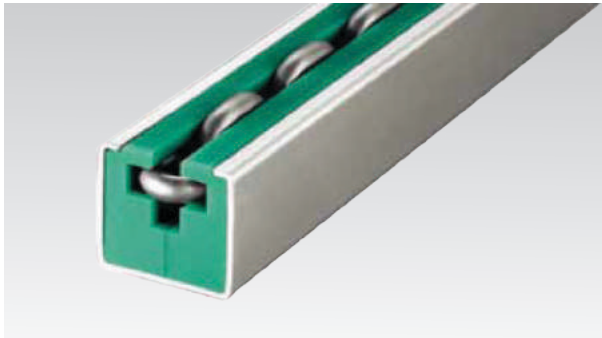
3 Transmissions

Type CRG



Nominal thickness d, DIN 766/764	C profile type 	B	Hc	d	h	Article no.
6	C11	45	40	7.0	8.0	231 110 009
						351 020 011
8	C11	45	40	9.5	9.5	231 110 010
						351 020 011
10	C13	65	55	11.5	14.0	231 110 011
						351 020 013
13	C13	65	55	15.0	18.0	231 110 012
						351 020 013

Dimensions in mm.

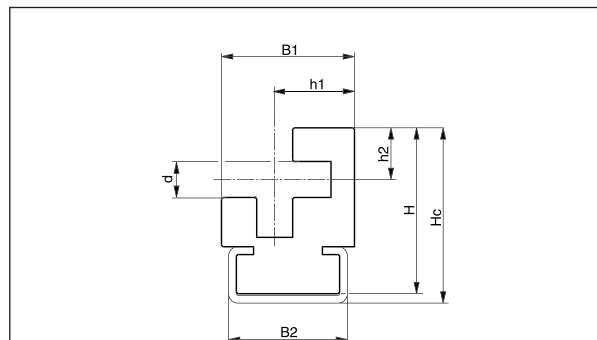


Type CRO



Nominal thickness d, DIN 766/764	C profile type 	B1	B2	H	Hc	d	h1	h2	Article no.
6	C3	27.0	20	32	34	7.0	17.5	10.5	231 110 001
									351 020 003
8	C5	32.0	28	39	42	9.5	20.5	12.5	231 110 002
									351 020 005
10	C9	42.5	38	53	56	11.5	25.5	16.5	231 110 003
									351 020 009
13	C12	60.0	60	67	70	15.0	33.5	20.5	231 110 004
									351 020 012

Dimensions in mm. For round link chains that do not comply with DIN 766 or DIN 764, please specify dimensions.



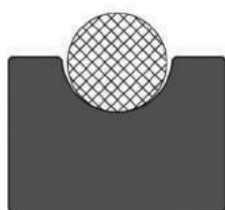
3 Transmissions

Overview of Belt Guides

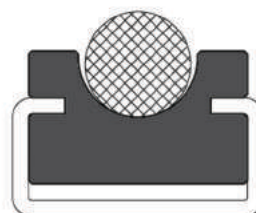
Plastic instead of metal

Belt guides made of metal cause a great deal of friction on the belt. By choosing a belt guide made of Material "S"[®]Black Antistatic, you considerably reduce this wear. In addition, you save on drive energy thanks to the reduced static friction. Material "S"[®]Black Antistatic is suitable for use for round belts, V-belts, tooth belts and tracked tooth belts.

For round belts



Type RR - p.121

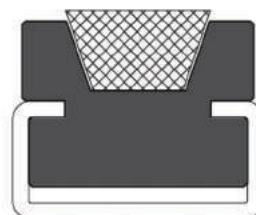


Type RRC - p.121

For V-belts as per DIN 2215

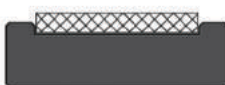


Type KR - p.122

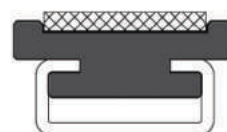


Type KRC - p.123

For tooth belts



Type FR - p.124

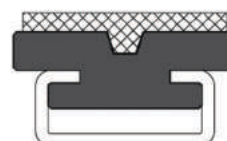


Type FRC - p.124

For tracked tooth belts



Type FK - p.125



Type FKC - p.125

3 Transmissions

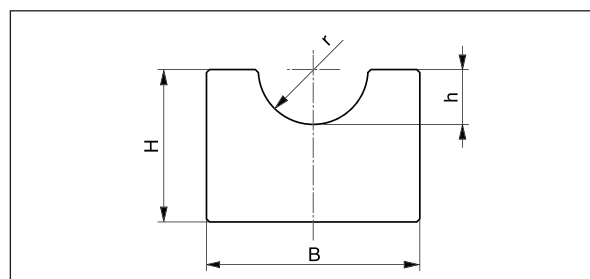
Guides for Round Belts

Type RR



Belt type / Ø	B	H	h	r	Article no.
5.0	20	10	3	3	231 010 027
6.3	20	10	4	4	231 010 028
8.0	20	12	5	5	231 010 029
9.5	25	15	6	6	231 010 030
12.5	28	20	8	7	231 010 031
15.0	33	25	10	9	231 010 032
18.0	38	25	12	10	231 010 033

Dimensions in mm.

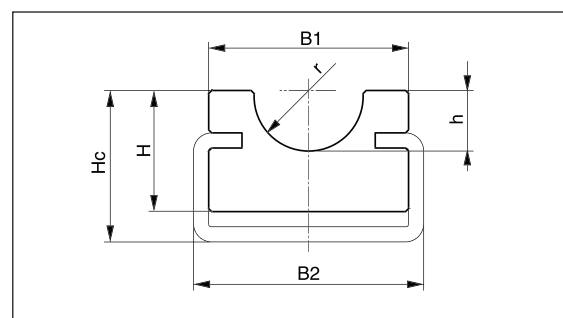


Type RRC



	C profile type	B1	B2	H	Hc	h	r	Article no.
5.0		20		10	15	3	3	231 110 035
	C3		20					351 020 003
6.3		20		15	18	4	4	231 110 036
	C3		20					351 020 003
8.0		20		15	18	5	5	231 110 037
	C3		20					351 020 003
9.5		25		15	20	6	6	231 110 038
	C5		28					351 020 005
12.5		28		15	20	8	7	231 110 039
	C5		28					351 020 005
15.0		33		20	25	10	9	231 110 040
	C9		38					351 020 009
18.0		38		20	25	12	10	231 110 041
	C9		38					351 020 009

Dimensions in mm.



3 Transmissions

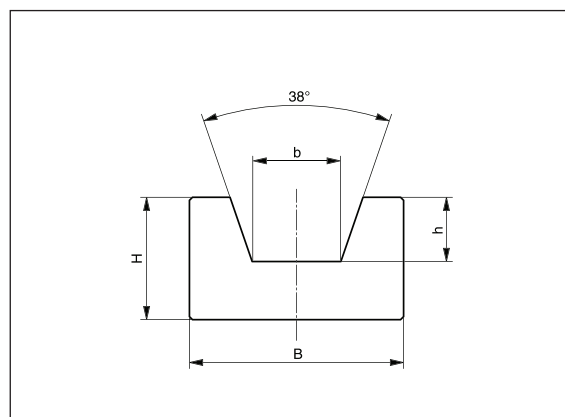
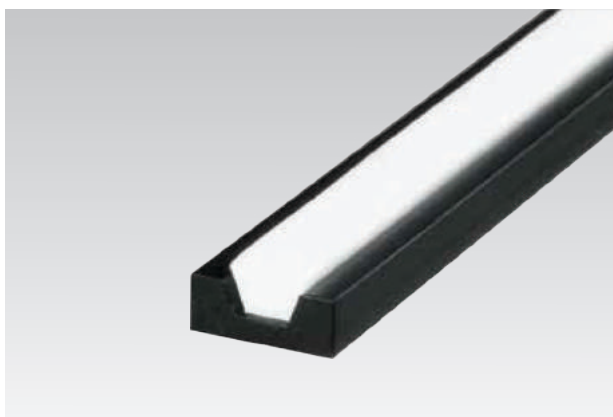
Guides for V-Belts as per DIN 2215

Type KR



Belt type / b x h	B	H	b	h	Article no.
8 x 5	20	10	6.0	3.5	231 010 005
10 x 6	20	10	7.2	4.5	231 010 006
13 x 8	20	12	9.2	6.0	231 010 007
17 x 11	30	15	11.5	8.0	231 010 008
20 x 12.5	30	20	13.5	9.0	231 010 009
22 x 14	35	20	14.5	10.5	231 010 010
25 x 16	40	25	16.5	12.0	231 010 011
32 x 20	50	30	21.0	16.0	231 010 012
40 x 25	60	35	26.0	21.0	231 010 013

Dimensions in mm.



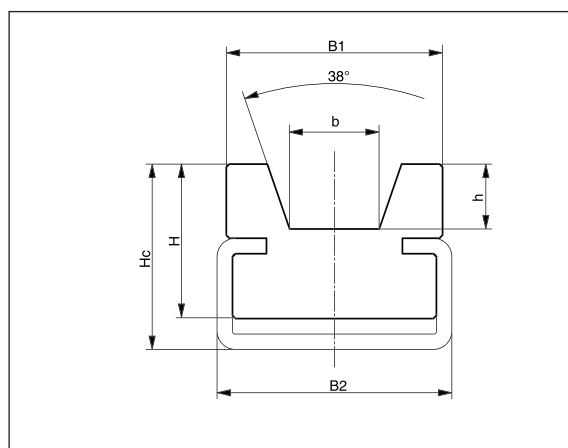
3 Transmissions

Type KRC



Belt type/b x h	C profile type	B1	B2	H	Hc	b	h	Article no.
8 x 5	C3	20		10	15	6.0	3.5	231 110 013
			20					351 020 003
10 x 6	C3	20		15	18	7.2	4.5	231 110 014
			20					351 020 003
13 x 8	C5	25		18	22	9.2	6.0	231 110 015
			28					351 020 005
17 x 11	C5	30		18	24	11.5	8.0	231 110 016
			28					351 020 005
20 x 12.5	C5	30		18	24	13.5	9.0	231 110 017
			28					351 020 005
22 x 14	C9	35		25	30	14.5	10.5	231 110 018
			38					351 020 009
25 x 16	C9	40		25	32	16.5	12.0	231 110 019
			38					351 020 009
32 x 20	C12	60		35	40	21.0	16.0	231 110 020
			60					351 020 012
40 x 25	C12	60		35	40	26.0	21.0	231 110 021
			60					351 020 012

Dimensions in mm.



3 Transmissions

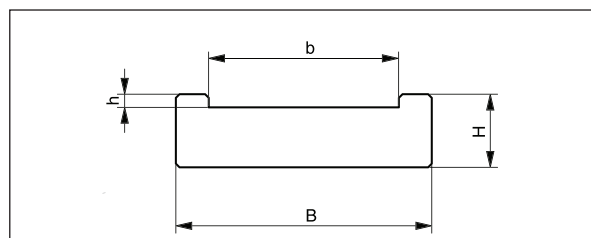
Guides for Tooth Belts

Type FR



Belt type	B	H	b	h	Article no.
25/T5	35	10	26	1.8	231 010 014
32/T5	45	12	33	1.8	231 010 015
25/T10	35	12	26	3.8	231 010 016
32/T10	45	12	33	3.8	231 010 017
50/T10	65	15	51	3.8	231 010 018
75/T10	90	15	76	3.8	231 010 019
100/T10	115	18	101	3.8	231 010 020

Dimensions in mm.

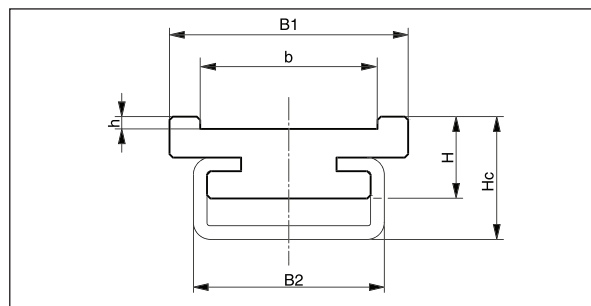


Type FRC



Belt type		B1	B2	H	Hc	b	h	Article no.
25/T5		35		12	18	26	1.8	231 110 022
	C5		28					351 020 005
32/T5		45		12	18	33	1.8	231 110 023
	C5		28					351 020 005
25/T10		35		15	20	26	3.8	231 110 024
	C5		28					351 020 005
32/T10		45		15	20	33	3.8	231 110 025
	C5		28					351 020 005
50/T10		65		18	20	51	3.8	231 110 026
	C4		50					351 020 004
75/T10		90		18	20	76	3.8	231 110 027
	C6		80					351 020 006
100/T10		115		18	20	101	3.8	231 110 028
	C6		80					351 020 006

Dimensions in mm.



3 Transmissions

Guides for Tracked Tooth Belts

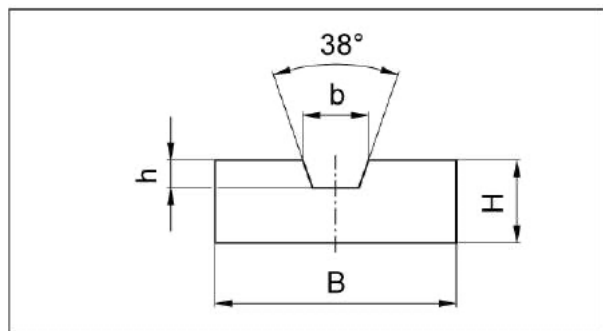
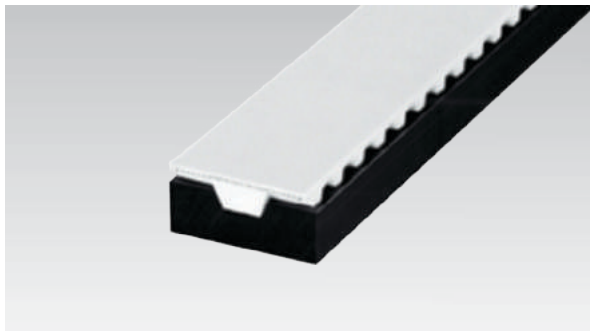
Type FK



Belt type	B	H	b	h	Article no.
25/TK5	28	10	6.0	3.5	231 010 021
32/TK5	35	10	6.0	3.5	231 010 022
32/TK10*	35	12	9.5	4.0	231 010 023
50/TK10*	55	12	9.5	4.0	231 010 024
75/TK10	80	15	13.0	5.0	231 010 025
100/TK 10	105	15	13.0	5.0	231 010 026

Dimensions in mm.

* Standard for V-profile 10 x 6; specify any deviations!



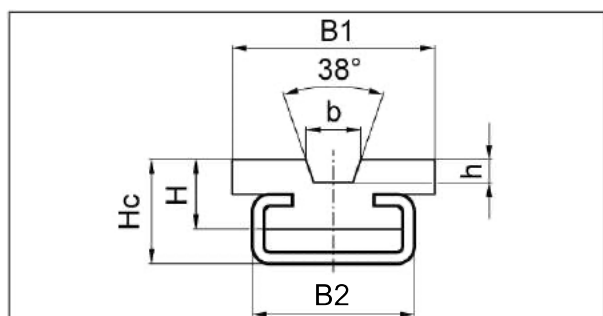
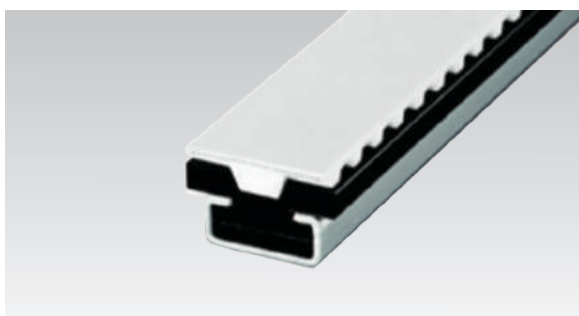
Type FKc



Belt type	C profile type	B1	B2	H	Hc	b	h	Article no.
25/TK 5		28		12	18	6.0	3.5	231 110 029
	C5		28					351 020 005
32/TK 5		35		12	18	6.0	3.5	231 110 030
	C5		28					351 020 005
32/TK10*		35		12	18	9.5	4.0	231 110 031
	C5		28					351 020 005
50/TK10*		55		15	18	9.5	4.0	231 110 032
	C4		50					351 020 004
75/TK10		80		15	18	13.0	5.0	231 110 033
	C6		80					351 020 006
100/TK10		105		15	18	13.0	5.0	231 110 034
	C6		80					351 020 006

Dimensions in mm.

* Standard for V-profile 10 x 6; specify any deviations!



3 Transmissions

Rail Guides

As insertion and clip profiles

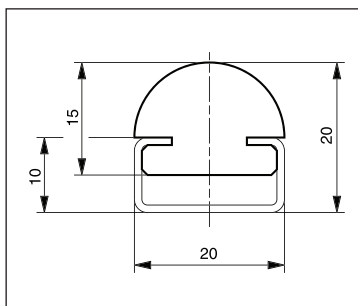
Here, we present a small selection of our wide range of profiles for exemplary purposes. For our full range, see www.murtfeldt.com.



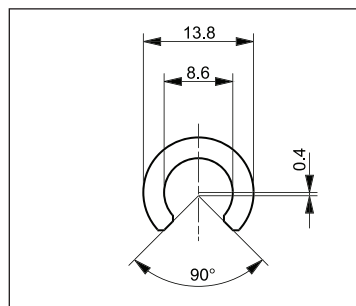
Rail profile	Delivery for	Delivery length in m	Production method	Original Material "S"	Article no.
	profile	2000	milled	green	211 210 001
	C3	2000			351 020 003
Mushroom profile	profile	2000	milled	black antistatic	211 210 002
HR 2020	C3	2000			351 020 003
	profile	2000	extruded	green	211 210 003
	C3	2000			351 020 003

* For milled profiles. Tolerances as per DIN 16941 for extruded profiles.

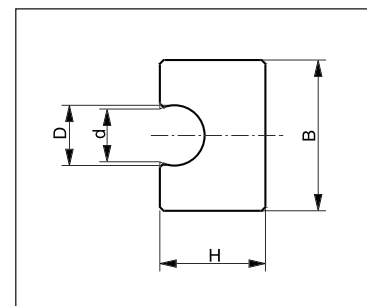
Mushroom profile HR 2020



Snap on 9.5



Square clip-on guides



3 Transmissions

Bands



Murtfeldt plastic bands are ideally suited for transporting sensitive goods. They are available in three standard sizes. Intermediate and special dimensions are available on request.

We are happy to advise you on the correct choice of band. Please contact us.



Design

Either in Original Material "S"® Green or Original Material "S"® Black Antistatic.
On request: Pre-treatment in the form of scraping and flaming on one side for later adhesion.

Special designs

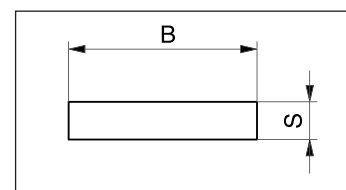
6, 8 and 10mm in widths of between 10 and 60mm.

Applications

Beverage, packaging, food, and frozen food sectors.

Special properties

- Extremely good wear resistance.
- High shock and impact resistance.



Bands made from Original Material "S"®

Width (B) x thickness (S)	Article no.
15 x 3	171 010 007
18 x 3	171 010 008
20 x 3	171 010 009
22 x 3	171 010 010
25 x 3	171 010 011
30 x 3	171 010 012
35 x 3	171 010 013
40 x 3	171 010 014
45 x 3	171 010 016
50 x 3	171 010 017
60 x 3	171 010 019
70 x 3	171 010 020
80 x 3	171 010 021
90 x 3	171 010 023
100 x 3	171 010 024
111 x 3	171 010 025

Width (B) x thickness (S)	Article no.
20 x 4	171 010 026
25 x 4	171 010 027
30 x 4	171 010 028
40 x 4	171 010 030
50 x 4	171 010 032

Width (B) x thickness (S)	Article no.
15 x 5	171 010 034
18 x 5	171 010 035
20 x 5	171 010 036
22 x 5	171 010 037
25 x 5	171 010 038
30 x 5	171 010 039
35 x 5	171 010 040
40 x 5	171 010 041
45 x 5	171 010 042
50 x 5	171 010 043
60 x 5	171 010 044

* Tolerances: Thickness +/- 0,1 width +/- 0,5 roll length on request.

3 Transmissions

Chain and belt monitors

If a chain has excessive elongation or a break, critical damage can occur. Our chain and belt monitors track the production process and trigger the automatic shutdown of the machine if malfunctions occur. For this purpose, a mechanical limit switch or contact-free inductive switch is integrated into your chain or belt tensioner.

Both individual and reliable

Switch design requirements can vary greatly. Please contact us for more information. We will design the best solution for your requirements.

Inductive switches for Spann-Box[®]

Alternatively, a contact-free inductive switch can be used. This makes sense if there is a risk of explosion or contamination. Concerns about wear might also result in the use of an inductive switch. Inductive switches can be used for Spann-Box[®] size 1 and 2. Special models and designs in stainless steel are available on request.

