Rodamientos y Componentes, S.L.

RODYCO - Mirasierra 31 Pol.Ind.Valmor 28343 VALDEMORO, MADRID

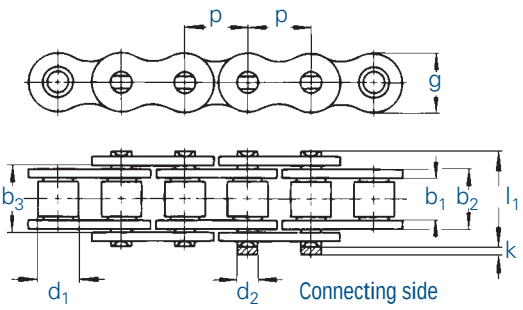
Tel.91.875.23.16 Fax 91.808.54.00 info@rodamientos-rodyco.es

CATÁLOGO

WIPPERMANN

SIMPLEX ROLLER CHAINS ACCORDING TO DIN 8187-1 (EUROPEAN TYPE)

corresponding to ISO 606



Chain		DIN	Pitch		Inner width	Inner link width	Outer plate width	Roller Ø	Pin Ø	Plate height	Projection over connecting link	Width over pin	Bearing area	Minimum tensile strength DIN	Minimum tensile strength	Weight	Connecting links
			p		b_1 min.	b_2 max.	b_3 min.	d_1 max.	d_2 max.	g max.	k max.	l_1 max.	f	F_B min.	F_B min.	q ≈	
No.	Ind.	No.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	cm^2	kN	kN	kg/m	No.
440		03	5,0	-	2,50	4,15	4,25	3,20	1,49	4,1	2,5	7,4	0,06	2,2	2,2	0,08	11,15
445		04	6,0	-	2,80	4,10	4,20	4,00	1,85	5,0	2,9	7,4	0,08	3,0	3,0	0,15	11,15
450		05 B-1	8,0	-	3,00	4,77	4,90	5,00	2,31	7,1	3,1	8,6	0,11	5,0	5,5	0,18	11,15
453		-	9,525	3/8	3,30	5,45	5,58	6,00	2,78	9,0	3,1	9,6	0,15	8,0	8,2	0,26	11,15,111
454		-	9,525	3/8	3,94	6,70	6,83	6,35	3,28	9,0	3,3	11,6	0,22	9,0	9,4	0,36	11,12,15
455	[1]	06 B-1	9,525	3/8	5,72	8,53	8,66	6,35	3,28	8,2	3,3	13,5	0,28	9,0	9,6	0,41	11,12,15
331		081	12,7	1/2	3,30	5,80	5,93	7,75	3,66	9,9	1,5	10,2	0,21	8,2	9,1	0,28	11,12,15
332		-	12,7	1/2	4,88	7,20	7,33	7,75	3,66	9,9	1,5	11,2	0,26	8,2	9,1	0,33	11,12,15
110		082	12,7	1/2	2,38	4,60	4,73	7,75	3,66	9,9	-	8,2	0,17	10,0	10,0	0,26	15,111
17		083	12,7	1/2	4,88	7,90	8,03	7,75	4,09	10,3	1,5	12,9	0,32	12,0	13,2	0,42	11,12,15
385		-	12,7	1/2	6,40	9,78	9,91	7,75	3,97	11,5	3,9	15,4	0,38	16,0	17,1	0,50	11,12,15
461		-	12,7	1/2	6,40	9,93	10,06	8,51	4,45	11,8	3,9	15,8	0,44	18,0	18,6	0,66	11,12,15
462		08 B-1	12,7	1/2	7,75	11,30	11,43	8,51	4,45	11,8	3,9	17,0	0,50	18,0	18,6	0,70	11,12,15
500		-	15,875	5/8	6,48	10,08	10,21	10,16	5,08	14,7	4,1	16,4	0,51	22,4	27,5	0,78	11,12,15
501		10 B-1	15,875	5/8	9,65	13,28	13,41	10,16	5,08	14,7	4,1	19,6	0,67	22,4	27,0	0,91	11,12,15
513		12 B-1	19,05	3/4	11,68	15,62	15,75	12,07	5,72	16,1	4,6	22,7	0,89	29,0	31,0	1,18	11,12,15
548		16 B-1	25,4	1	17,02	25,40	25,60	15,88	8,28	21,0	5,4	36,1	2,10	60,0	72,0	2,68	11,111,12
552		-	30,0	-	17,02	25,40	25,60	15,88	8,28	21,0	5,4	36,1	2,10	60,0	72,0	2,50	11,111,12
563		20 B-1	31,75	1 1/4	19,56	29,00	29,20	19,05	10,19	26,4	6,1	43,2	2,96	95,0	105,0	3,50	11,111,12
596		24 B-1	38,1	1 1/2	25,40	37,90	38,20	25,40	14,63	33,4	6,6	53,4	5,54	160,0	180,0	6,80	111,12
613		28 B-1	44,45	1 3/4	30,99	46,50	46,80	27,94	15,90	37,0	7,4	65,1	7,39	200,0	230,0	8,50	111,12
652		32 B-1	50,8	2	30,99	45,50	45,80	29,21	17,81	42,2	7,9	67,4	8,10	250,0	276,0	10,50	111,12
671		40 B-1	63,5	2 1/2	38,10	55,70	56,00	39,37	22,89	52,9	10,0	82,6	12,75	355,0	405,0	16,40	111,12
679		48 B-1	76,2	3	45,72	70,50	71,00	48,26	29,24	63,8	10,0	99,1	20,61	560,0	630,0	25,00	111

Electrogalvanised or nickel-plated chains on request. In this case chains may only have 80 % of the tensile strength.

[1] with straight side plates

For details on orders and enquiries see page 128. Standard sprockets as of page 75.
Information on the selection of chain sizes and drives as of page 115.

Connecting links: According to DIN (...)

No. 4 (B)

Inner link

No. 7 (A)

Outer link
(to be riveted)

No. 11 (E)

Spring clip
connecting link

No. 111 (S)

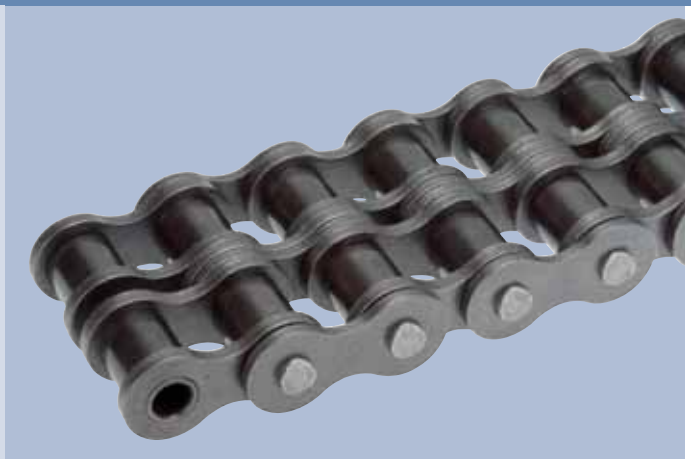
Connecting link with
cottered pin

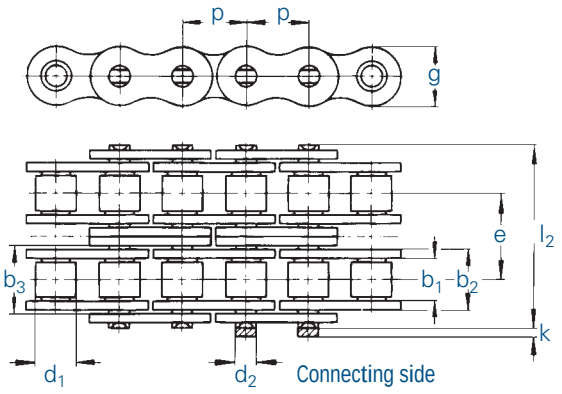
No. 12 (L)

Single
cranked link

No. 15 (C)

Double
cranked link





Chain		DIN	Pitch		Inner width	Inner link width	Outer plate width	Roller Ø	Pin Ø	Transverse pitch	Plate height	Projection over connecting link	Width over pin	Bearing area	Minimum tensile strength DIN	Minimum tensile strength	Weight	Connecting links
			p		b_1 min.	b_2 max.	b_3 min.	d_1 max.	d_2 max.	e	g max.	k max.	l_2 max.	f	F_B min.	F_B min.	q ≈	
No.	Ind.	No.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm^2	kN	kN	kg/m	No.
D 445		-	6,0	-	2,80	4,10	4,25	4,00	1,85	5,50	5,0	2,9	13,3	0,14	5,0	5,0	0,23	11,15
D 450		05 B-2	8,0	-	3,00	4,77	4,90	5,00	2,31	5,64	7,1	3,1	14,3	0,22	7,8	8,2	0,36	11,15
D 455	[1]	06 B-2	9,525	⅜	5,72	8,53	8,66	6,35	3,28	10,24	8,2	3,3	23,8	0,56	16,9	17,4	0,78	11,12,15
D 462		08 B-2	12,7	½	7,75	11,30	11,43	8,51	4,45	13,92	11,8	3,9	31,0	1,01	32,0	37,0	1,36	11,12,15
D 501		10 B-2	15,875	⅝	9,65	13,28	13,41	10,16	5,08	16,59	14,7	4,1	36,2	1,34	44,5	54,0	1,82	11,12,15
D 513		12 B-2	19,05	¾	11,68	15,62	15,75	12,07	5,72	19,46	16,1	4,6	42,2	1,79	57,8	63,0	2,38	11,12,15
D 548		16 B-2	25,4	1	17,02	25,40	25,60	15,88	8,28	31,88	21,0	5,4	68,0	4,21	106,0	140,0	5,30	11,111,12
D 563		20 B-2	31,75	1 ¼	19,56	29,00	29,20	19,05	10,19	36,45	26,4	6,1	79,0	5,91	170,0	210,0	7,30	11,111,12
D 596		24 B-2	38,1	1 ½	25,40	37,90	38,20	25,40	14,63	48,36	33,4	6,6	101,0	11,09	280,0	360,0	13,40	111,12
D 613		28 B-2	44,45	1 ¾	30,99	46,50	46,80	27,94	15,90	59,56	37,0	7,4	124,0	14,79	360,0	443,0	16,60	111,12
D 652		32 B-2	50,8	2	30,99	45,50	45,80	29,21	17,81	58,55	42,2	7,9	126,0	16,21	450,0	530,0	21,00	111,12
D 671		40 B-2	63,5	2 ½	38,10	55,70	56,00	39,37	22,89	72,29	52,9	10,0	154,0	25,50	630,0	806,0	32,60	111,12
D 679		48 B-2	76,2	3	45,72	70,50	71,00	48,26	29,24	91,21	63,8	10,0	190,0	41,23	1000,0	1100,0	50,00	111

Electrogalvanised or nickel-plated chains on request. In this case chains may only have 80 % of the tensile strength.

[1] with straight side plates

For details on orders and enquiries see page 128. Standard sprockets as of page 75.
Information on the selection of chain sizes and drives as of page 115.

Connecting links: According to DIN (...)

No. 4 (B)

Inner link

No. 7 (A)

Outer link
(to be riveted)

No. 11 (E)

Spring clip
connecting link

No. 111 (S)

Connecting link with
cottered pin

No. 12 (L)

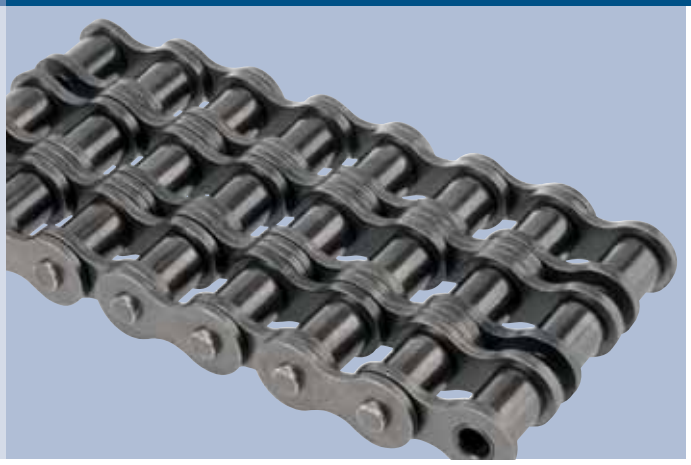
Single
cranked link

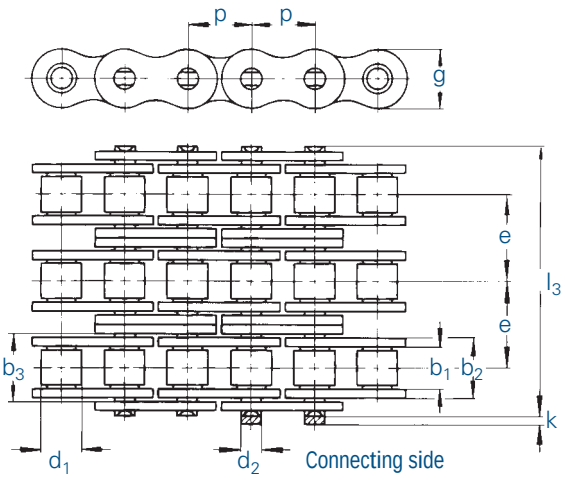
No. 15 (C)

Double
cranked link

TRIPLEX ROLLER CHAINS ACCORDING TO DIN 8187-1 (EUROPEAN TYPE)

corresponding to ISO 606





Chain		DIN	Pitch		Inner width	Inner link width	Outer plate width	Roller Ø	Pin Ø	Transverse pitch	Plate height	Projection over connecting link	Width over pin	Bearing area	Minimum tensile strength DIN	Minimum tensile strength	Weight	Connecting links
			p		b_1 min.	b_2 max.	b_3 min.	d_1 max.	d_2 max.	e	g max.	k max.	l_3 max.	f	F_B min.	F_B min.	q ≈	
No.	Ind.	No.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm^2	kN	kN	kg/m	No.
T 450		05 B-3	8,0	-	3,00	4,77	4,90	5,00	2,31	5,64	7,1	3,1	19,9	0,33	11,1	11,1	0,54	11,15
T 455	1	06 B-3	9,525	⅜	5,72	8,53	8,66	6,35	3,28	10,24	8,2	3,3	34,0	0,81	24,9	24,9	1,18	11,12,15
T 462		08 B-3	12,7	½	7,75	11,30	11,43	8,51	4,45	13,92	11,8	3,9	44,9	1,51	47,5	56,0	2,01	11,12,15
T 501		10 B-3	15,875	⅝	9,65	13,28	13,41	10,16	5,08	16,59	14,7	4,1	52,8	2,02	66,7	80,0	2,70	11,12,15
T 513		12 B-3	19,05	¾	11,68	15,62	15,75	12,07	5,72	19,46	16,1	4,6	61,7	2,68	86,7	94,0	3,12	11,12,15
T 548		16 B-3	25,4	1	17,02	25,40	25,60	15,88	8,28	31,88	21,0	5,4	99,9	6,31	160,0	211,0	7,50	11,111,12
T 563		20 B-3	31,75	1 ¼	19,56	29,00	29,20	19,05	10,19	36,45	26,4	6,1	116,0	8,87	250,0	300,0	10,60	11,111,12
T 596		24 B-3	38,1	1 ½	25,40	37,90	38,20	25,40	14,63	48,36	33,4	6,6	150,0	16,63	425,0	523,0	20,00	111,12
T 613		28 B-3	44,45	1 ¾	30,99	46,50	46,80	27,94	15,90	59,56	37,0	7,4	184,0	22,18	530,0	660,0	25,00	111,12
T 652		32 B-3	50,8	2	30,99	45,50	45,80	29,21	17,81	58,55	42,2	7,9	184,0	24,31	670,0	800,0	32,00	111,12
T 671		40 B-3	63,5	2 ½	38,10	55,70	56,00	39,37	22,89	72,29	52,9	10,0	227,0	38,25	950,0	1140,0	48,70	111,12
T 679		48 B-3	76,2	3	45,72	70,50	71,00	48,26	29,24	91,21	63,8	10,0	281,0	61,84	1500,0	1720,0	75,00	111

Electrogalvanised or nickel-plated chains on request. In this case chains may only have 80 % of the tensile strength.

[1] with straight side plates

For details on orders and enquiries see page 128. Standard sprockets as of page 75.
Information on the selection of chain sizes and drives as of page 115.

Connecting links: According to DIN (...)

No. 4 (B)

Inner link

No. 7 (A)

Outer link
(to be riveted)

No. 11 (E)

Spring clip
connecting link

No 111 (S)

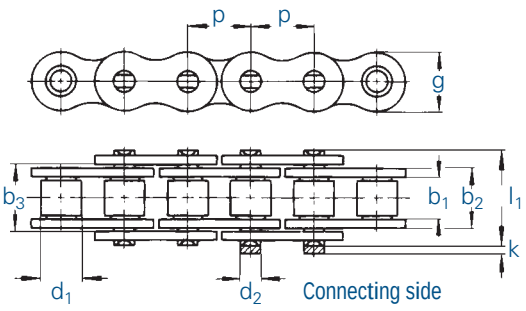
Connecting link with
cottered pin

No. 12 (L)

Single
cranked link

No. 15 (C)

Double
cranked link



Chain		DIN	Pitch		Inner width	Inner link width	Outer plate width	Roller Ø	Pin Ø	Plate height	Projection over connecting link	Width over pin	Bearing area	Minimum tensile strength DIN	Minimum tensile strength	Weight	Connecting links
			p		b_1 min.	b_2 max.	b_3 min.	d_1 max.	d_2 max.	g max.	k max.	l_1 max.	f	F_B min.	F_B min.	q ≈	
No.	Ind.	No.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	cm^2	kN	kN	kg/m	No.
25	[2]	04 C-1	6,35	¼	3,18	4,80	4,85	3,30	2,31	6,0	2,5	9,0	0,11	3,5	3,5	0,13	11,15
35	[2]	06 C-1	9,525	⅜	4,68	7,47	7,52	5,08	3,58	9,1	3,3	13,2	0,27	7,9	10,2	0,35	11,12,15
40		08 A-1	12,7	½	7,85	11,15	11,28	7,95	3,96	12,0	3,9	17,8	0,44	14,1	16,5	0,60	11,12,15
50		10 A-1	15,875	⅝	9,40	13,80	13,93	10,16	5,08	15,0	4,1	21,8	0,70	22,2	30,0	1,01	11,12,15
60	[9]	12 A-1	19,05	¾	12,57	17,70	17,85	11,91	5,94	18,0	4,6	26,9	1,05	31,8	40,0	1,58	11,111,12,15
80	[9]	16 A-1	25,4	1	15,75	22,50	22,70	15,88	7,92	24,1	5,4	33,5	1,78	56,7	69,0	2,36	11,111,12
100	[9]	20 A-1	31,75	1 ¼	18,90	27,40	27,60	19,05	9,53	30,1	6,1	41,1	2,61	88,5	92,5	3,80	111,12
120	[9]	24 A-1	38,1	1 ½	25,22	35,30	35,60	22,23	11,10	36,2	6,6	50,8	3,92	127,0	139,0	5,40	111,12
140	[9]	28 A-1	44,45	1 ¾	25,22	37,00	37,30	25,40	12,70	42,2	7,4	54,9	4,70	172,4	178,5	7,30	111,12
160	[9]	32 A-1	50,8	2	31,55	45,00	45,30	28,58	14,27	48,2	7,9	65,5	6,42	226,8	231,0	9,90	111,12
200	[9]	40 A-1	63,5	2 ½	37,85	54,70	55,00	39,68	19,84	60,3	10,0	80,3	10,85	353,8	387,0	16,50	111,12

Heavy duty design with reinforced side plates and enlarged bearing areas

50 H		-	15,875	⅝	9,40	14,60	14,73	10,16	5,08	15,0	4,1	23,4	0,75	22,2	32,0	1,18	11
60 H	[9]	-	19,05	¾	12,57	19,45	19,60	11,91	5,94	18,0	4,6	28,9	1,16	31,8	42,0	1,94	11
80 H	[9]	-	25,4	1	15,75	24,28	24,48	15,88	7,92	24,1	5,4	37,0	1,92	56,7	72,0	3,04	111
100 H	[9]	-	31,75	1 ¼	18,90	29,10	29,30	19,05	9,53	30,1	6,1	44,0	2,77	88,5	96,0	4,25	111
120 H	[9]	-	38,1	1 ½	25,22	37,00	37,30	22,23	11,10	36,2	6,6	54,0	4,13	127,0	141,0	6,40	111
140 H	[9]	-	44,45	1 ¾	25,22	38,70	39,00	25,40	12,70	42,2	7,4	58,0	4,94	172,4	180,0	8,30	111
160 H	[9]	-	50,8	2	31,55	46,90	47,20	28,58	14,27	48,2	7,9	68,0	6,70	226,8	233,0	11,50	111
200 H	[9]	-	63,5	2 ½	37,85	57,60	57,90	39,68	19,84	60,3	10,0	84,0	11,60	353,8	400,0	20,00	111

Electrogalvanised or nickel-plated chains on request. In this case chains may only have 80 % of the tensile strength.

[2] without rollers (DIN 8154) [9] dismountable designs (with cottered/split pins) on request

For details on orders and enquiries see page 128. Sprockets on request.
Details on the selection of chain sizes and drives as of page 115.

Connecting links: According to DIN (...)

No. 4 (B)

Inner link

No. 7 (A)

Outer link
(to be riveted)

No. 11 (E)

Spring clip
connecting link

No. 111 (S)

Connecting link
with cottered pin

No. 12 (L)

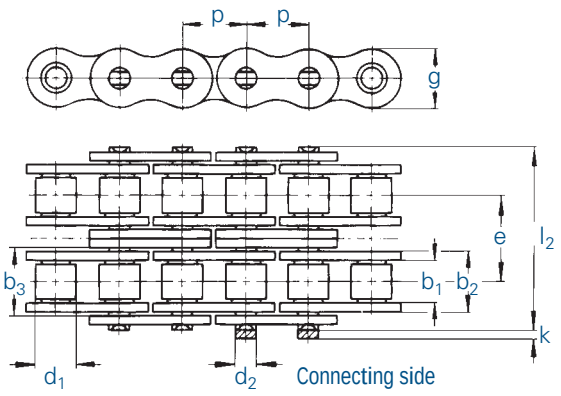
Single
cranked link

No. 15 (C)

Double
cranked link

DUPLEX ROLLER CHAINS ACCORDING TO DIN 8188-1 (AMERICAN TYPE)

corresponding to ISO 606



Chain		DIN	Pitch		Inner width	Inner link width	Outer plate width	Roller Ø	Pin Ø	Transverse pitch	Plate height	Projection over connecting link	Width over pin	Bearing area	Minimum tensile strength DIN	Minimum tensile strength	Weight	Connecting links
			p		b_1 min.	b_2 max.	b_3 min.	d_1 max.	d_2 max.	e	g max.	k max.	l_2 max.	f	F_B min.	F_B min.	q ≈	
No.	Ind.	No.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm^2	kN	kN	kg/m	No.
35-2	2	06 C-2	9,525	⅜	4,68	7,47	7,52	5,08	3,58	10,13	9,0	3,3	23,4	0,53	15,8	17,0	0,70	11,12,15
40-2		08 A-2	12,7	½	7,85	11,15	11,28	7,95	3,96	14,38	12,0	3,9	32,3	0,88	28,2	29,7	1,20	11,12,15
50-2		10 A-2	15,875	⅝	9,40	13,80	13,93	10,16	5,08	18,11	15,0	4,1	39,9	1,40	44,4	62,0	1,78	11,12,15
60-2	9	12 A-2	19,05	¾	12,57	17,70	17,85	11,91	5,94	22,78	18,0	4,6	49,8	2,10	63,6	76,0	3,15	11,111,12,15
80-2	9	16 A-2	25,4	1	15,75	22,50	22,70	15,88	7,92	29,29	24,1	5,4	62,7	3,56	113,4	135,0	4,90	11,111,12,15
100-2	9	20 A-2	31,75	1 ¼	18,90	27,40	27,60	19,05	9,53	35,76	30,1	6,1	77,0	5,22	177,0	205,0	7,60	111,12
120-2	9	24 A-2	38,1	1 ½	25,22	35,30	35,60	22,23	11,10	45,44	36,2	6,6	96,3	7,84	254,0	290,0	10,80	111,12
140-2	9	28 A-2	44,45	1 ¾	25,22	37,00	37,30	25,40	12,70	48,87	42,2	7,4	103,0	9,40	344,8	357,0	14,30	111,12
160-2	9	32 A-2	50,8	2	31,55	45,00	45,30	28,58	14,27	58,55	48,2	7,9	124,0	12,84	453,6	455,0	19,40	111,12
200-2	9	40 A-2	63,5	2 ½	37,85	54,70	55,00	39,68	19,84	71,55	60,3	10,0	151,0	21,70	707,6	730,0	33,00	111,12

Electrogalvanised or nickel-plated chains on request. In this case chains may only have 80 % of the tensile strength.

[2] without rollers (DIN 8154) [9] dismountable designs (with cottered/split pins) on request

For details on orders and enquiries see page 128. Sprockets on request.
Information on the selection of chain sizes and drives as of page 115.

Connecting links: According to DIN (...)

No. 4 (B)

Inner link

No. 7 (A)

Outer link
(to be riveted)

No. 11 (E)

Spring clip
connecting link

No. 111 (S)

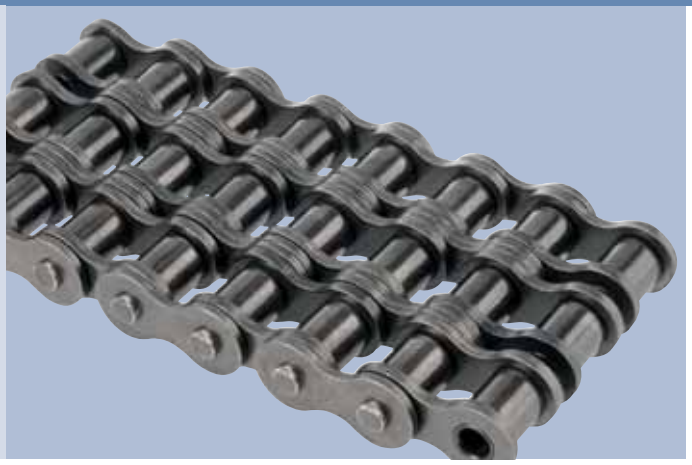
Connecting link
with cottered pin

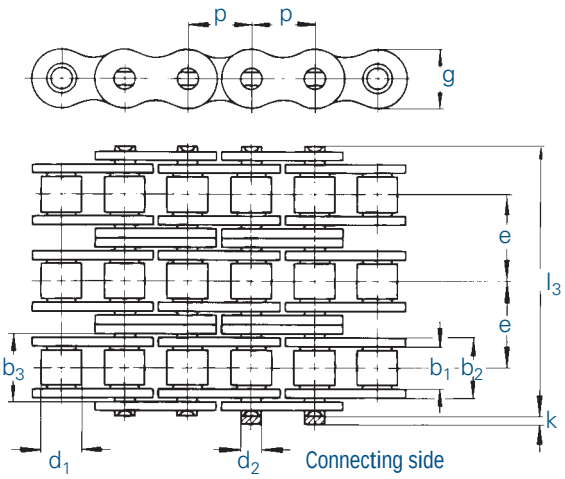
No. 12 (L)

Single
cranked link

No. 15 (C)

Double
cranked link





Chain		DIN	Pitch		Inner width	Inner link width	Outer plate width	Roller Ø	Pin Ø	Trans-verse pitch	Plate height	Projec-tion over connec-ting link	Width over pin	Bearing area	Minimum tensile strength DIN	Minimum tensile strength	Weight	Connecting links
			p		b_1 min.	b_2 max.	b_3 min.	d_1 max.	d_2 max.	e	g max.	k max.	l_2 max.	f	F_B min.	F_B min.	q ≈	
No.	Ind.	No.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm^2	kN	kN	kg/m	No.
35-3	2	06 C-3	9,525	⅜	4,68	7,47	7,52	5,08	3,58	10,13	9,0	3,3	33,5	0,80	23,7	25,5	1,05	11,12,15
40-3		08 A-3	12,7	½	7,85	11,15	11,28	7,95	3,96	14,38	12,0	3,9	46,7	1,32	42,3	41,2	1,80	11,12,15
50-3		10 A-3	15,875	⅝	9,40	13,80	13,93	10,16	5,08	18,11	15,0	4,1	57,9	2,10	66,6	88,0	3,02	11,12,15
60-3	9	12 A-3	19,05	¾	12,57	17,70	17,85	11,91	5,94	22,78	18,0	4,6	72,6	3,15	95,4	105,0	4,70	11,111,12,15
80-3	9	16 A-3	25,4	1	15,75	22,50	22,70	15,88	7,92	29,29	24,1	5,4	91,7	5,35	170,1	193,0	7,50	11,111,12,15
100-3	9	20 A-3	31,75	1 ¼	18,90	27,40	27,60	19,05	9,53	35,76	30,1	6,1	113,0	7,83	265,5	305,0	11,20	111,12
120-3	9	24 A-3	38,1	1 ½	25,22	35,30	35,60	22,23	11,10	45,44	36,2	6,6	141,0	11,76	381,0	410,0	16,10	111,12
140-3	9	28 A-3	44,45	1 ¾	25,22	37,00	37,30	25,40	12,70	48,87	42,2	7,4	152,0	14,10	517,2	520,0	21,40	111,12
160-3	9	32 A-3	50,8	2	31,55	45,00	45,30	28,58	14,27	58,55	48,2	7,9	182,0	19,26	680,4	685,0	29,10	111,12
200-3	9	40 A-3	63,5	2 ½	37,85	54,70	55,00	39,68	19,84	71,55	60,3	10,0	223,0	32,56	1061,4	1095,0	50,00	111,12

Electrogalvanised or nickel-plated chains on request. In this case chains may only have 80 % of the tensile strength.

[2] without rollers (DIN 8154) [9] dismountable designs (with cottered/split pins) on request

For details on orders and enquiries see page 128. Sprockets on request.
Information on the selection of chain sizes and drives as of page 115.

Connecting links: According to DIN (...)

No. 4 (B)

Inner link

No. 7 (A)

Outer link
(to be riveted)

No. 11 (E)

Spring clip
connecting link

No. 111 (S)

Connecting link
with cottered pin

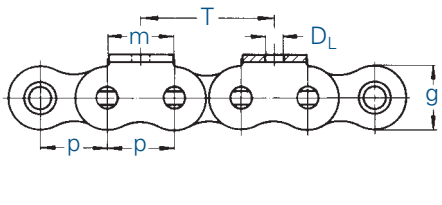
No. 12 (L)

Single
cranked link

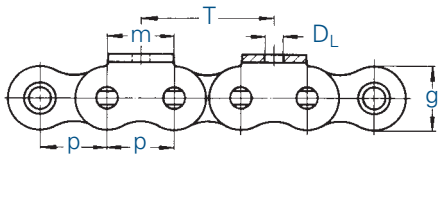
No. 15 (C)

Double
cranked link

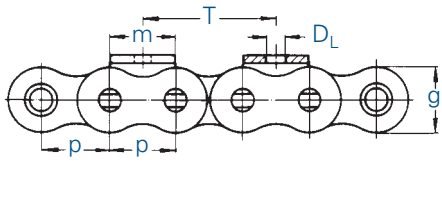
Type A
bent attachments, one side



Type B
bent attachments, both sides



Type C
bent over chain attachments, one side

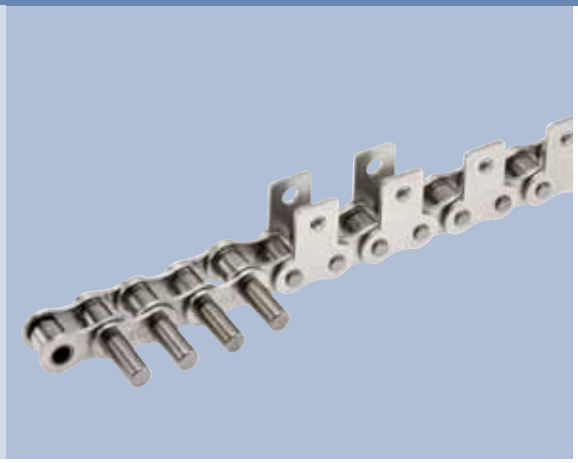


Basic chain		Pitch		Inner width	Inner link width	Outer plate width	Roller Ø	Plate height	Attachment dimensions					
		p		b_1 min.	b_2 max.	b_3 min.	d_1 max.	g max.	m	D_L	l	F	H	s
No.	Ind.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
450		8,0	-	3,00	4,77	4,90	5,00	7,1	8,0	3,2	6,6	12,0	5,0	0,80
455	1,15	9,525	⅜	5,72	8,53	8,66	6,35	8,2	8,0	3,5	9,5	13,5	6,5	1,25
331	17	12,7	½	3,30	5,80	5,93	7,75	9,9	10,5	3,5	9,0	15,1	7,0	0,95
332	17	12,7	½	4,88	7,20	7,33	7,75	9,9	10,5	3,5	9,7	15,8	7,0	0,95
462	15	12,7	½	7,75	11,30	11,43	8,51	11,8	12,5	4,5	13,1	19,0	10,0	1,50
501	15	15,875	⅝	9,65	13,28	13,41	10,16	14,7	15,0	5,5	16,7	27,0	10,0	1,70
513	15	19,05	¾	11,68	15,62	15,75	12,07	16,1	18,5	6,6	18,6	29,0	11,0	1,80
548	15,16	25,4	1	17,02	25,40	25,60	15,88	21,0	25,0	9,0	28,9	41,8	18,0	3,00
563		31,75	1 ¼	19,56	29,00	29,20	19,05	26,4	35,0	9,0	33,4	49,0	18,0	3,75
596		38,1	1 ½	25,40	37,90	38,20	25,40	33,4	38,0	11,0	44,0	64,0	25,0	5,00
613		44,45	1 ¾	30,99	46,50	46,80	27,94	37,0	45,0	14,0	54,1	78,0	32,0	6,00
652		50,8	2	30,99	45,50	45,80	29,21	42,2	50,0	14,0	54,0	76,3	35,0	6,00
40	15	12,7	½	7,85	11,15	11,28	7,95	12,0	10,5	3,5	12,7	17,9	7,9	1,50
50	15	15,875	⅝	9,40	13,80	13,93	10,16	15,0	12,7	5,2	15,9	23,9	10,3	2,00
60	15	19,05	¾	12,57	17,70	17,85	11,91	18,0	15,9	5,2	19,1	28,2	11,9	2,40
80	15	25,4	1	15,75	22,50	22,70	15,88	24,1	19,1	6,7	25,4	37,3	15,9	3,20

[1] with straight side plates [15] also with single hole bent attachments on inner link [16] on inner link s = 4 [17] can also be supplied with m = 16

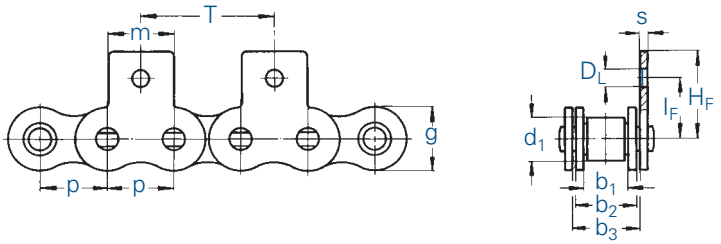
All designs can also be supplied as Marathon roller chains (maintenance-free), Biathlon and Biathlon KS!
For details on orders and enquiries see page 129. For untoleranced dimensions DIN ISO 2768 c applies.

Rodamientos y Componentes, S.L.



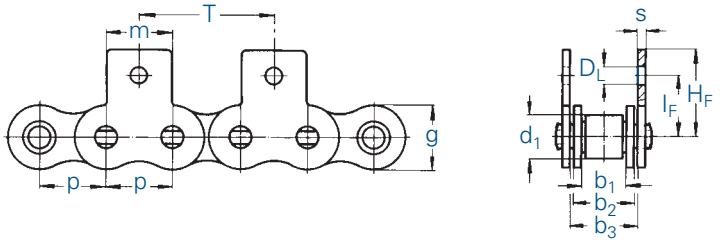
Type D

straight attachments, one side



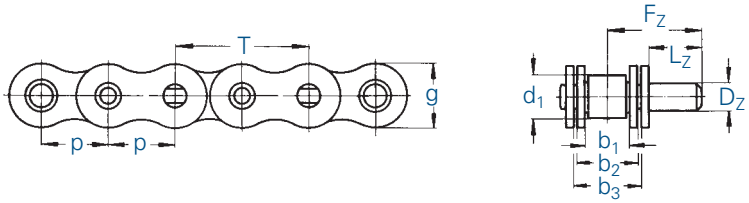
Type E

straight attachments, both sides



Type F

extended pins (available on alternate sides)

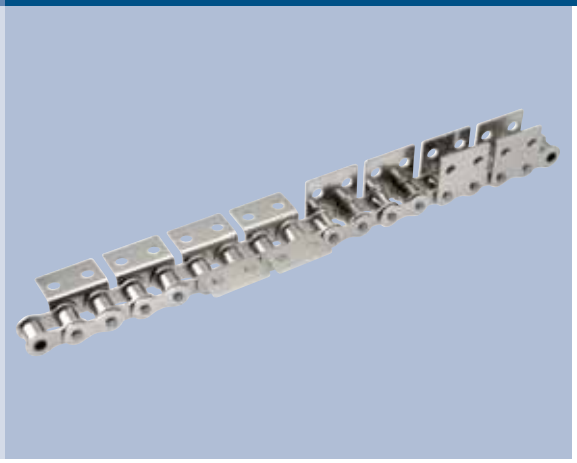


Basic chain		Pitch		Inner width	Inner link width	Outer plate width	Roller Ø	Plate height	Attachment dimensions							
		p		b_1 min.	b_2 max.	b_3 min.	d_1 max.	g max.	m	D_L	l_F	H_F	s	D_Z[19] h9	L_Z[19]	F_Z[19]
No.	Ind.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
450		8,0	-	3,00	4,77	4,90	5,00	7,1	8,0	3,2	7,5	13,00	0,80	4,0	10,0	13,3
455	1,18	9,525	⅜	5,72	8,53	8,66	6,35	8,2	8,0	3,5	9,0	13,80	1,25	5,0	15,0	20,7
331	17	12,7	½	3,30	5,80	5,93	7,75	9,9	10,5	3,5	11,5	17,65	0,95	5,0	15,0	19,0
332	17	12,7	½	4,88	7,20	7,33	7,75	9,9	10,5	3,5	11,5	17,65	0,95	5,0	15,0	19,7
462	18	12,7	½	7,75	11,30	11,43	8,51	11,8	12,5	4,5	14,7	20,30	1,50	6,0	15,0	22,4
501	18	15,875	⅝	9,65	13,28	13,41	10,16	14,7	15,0	5,5	17,2	26,70	1,70	6,5	20,0	28,5
513	18	19,05	¾	11,68	15,62	15,75	12,07	16,1	18,5	6,6	18,7	29,00	1,80	7,0	20,0	29,8
548	16,18	25,4	1	17,02	25,40	25,60	15,88	21,0	25,0	9,0	28,6	41,50	3,00	10,0	30,0	45,9
563		31,75	1 ¼	19,56	29,00	29,20	19,05	26,4	35,0	9,0	30,5	46,00	3,75	12,0	30,0	48,4
596		38,1	1 ½	25,40	37,90	38,20	25,40	33,4	38,0	11,0	41,0	60,00	5,00	16,0	35,0	59,1
613		44,45	1 ¾	30,99	46,50	46,80	27,94	37,0	45,0	14,0	52,5	75,50	6,00	20,0	40,0	69,0
652		50,8	2	30,99	45,50	45,80	29,21	42,2	50,0	14,0	53,5	77,00	6,00	20,0	40,0	69,0
40	18	12,7	½	7,85	11,15	11,28	7,95	12,0	10,5	3,5	11,5	17,65	1,50	5,0	15,0	22,2
50	18	15,875	⅝	9,40	13,80	13,93	10,16	15,0	12,7	5,2	15,9	23,50	2,00	5,08	11,9	21,1
60	18	19,05	¾	12,57	17,70	17,85	11,91	18,0	15,9	5,2	18,3	27,20	2,40	5,94	14,3	25,8
80	18	25,4	1	15,75	22,50	22,70	15,88	24,1	19,1	6,7	24,6	35,50	3,20	7,92	19,1	33,7

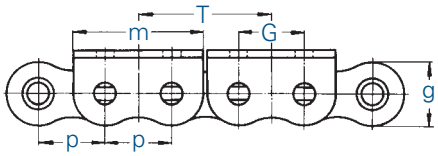
[1] with straight side plates [16] on inner link s = 4 [17] can also be supplied with m = 16 [18] also with straight attachments on inner link
[19] other dimensions available on request

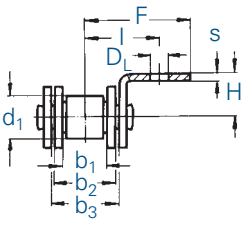
All designs can also be supplied as Marathon roller chains (maintenance-free), Biathlon and Biathlon KS!
For details on orders and enquiries see page 129. For untoleranced dimensions DIN ISO 2768 c applies.

Rodamientos y Componentes, S.L.

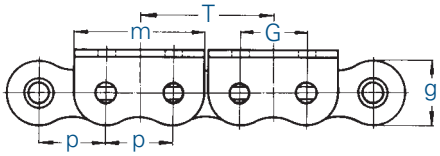


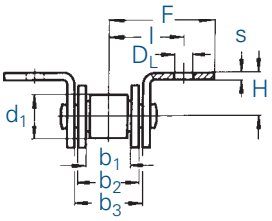
Type A2 bent attachments, one side



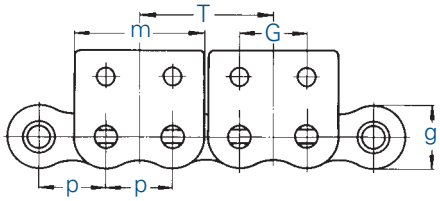


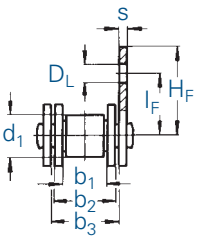
Type B2 bent attachments, both sides



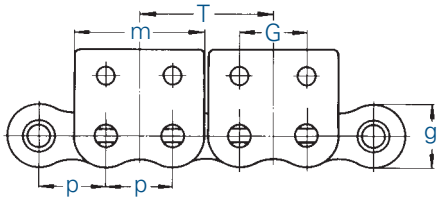


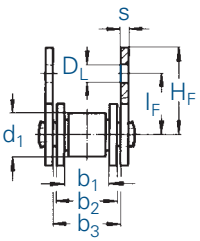
Type D2 straight attachments, one side





Type E2 straight attachments, both sides





Basic chain		Pitch		Inner width	Inner link width	Outer plate width	Roller Ø	Plate height	Attachment dimensions								
		p		b_1 min.	b_2 max.	b_3 min.	d_1 max.	g max.	m	D_L	G	I	F	H	I_F	H_F	s
No.	Ind.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
455	1,20	9,525	⅜	5,72	8,53	8,66	6,35	8,2	18,2	3,2	9,5	9,8	13,2	5,7	9,2	12,6	1,25
462		12,7	½	7,75	11,30	11,43	8,51	11,8	23,2	4,5	12,7	13,1	19,0	10,0	14,7	20,3	1,50
501		15,875	⅝	9,65	13,28	13,41	10,16	14,7	28,5	5,5	15,9	16,7	27,0	10,0	17,2	26,7	1,70
513		19,05	¾	11,68	15,62	15,75	12,07	16,1	33,6	6,6	19,1	18,6	29,0	11,0	18,7	29,0	1,80
548		25,4	1	17,02	25,40	25,60	15,88	21,0	46,5	9,0	25,4	28,9	42,0	18,0	28,6	41,5	3,00
563		31,75	1 ¼	19,56	29,00	29,20	19,05	26,4	55,8	9,0	31,8	33,4	49,0	18,0	30,5	46,0	3,75
596		38,1	1 ½	25,40	37,90	38,20	25,40	33,4	71,1	11,0	38,1	44,0	64,0	25,0	41,0	60,0	5,00

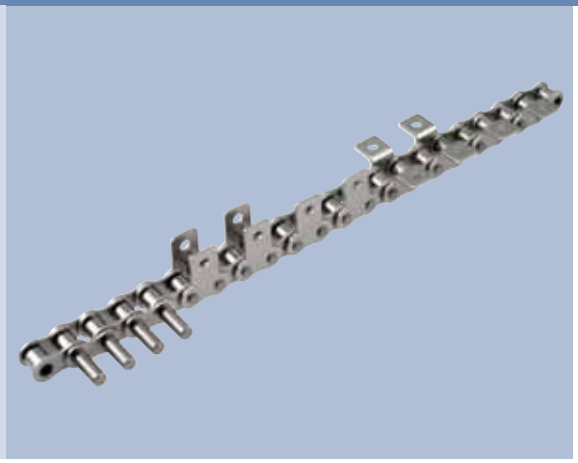
Roller chains (stainless steel) with two-hole bent and straight attachments

455 RF	1,20	9,525	⅜	5,72	8,53	8,66	6,35	8,2	18,2	3,2	9,5	9,8	13,2	5,7	9,2	12,6	1,25
462 RF		12,7	½	7,75	11,30	11,43	8,51	11,8	23,2	4,5	12,7	13,1	19,0	10,0	14,7	20,3	1,60
501 RF		15,875	⅝	9,65	13,28	13,41	10,16	14,7	28,5	5,5	15,9	16,7	27,0	10,0	17,2	26,7	1,70
513 RF		19,05	¾	11,68	15,62	15,75	12,07	16,1	33,6	6,6	19,1	18,5	29,0	11,0	18,7	29,0	1,80
548 RF		25,4	1	17,02	25,40	25,60	15,88	21,0	46,5	10,0	25,4	28,9	41,8	18,0	28,6	41,5	3,00

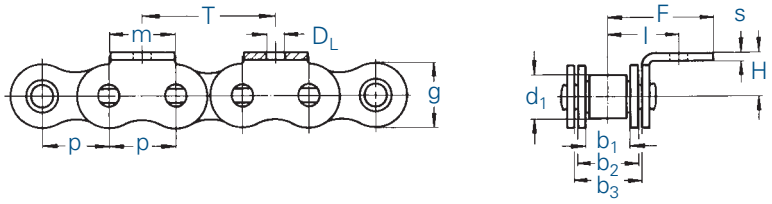
[1] with straight side plates [20] can be supplied with or without bore

All designs can also be supplied as Marathon roller chains (maintenance-free), Biathlon and Biathlon KS! Sprockets made of stainless steel or plastic are available on request.
For details on orders and enquiries see page 129. For untoleranced dimensions DIN ISO 2768 c applies.

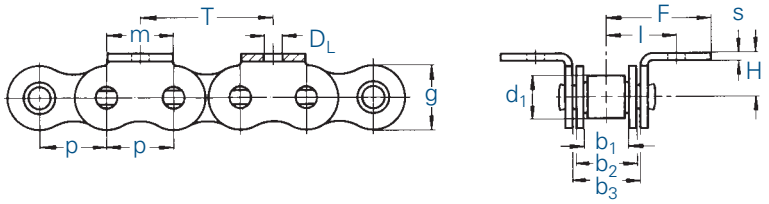
Rodamientos y Componentes, S.L.



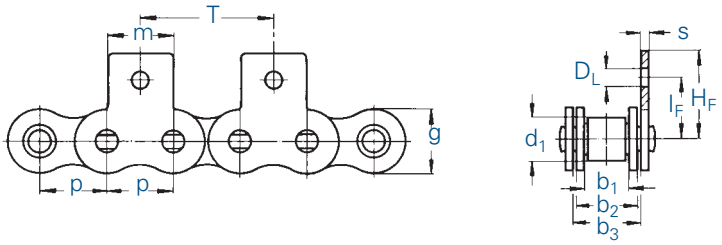
Type A bent attachments, one side



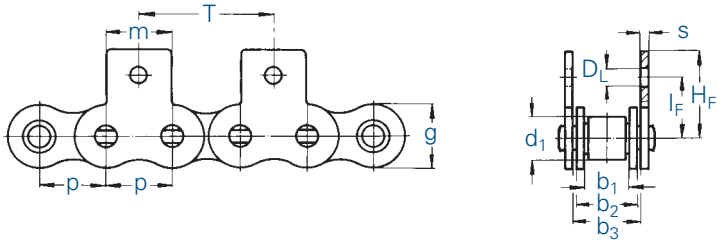
Type B bent attachments, both sides



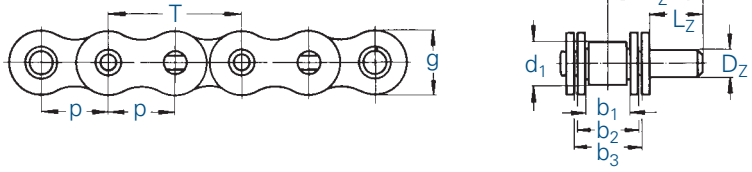
Type D straight attachments, one side



Type E straight attachments, both sides



Type F extended pins
(available on alternate sides)



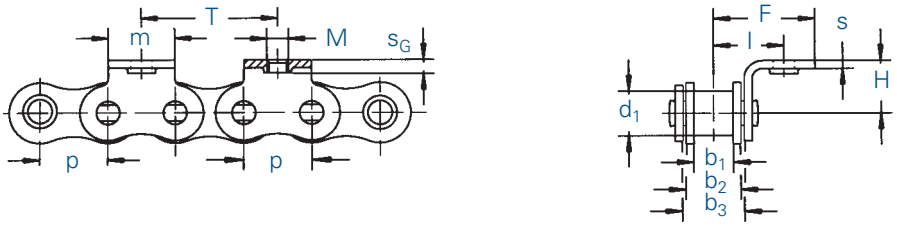
Basic chain		Pitch	Inner width	Inner link width	Outer plate width	Roller Ø	Plate height	Attachment dimensions										
		p	b_1 min.	b_2 max.	b_3 min.	d_1 max.	g max.	m	D_L	l	F	H	l_F	H_F	s	D_Z[19] h9	L_Z[19]	F_Z[19]
No.	Ind.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
450 RF		8,0	3,00	4,77	4,90	5,00	7,1	8,0	3,2	6,6	12,0	5,0	7,5	13,0	0,80	4,0	10	13,3
455 RF	1,21	9,525	5,72	8,53	8,66	6,35	8,2	8,0	3,5	9,5	13,5	6,5	9,0	13,4	1,25	5,0	15	20,7
331 RF	17	12,7	3,30	5,80	5,93	7,75	9,9	10,5	3,5	9,0	15,1	7,0	11,5	17,7	0,95	5,0	15	19,0
40 RF	21	12,7	7,85	11,15	11,28	7,95	12,0	10,5	3,5	11,8	17,9	7,9	11,5	17,7	1,50	5,0	15	22,2
332 RF	17	12,7	4,88	7,20	7,33	7,75	9,9	10,5	3,5	9,7	15,8	7,0	11,5	17,7	0,95	5,0	15	19,7
462 RF	21	12,7	7,75	11,30	11,43	8,51	11,8	12,5	4,5	13,1	19,0	10,0	14,7	20,3	1,60	6,0	15	22,4
501 RF	21	15,875	9,65	13,28	13,41	10,16	14,7	15,0	5,5	16,7	27,0	10,0	17,2	26,7	1,70	6,5	20	28,5
513 RF	21	19,05	11,68	15,62	15,75	12,07	16,1	18,5	6,6	18,5	29,0	11,0	18,7	29,0	1,80	7,0	20	29,8
548 RF	16,21	25,4	17,02	25,40	25,60	15,88	21,0	25,0	10,0	28,9	41,8	18,0	28,6	41,5	3,00	10,0	30	45,9

[1] with straight side plates [16] on inner link s = 4 [17] can also be supplied with m = 16 [19] other dimensions available on request
[21] also with single hole bent attachments on inner link

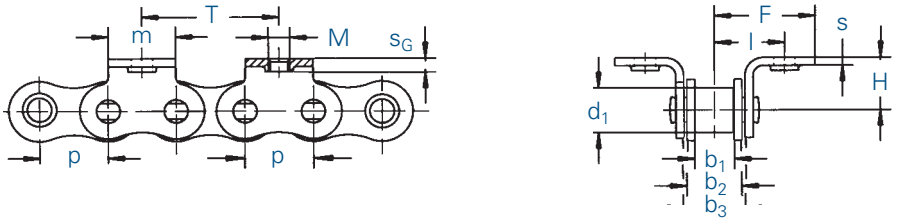
Sprockets made of stainless steel or plastic are available on request.
For details on orders and enquiries see page 129. For untoleranced dimensions DIN ISO 2768 c applies.

Rodamientos y Componentes, S.L.

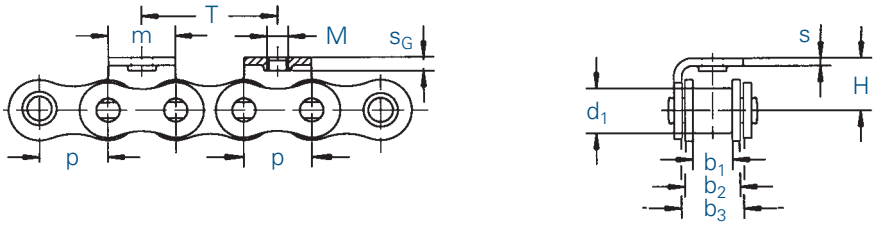
Type A G
bent attachments, one side



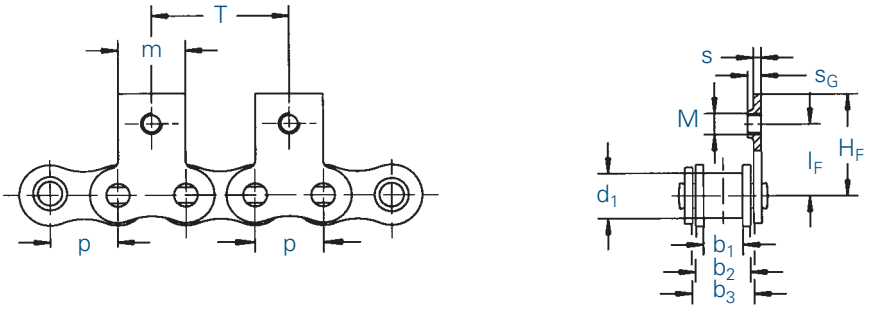
Type B G
bent attachments, both sides



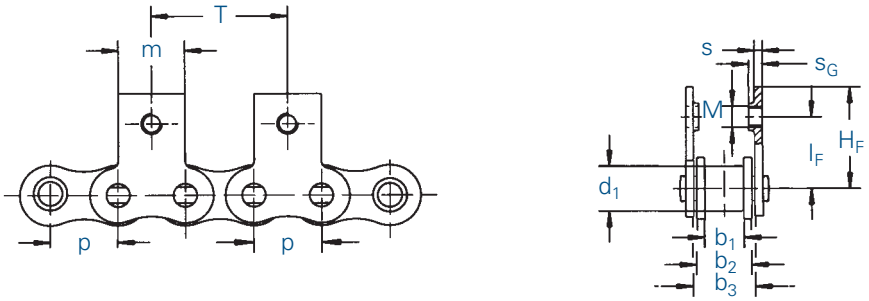
Type C G
bent over chain attachments, one side



Type D G
straight attachments, one side



Type E G
straight attachments, both sides



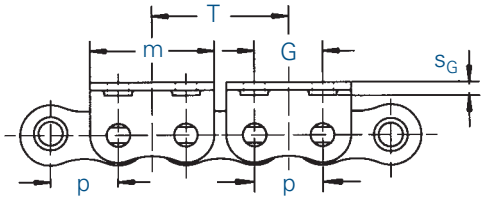
Basic chain		Pitch		Inner width	Inner link width	Outer plate width	Roller Ø	Plate height	Attachment dimensions						
		p		b_1 min.	b_2 max.	b_3 min.	d_1 max.	g max.	m	Inside thread M	l	F	H	s	s_G
No.	Ind.	mm	inch	mm	mm	mm	mm	mm	mm		mm	mm	mm	mm	mm
462	22	12,7	½	7,75	11,30	11,43	8,51	11,8	12,5	M 4	13,1	19,0	10	1,50	4,00
501	22	15,875	⅝	9,65	13,28	13,41	10,16	14,7	15,0	M 5	16,7	27,0	10	1,70	4,20
513	22	19,05	¾	11,68	15,62	15,75	12,07	16,1	18,5	M 6	18,6	29,0	11	1,80	4,50
548	22	25,4	1	17,02	25,40	25,60	15,88	21,0	25,0	M 8	28,9	41,8	18	3,00	7,50

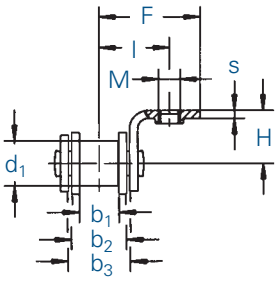
[22] can also be supplied in stainless steel

All designs can also be supplied as Marathon roller chains (maintenance-free), Biathlon and Biathlon KS!
For details on orders and enquiries see page 129. For untoleranced dimensions DIN ISO 2768 c applies.

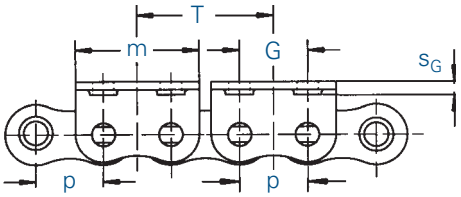
Rodamientos y Componentes, S.L.

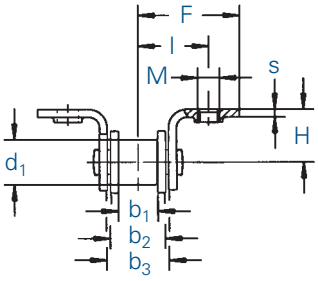
Type A 2 G
bent attachments, one side



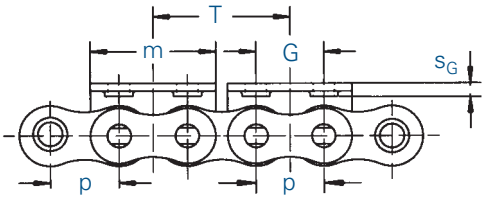


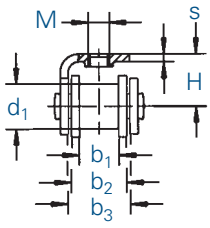
Type B 2 G
bent attachments, both sides



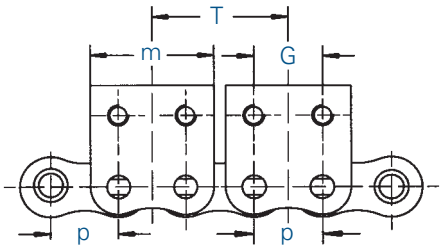


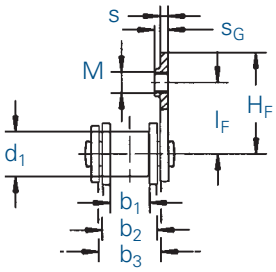
Type C 2 G
bent over chain attachments, one side



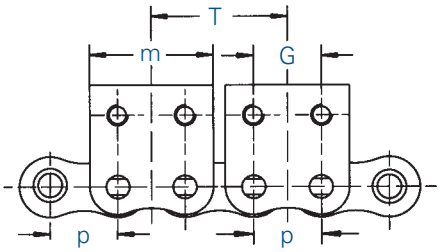


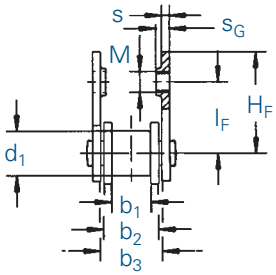
Type D 2 G
straight attachments, one side





Type E 2 G
straight attachments, both sides





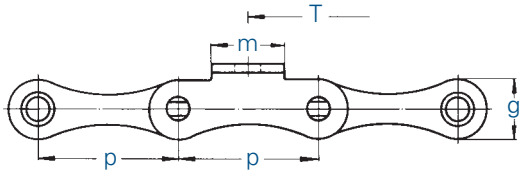
Basic chain		Pitch	Inner width	Inner link width	Outer plate width	Roller Ø	Plate height	Attachment dimensions									
		p	b_1 min.	b_2 max.	b_3 min.	d_1 max.	g max.	m	Inside thread M	G	I	F	H	l_F	H_F	s	s_G
No.	Ind.	mm	mm	mm	mm	mm	mm	mm		mm	mm	mm	mm	mm	mm	mm	mm
462	22	12,7	7,75	11,30	11,43	8,51	11,8	23,2	M 4	12,7	13,1	19,0	10	14,7	20,3	1,50	4,00
501	22	15,875	9,65	13,28	13,41	10,16	14,7	28,5	M 5	15,9	16,7	27,0	10	17,2	26,7	1,70	4,20
513	22	19,05	11,68	15,62	15,75	12,07	16,1	33,6	M 6	19,1	18,5	29,0	11	18,7	29,0	1,80	4,50
548	22	25,4	17,02	25,40	25,60	15,88	21,0	46,5	M 8	25,4	28,9	41,8	18	28,6	41,5	3,00	7,50

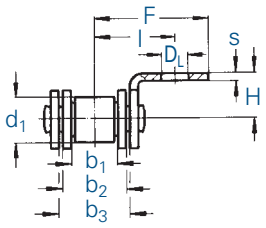
[22] can also be supplied in stainless steel

All designs can also be supplied as Marathon roller chains (maintenance-free), Biathlon and Biathlon KS!
For details on orders and enquiries see page 129. For untoleranced dimensions DIN ISO 2768 c applies.

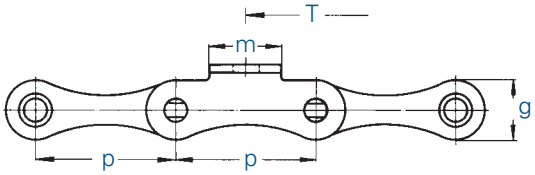
Rodamientos y Componentes, S.L.

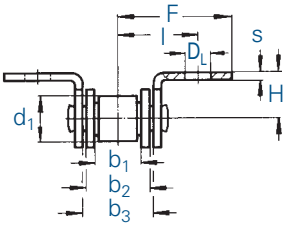
Type A
bent attachments, one side



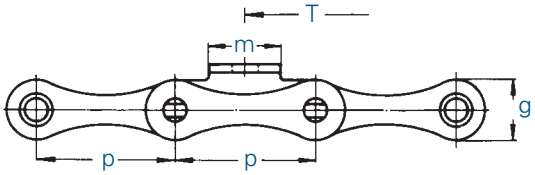


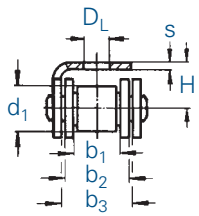
Type B
bent attachments, both sides





Type C
bent over chain attachments, one side





Basic chain		Pitch		Inner width	Inner link width	Outer plate width	Roller Ø	Plate height	Attachment dimensions					
		p		b_1 min.	b_2 max.	b_3 min.	d_1 max.	g max.	m	D_L	l	F	H	s
No.	Ind.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
713		25,4	1	7,75	11,30	11,43	8,51	11,8	13,0	4,5	13,1	19,3	10,0	1,60
717		31,75	1 ¼	9,65	13,28	13,41	10,16	14,7	15,0	5,5	16,7	26,7	10,0	1,70
722		38,1	1 ½	11,68	15,62	15,75	12,07	16,1	19,0	6,6	18,5	26,0	11,0	1,80
728		50,8	2	17,02	25,40	25,60	15,88	21,0	30,0	9,0	28,9	43,0	18,0	3,00
734		63,5	2 ½	19,56	29,00	29,20	19,05	28,5	35,0	9,0	33,1	49,6	18,0	3,75

Double pitch stainless steel roller chains with single hole bent attachments

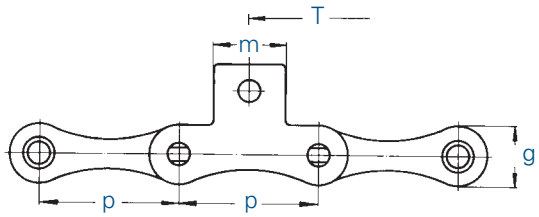
713 RF		25,4	1	7,75	11,30	11,43	8,51	11,8	13,0	4,5	13,1	19,5	10,0	1,60
717 RF		31,75	1 ¼	9,65	13,28	13,41	10,16	14,7	15,0	5,5	16,7	26,7	10,0	1,70
722 RF		38,1	1 ½	11,68	15,62	15,75	12,07	16,1	19,0	6,6	18,5	26,0	11,0	1,80
728 RF		50,8	2	17,02	25,40	25,60	15,88	21,0	30,0	9,0	28,9	43,0	18,0	3,00

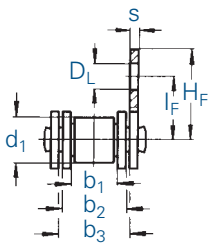
All designs can also be supplied as Marathon roller chains (maintenance-free)!
For details on orders and enquiries see page 129. For untoleranced dimensions DIN ISO 2768 c applies.

Rodamientos y Componentes, S.L.

Type D

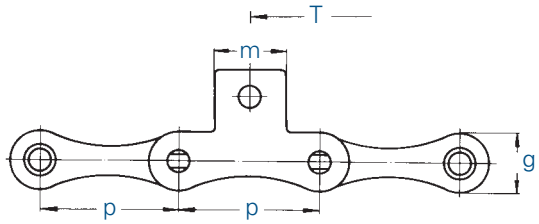
straight attachments, one side

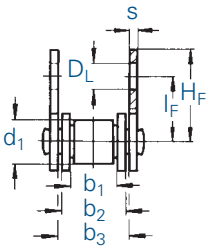




Type E

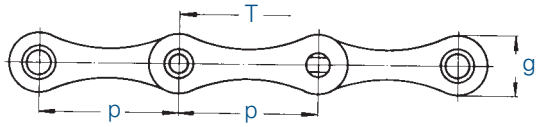
straight attachments, both sides

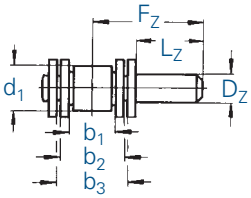




Type F

extended pin
(available on alternate sides)





Basic chain		Pitch		Inner width	Inner link width	Outer plate width	Roller Ø	Plate height	Attachment dimensions							
		p		b_1 min.	b_2 max.	b_3 min.	d_1 max.	g max.	m	D_L	l_F	H_F	s	D_Z[19]	L_Z[19]	F_Z[19]
No.	Ind.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
713		25,4	1	7,75	11,30	11,43	8,51	11,8	13,0	4,5	14,7	20,3	1,60	6,0	15,0	22,4
717		31,75	1 ¼	9,65	13,28	13,41	10,16	14,7	15,0	5,5	17,0	26,7	1,70	6,5	20,0	28,5
722		38,1	1 ½	11,68	15,62	15,75	12,07	16,1	19,0	6,6	17,6	26,0	1,80	7,0	20,0	29,8
728		50,8	2	17,02	25,40	25,60	15,88	21,0	30,0	9,0	29,0	42,5	3,00	10,0	30,0	45,9
734		63,5	2 ½	19,56	29,00	29,20	19,05	28,5	35,0	9,0	30,5	45,7	3,75	12,0	30,0	48,4

Double pitch roller chains (stainless steel) with single hole straight attachments and extended pins

713 RF		25,4	1	7,75	11,30	11,43	8,51	11,8	13,0	4,5	14,7	20,3	1,60	6,0	15,0	22,4
717 RF		31,75	1 ¼	9,65	13,28	13,41	10,16	14,7	15,0	5,5	17,0	26,7	1,70	6,5	20,0	28,5
722 RF		38,1	1 ½	11,68	15,62	15,75	12,07	16,1	19,0	6,6	17,6	26,0	1,80	7,0	20,0	29,8
728 RF		50,8	2	17,02	25,40	25,60	15,88	21,0	30,0	9,0	29,0	42,5	3,00	10,0	30,0	45,9

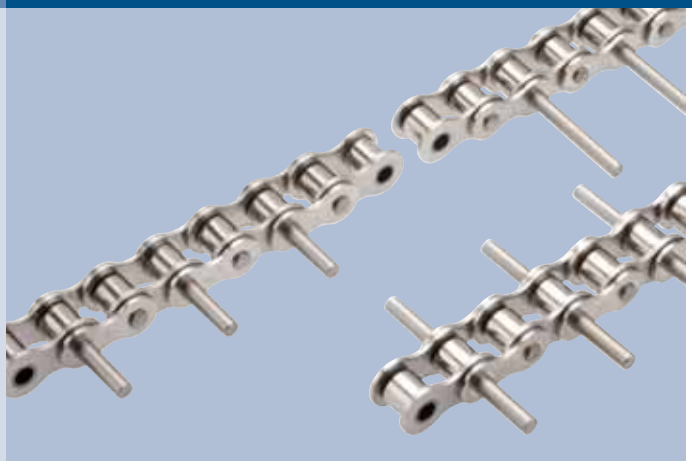
[19] can also be supplied in stainless steel

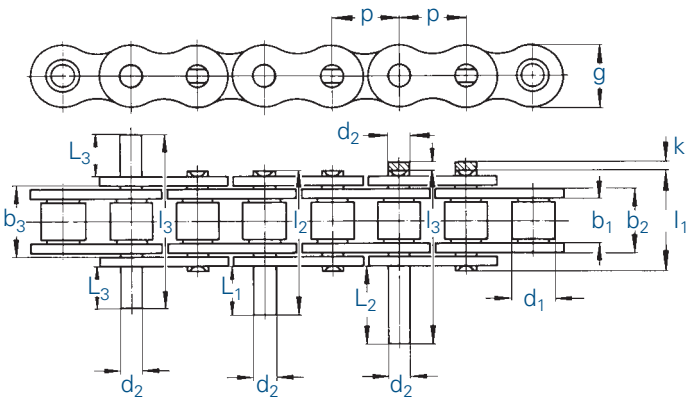
Can also be supplied as Marathon roller chain (maintenance-free)!
For details on orders and enquiries see page 129. For untoleranced dimensions DIN ISO 2768 c applies.

Rodamientos y Componentes, S.L.

ROLLER CHAINS WITH EXTENDED PINS ON ONE SIDE/BOTH SIDES

According to DIN 8187-3, DIN 8188-3 and works-standard





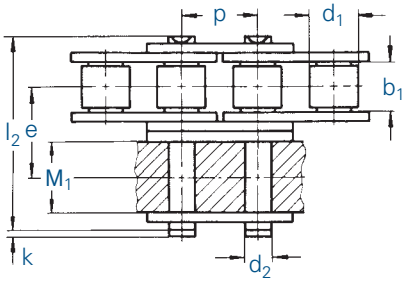
Basic chain		Pitch		Inner width	Inner link width	Outer plate width	Roller Ø	Pin Ø	Projection over connecting link	Plate height	Width over pin	Dimensions for extended pin				
												Overall length		Pin extension		
		p		b_1 min.	b_2 max.	b_3 min.	d_1 max.	d_2 max.	k max.	g max.	l_1 max.	l_2[11] max.	l_3[12] max.	L_1 max.	L_2 max.	L_3 max.
No.	Ind.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
450		8	-	3,00	4,77	4,90	5,00	2,31	3,1	7,1	8,6	14,3	19,9	6,3	12,2	6,35
455	1,10	9,525	⅜	5,72	8,53	8,66	6,35	3,28	3,3	8,2	13,5	23,1	33,7	11,0	21,6	11,15
462	10	12,7	½	7,75	11,30	11,43	8,51	4,45	3,9	11,8	17,0	30,7	44,9	15,3	29,5	15,3
501	10	15,875	⅝	9,65	13,28	13,41	10,16	5,08	4,1	14,7	19,6	36,2	52,8	18,2	34,8	18
513	10	19,05	¾	11,68	15,62	15,75	12,07	5,72	4,6	16,1	22,7	41,8	61,3	21,0	40,5	20,9
548	10	25,4	1	17,02	25,40	25,60	15,88	8,28	5,4	21,0	36,0	67,5	99,3	33,6	65,4	33,7
552	10	30	-	17,02	25,40	25,60	15,88	8,28	5,4	21,0	36,0	67,5	99,3	33,6	65,4	33,7
563		31,75	1 ¼	19,56	29,00	29,20	19,05	10,19	6,1	26,4	41,5	78,0	114,7	38,6	75,3	38,7
577		35	-	19,60	27,00	27,20	19,05	10,19	6,1	26,0	38,3	78,0	114,7	41,8	78,5	41,8
596		38,1	1 ½	25,40	37,90	38,20	25,40	14,63	6,6	33,4	53,0	101,3	149,5	50,5	98,7	50,5
613		44,45	1 ¾	30,99	46,50	46,80	27,94	15,90	7,4	37,0	63,6	122,9	182,9	62,0	122,0	62,3
652		50,8	2	30,99	45,50	45,80	29,21	17,81	7,9	42,2	63,6	121,7	180,5	60,8	119,6	61,1
35	10	9,525	⅜	4,68	7,47	7,52	5,08	3,59	3,3	9,1	13,2	22,0	32,5	11,0	21,5	11,1
40	10	12,7	½	7,85	11,15	11,28	7,95	3,96	3,9	12,0	17,8	30,1	45,2	14,8	29,9	15,35
50	10	15,875	⅝	9,40	13,80	13,93	10,16	5,08	4,1	15,0	20,5	38,7	56,8	19,4	37,5	19,4
60	10	19,05	¾	12,57	17,70	17,85	11,91	5,94	4,6	18,0	25,4	48,3	71,1	24,2	47,0	24,2
80		25,4	1	15,75	22,50	22,70	15,88	7,92	5,4	24,1	33,5	62,6	92,0	31,3	60,6	31,3
100		31,75	1 ¼	18,90	27,40	27,60	19,05	9,53	6,1	30,1	40,4	76,3	112,2	38,2	74,1	38,2
120		38,1	1 ½	25,22	35,30	35,60	22,23	11,10	6,6	36,2	50,3	96,1	141,9	48,2	94,0	48,2

[1] with straight side plates [10] can also be supplied in stainless steel [11] Duplex pin [12] Triplex pin

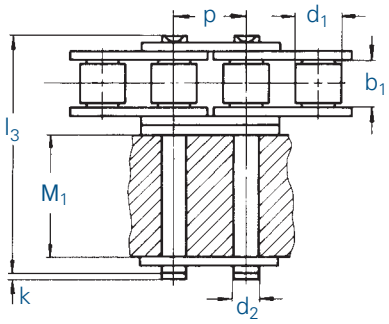
All designs can also be supplied as Marathon roller chains (maintenance-free), Biathlon and Biathlon KS!
For details on orders and enquiries see page 129. For untoleranced dimensions DIN ISO 2768 c applies.

Rodamientos y Componentes, S.L.

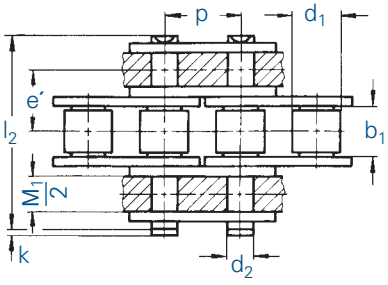
Simplex chain
with duplex connecting link



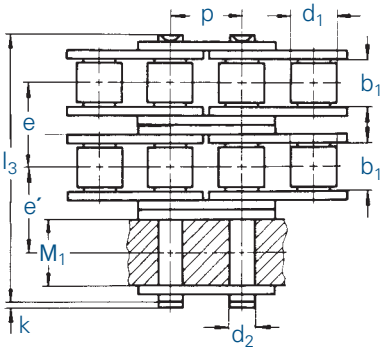
Simplex chain
with triplex connecting link



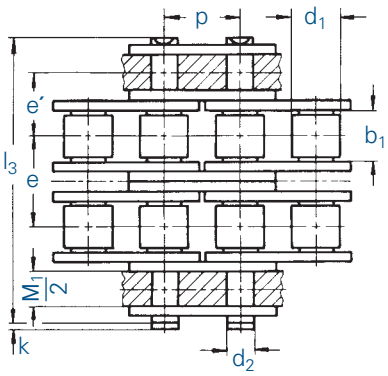
Simplex chain
with duplex connecting link



Duplex chain
with triplex connecting link



Duplex chain
with triplex connecting link



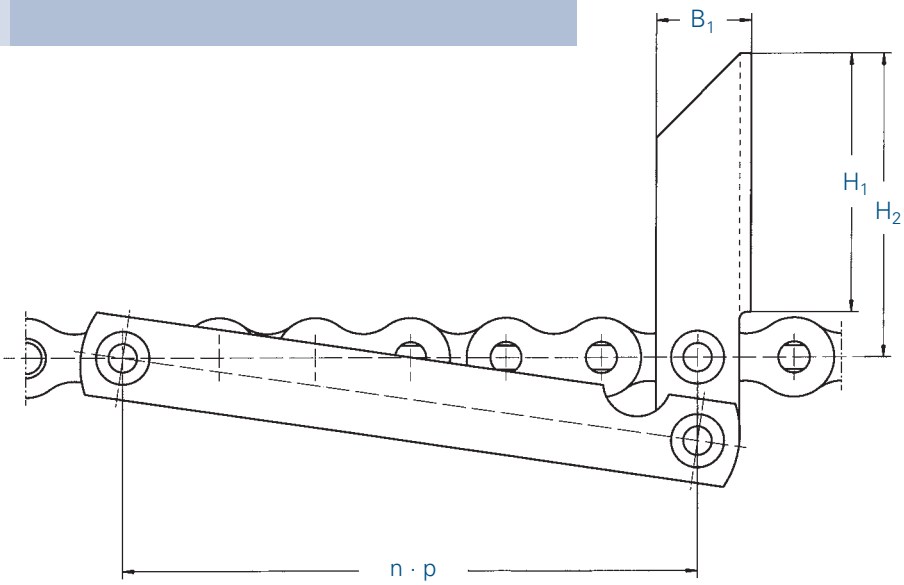
Chain		Pitch		Inner width	Roller Ø	Pin Ø	Transverse pitch		Attachment width		Projection over connecting link	Pin length	
		p		b_1 min.	d_1 max.	d_2 max.	e	e'	M_1 max.	M_2 max.	k max.	l_2 max.	l_3 max.
No.	Ind.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
455	10	9,525	⅜	5,72	6,35	3,28	10,24	7,24	8,5	-	3,3	23,8	-
D 455	10	9,525	⅜	5,72	6,35	3,28	10,24	7,24	8,5	-	3,3	-	34,0
462	10	12,7	½	7,75	8,51	4,45	13,92	10,10	11,3	25,6	3,9	31,0	-
D 462	10	12,7	½	7,75	8,51	4,45	13,92	10,10	11,3	-	3,9	-	44,9
501	10	15,875	⅝	9,65	10,16	5,08	16,59	11,62	13,3	30,0	4,1	36,2	-
D 501	10	15,875	⅝	9,65	10,16	5,08	16,59	11,62	13,3	-	4,1	-	52,8
513	10	19,05	¾	11,68	12,07	5,72	19,46	13,63	15,6	34,8	4,6	42,2	-
D 513	10	19,05	¾	11,68	12,07	5,72	19,46	13,63	15,6	-	4,6	-	61,7
548	10	25,4	1	17,02	15,88	8,28	31,88	22,30	25,4	56,8	5,4	68,0	-
D 548	10	25,4	1	17,02	15,88	8,28	31,88	22,30	25,4	-	5,4	-	99,9

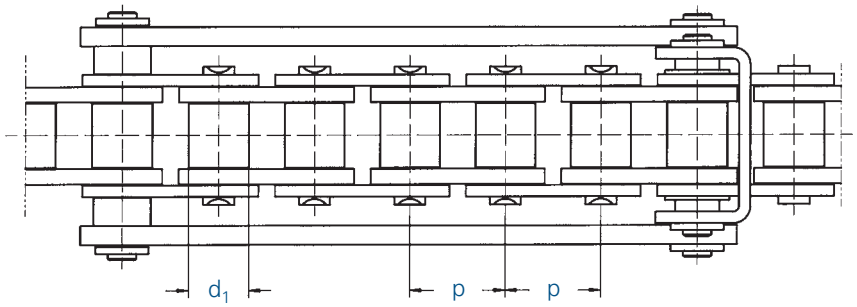
[10] can also be supplied in stainless steel

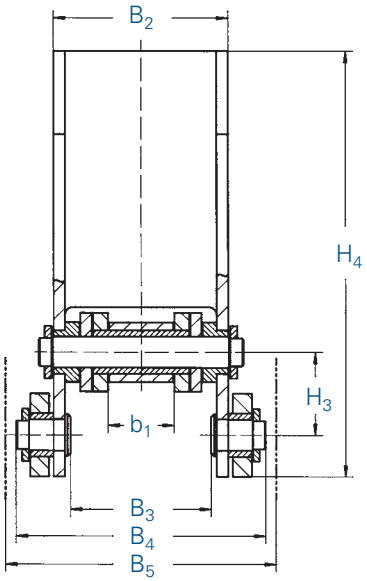
All designs can also be supplied as Marathon roller chains (maintenance-free), Biathlon and Biathlon KS!
For details on orders and enquiries see page 129. For untoleranced dimensions DIN ISO 2768 c applies.

Rodamientos y Componentes, S.L.

During conveyance the WIPPERMANN pusher is at right angles to the chain. In the deflection phase it submerges under the transported material without damaging it.







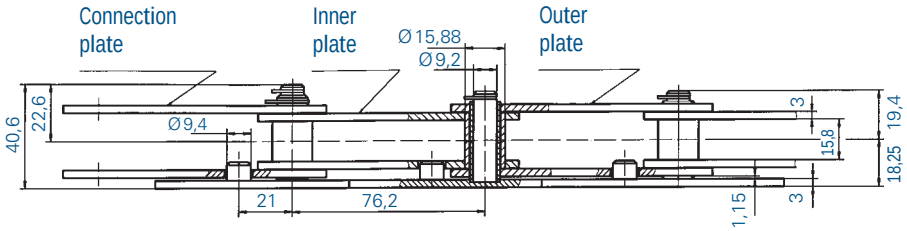
recommended duct width

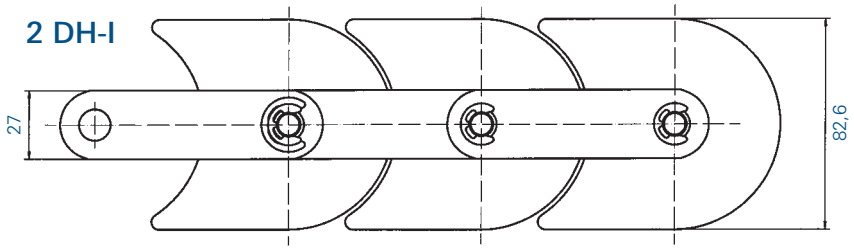
Chain		Sprockets		Pitch	Inner width	Roller Ø	Pusher dog dimensions										Thrust
		Number of teeth	Hub Ø max.	p	b_1 min.	d_1 max.	B_1	B_2	B_3	B_4	B_5	H_1	H_2	H_3	H_4	n	max.
No.	Ind.		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		kN
462 / M 120	[10]	20	32	12,7	7,75	8,51	18,0	25,0	19,0	35,0	40,0	22,0	29,0	11,0	46,0	5	0,5
501 / M 132	[10]	32	80	15,875	9,65	10,16	18,0	31,0	23,0	40,0	45,0	50,0	60,0	18,0	86,0	8	1,0
501 / M 133	[10]	24	60	15,875	9,65	10,16	18,0	31,0	23,0	40,0	45,0	50,0	60,0	14,0	82,0	6	1,0
548 / M 132	[10]	24	90	25,4	17,02	15,88	25,0	46,0	37,0	65,0	70,0	68,0	80,0	22,0	113,0	6	3,0

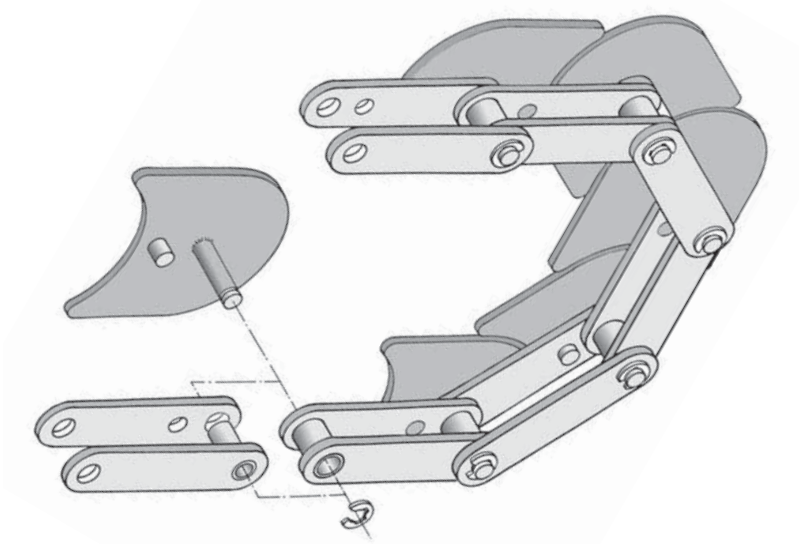
[10] can also be supplied in stainless steel

All designs can also be supplied as Marathon roller chains (maintenance-free), Biathlon and Biathlon KS as well as in stainless steel! For details on orders and enquiries see page 129. For untoleranced dimensions DIN ISO 2768 c applies.

Rodamientos y Componentes, S.L.







Chain	Weight	Minimum tensile strength
No.	kg/m	kN
2 DH-I	3,4	55,0

The main advantage compared to previous solutions is that the top plates are no component parts of the inner and outer links of the actual chain.

The plates are attached in the hollow pin as a separate assembly part. This specific DBGM protected construction characteristic (DBGM 295 05 477.8) allows for the top plates to be replaced even with a tensioned chain, i.e. the chain does not have to be separated.

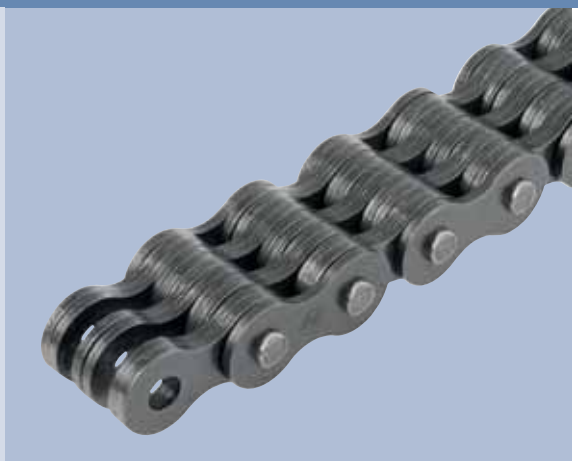
Due to an additional short pin attached to the top plate the plate is twist-secured. The floating assembly of the top plate can compensate minor height differences of the slideways.

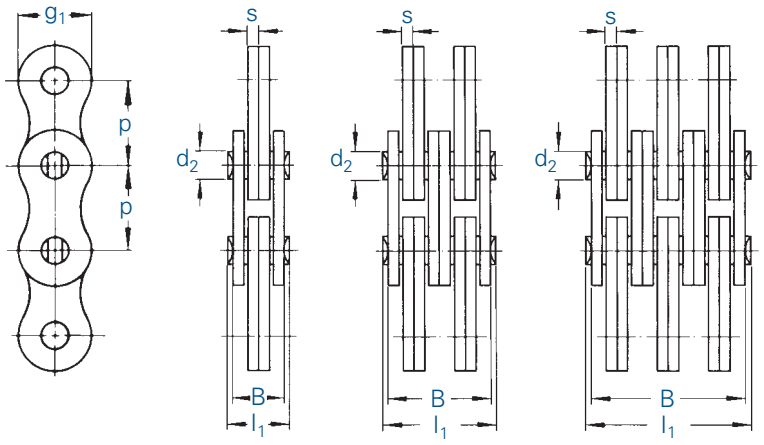
- Apart from that we have succeeded in considerably reducing the distance between the plates compared to previous solutions.
- The sickle-shaped conveyor plates allow unrestricted motion through narrow bends and curves.
- Owing to the special construction of the WIPPERMANN special top plate conveyor chain an identical run of the top plate and the basic chain is guaranteed.
- In order to facilitate assembly and disassembly, the top plates were mounted with circlips.
- The WIPPERMANN special top plate conveyor chain with its especially narrow chain plate construction ensures a larger bearing area of the top plates on the guide profiles.
- The top plates are coated and therefore have a high wear protection.
- The WIPPERMANN special top plate conveyor chain is fully compatible with other systems.

Top plate conveyor chains suitable for following curved paths are installed in particular for long conveyor distances and high loads.

Primarily, they are required by the beverage and food industry and by subcontractors to the automotive industry.

Sprockets on request.





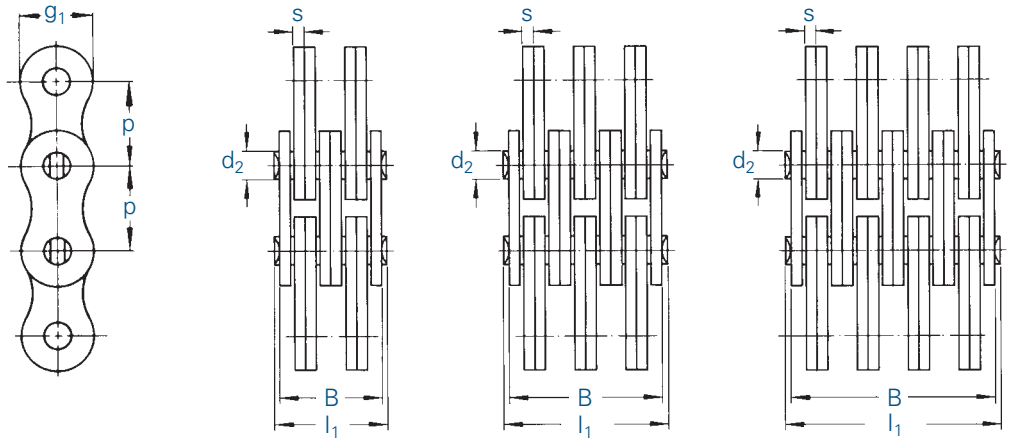
Abstract from DIN 8152

Chains may be assembled with chain parts according to DIN 8187. Therefore the actual pitch may deviate from the nominal pitch. The permissible length deviation refers to the length specification of the manufacturer and is ± 0,25 % under the measuring force.

Chain		DIN	Nominal pitch p		Lacing	Width over Pins l_1 max.	Width over Plates B max.	Pin Ø d_2 max.	Plate thickness s	Plate height g_1 max.	Effective length over 100 x pitch*	Bearing area f ≈	Minimum tensile strength DIN F_B min.	Weight q ≈
No.	Ind.	No.	mm	inch		mm	mm	mm	mm	mm	mm	cm²	kN	kg/m
F 122		LL 0822	12,7	½	2 x 2	9,0	6,4	4,45	1,55	10,7	1260	0,138	18,0	0,39
F 124		LL 0844	12,7	½	4 x 4	15,2	12,8	4,45	1,55	10,7	1260	0,276	36,0	0,74
F 126		LL 0866	12,7	½	6 x 6	21,4	19,0	4,45	1,55	10,7	1260	0,414	54,0	1,10
F 152		LL 1022	15,875	⅝	2 x 2	10,0	7,2	5,08	1,65	12,6	1580	0,175	26,0	0,50
F 154		LL 1044	15,875	⅝	4 x 4	17,1	14,5	5,08	1,65	12,6	1580	0,349	50,0	0,96
F 156		LL 1066	15,875	⅝	6 x 6	24,1	21,5	5,08	1,65	12,6	1580	0,524	78,0	1,39
F 192		LL 1222	19,05	¾	2 x 2	10,7	7,8	5,72	1,83	14,7	1892	0,209	33,0	0,59
F 194		LL 1244	19,05	¾	4 x 4	18,1	15,2	5,72	1,83	14,7	1892	0,419	66,0	1,15
F 196		LL 1266	19,05	¾	6 x 6	25,4	22,6	5,72	1,83	14,7	1892	0,628	99,0	1,70
F 194 S		-	19,05	¾	4 x 4	21,0	18,6	5,98	2,25	14,7	1905	0,515	76,5	1,40
F 196 S		-	19,05	¾	6 x 6	31,5	27,8	5,98	2,25	14,7	1905	0,772	115,0	2,10
F 252		LL 1622	25,4	1	2 x 2	17,2	12,8	8,28	3,00	21,1	2532	0,500	70,0	1,56
F 254		LL 1644	25,4	1	4 x 4	29,3	25,6	8,28	3,00	21,1	2532	0,994	140,0	3,04
F 256		LL 1666	25,4	1	6 x 6	41,3	37,5	8,28	3,00	21,1	2532	1,490	210,0	4,53
F 312		LL 2022	31,75	1 ¼	2 x 2	20,3	16,0	10,19	3,75	25,4	3170	0,750	105,0	2,01
F 314		LL 2044	31,75	1 ¼	4 x 4	36,5	32,0	10,19	3,75	25,4	3170	1,500	210,0	3,93
F 316		LL 2066	31,75	1 ¼	6 x 6	51,5	48,0	10,19	3,75	25,4	3170	2,250	315,0	5,86
F 382		LL 2422	38,1	1 ½	2 x 2	26,5	21,0	14,63	5,00	33,4	3797	1,460	175,0	4,18
F 384		LL 2444	38,1	1 ½	4 x 4	46,5	42,0	14,63	5,00	33,4	3797	2,930	350,0	8,48
F 386		LL 2466	38,1	1 ½	6 x 6	67,5	62,0	14,63	5,00	33,4	3797	4,390	525,0	12,20
F 502		LL 3222	50,8	2	2 x 2	30,5	25,0	17,81	6,00	43,0	5070	2,140	265,0	6,73
F 504		LL 3244	50,8	2	4 x 4	54,5	50,0	17,81	6,00	43,0	5070	4,280	530,0	13,10
F 506		LL 3266	50,8	2	6 x 6	80,5	74,0	17,81	6,00	43,0	5070	6,420	800,0	19,50
F 508		LL 3288	50,8	2	8 x 8	105,5	99,0	17,81	6,00	43,0	5070	8,560	1050,0	25,80
F 501		LL 3110	50,8	2	10 x 10	130,0	123,0	17,81	6,00	43,0	5070	10,850	1330,0	31,56
F 632		LL 4022	63,5	2 ½	2 x 2	44,7	33,2	22,89	8,00	52,0	6335	3,525	422,0	10,51
F 634		LL 4044	63,5	2 ½	4 x 4	77,9	65,6	22,89	8,00	52,0	6335	7,050	845,0	20,29
F 636		LL 4066	63,5	2 ½	6 x 6	111,1	98,0	22,89	8,00	52,0	6335	10,575	1270,0	29,74
F 638		LL 4088	63,5	2 ½	8 x 8	136,0	130,4	22,89	8,00	52,0	6335	14,100	1690,0	39,30

* Chain length tolerance ± 0,25 % of unoiled chain under measuring force.

For ordering examples, end links and connecting pins see page 67.



Chain		Nominal pitch		Lacing	Width over		Pin Ø	Plate		Effective length over 100 x pitch*	Bearing area	Minimum tensile strength	Weight
					Pins	Plates		thickness	height				
		p			l_1 max.	B max.	d_2 max.	s	g_1 max.		f ≈	F_B min.	q ≈
No.	Ind.	mm	inch		mm	mm	mm	mm	mm	mm	cm^2	kN	kg/m
FU 154		15,875	5/8	4 x 4	17,1	14,5	5,08	1,65	14,4	1596	0,350	52,0	1,2
FU 156		15,875	5/8	6 x 6	24,1	21,5	5,08	1,65	14,4	1596	0,524	78,0	1,8
FU 158		15,875	5/8	8 x 8	30,9	28,0	5,08	1,65	14,4	1596	0,699	102,0	2,3
FU 156 S		15,875	5/8	6 x 6	27,5	25,0	5,08	2,05	14,7	1596	0,625	83,5	2,1
FU 194		19,05	3/4	4 x 4	18,1	15,2	5,72	1,83	16,1	1907	0,419	66,0	1,4
FU 196		19,05	3/4	6 x 6	25,4	22,6	5,72	1,83	16,1	1907	0,628	99,0	2,3
FU 196 S		19,05	3/4	6 x 6	31,7	28,8	6,50	2,35	18,1	1907	0,917	130,0	2,9
FU 254		25,4	1	4 x 4	29,3	25,6	8,28	3,00	23,0	2550	0,994	140,0	3,5
FU 256		25,4	1	6 x 6	41,3	37,5	8,28	3,00	23,0	2550	1,490	210,0	5,0
FU 258		25,4	1	8 x 8	53,1	49,0	8,28	3,00	23,0	2550	1,987	280,0	6,8

* Chain length tolerance ± 0,25 % of unoiled chain under measuring force.

For ordering examples, end links and connecting pins see page 67. For information on the selection of chain sizes see pages 113 + 114.

LEAF CHAINS HEAVY DUTY DESIGN U TO WORKS-STANDARD

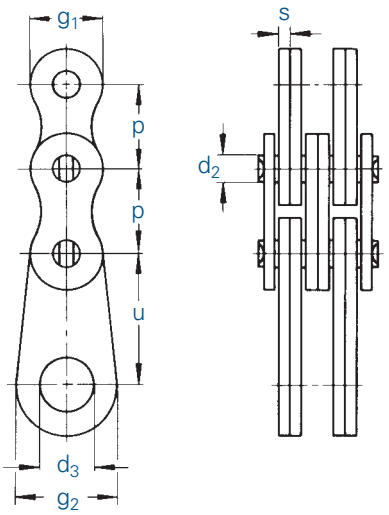
With chains of this type all plates are mounted with a sliding fit and are also secured with laterally attached riveted washers. This design guarantees an even load distribution and reduces the bending load of the pin. These chains have been designed to transport heavy loads under harsh conditions. They are particularly suitable for such applications due to their high fatigue strength.

Chain		Nominal pitch		Lacing	Width over		Pin Ø	Plate		Effective length over 100 x pitch*	Bearing area	Minimum tensile strength	Weight
					Pins	Plates		thickness	height				
		p			l_1 max.	B max.	d_2 max.	s	g_1 max.		f ≈	F_B min.	q ≈
No.	Ind.	mm	inch		mm	mm	mm	mm	mm	mm	cm^2	kN	kg/m
F 384 U		38,1	1 1/2	4 x 4	53,2	42,0	14,63	5,00	33,4	3802	2,926	354,0	9,1
F 386 U		38,1	1 1/2	6 x 6	75,2	62,0	14,63	5,00	33,4	3802	4,389	540,0	12,5
F 388 U		38,1	1 1/2	8 x 8	94,2	83,0	14,63	5,00	33,4	3802	5,852	700,0	16,5
F 504 U		50,8	2	4 x 4	60,2	50,0	17,81	6,00	43,0	5073	4,274	530,0	13,5
F 506 U		50,8	2	6 x 6	87,2	74,0	17,81	6,00	43,0	5073	6,412	800,0	20,0
F 508 U		50,8	2	8 x 8	111,2	99,0	17,81	6,00	43,0	5073	8,549	1050,0	26,5
F 501 U		50,8	2	10 x 10	135,0	123,0	17,81	6,00	43,0	5073	10,686	1330,0	33,1
F 634 U		63,5	2 1/2	4 x 4	81,2	70,0	22,89	8,00	52,0	6340	5,494	845,0	19,4
F 636 U		63,5	2 1/2	6 x 6	112,2	101,0	22,89	8,00	52,0	6340	10,990	1270,0	29,1
F 638 U		63,5	2 1/2	8 x 8	146,0	135,0	22,89	8,00	52,0	6340	14,650	1690,0	38,8

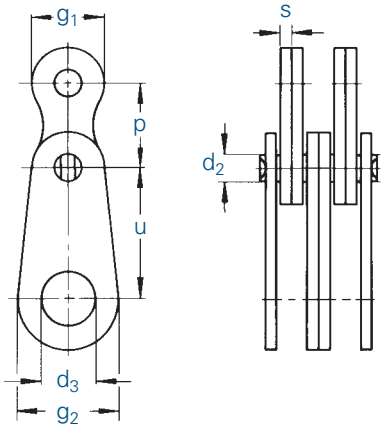
* Chain length tolerance ± 0,25 % of unoiled chain under measuring force.

Rodamientos y Componentes, S.L.

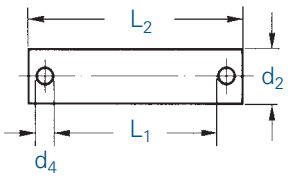
Inner end link
4 x 4



Outer end link
4 x 4



Connecting pin



Leaf chains are only supplied with end links on customers' request. The design with either outer or inner end link must be stated in the order.

Design of chain ends:

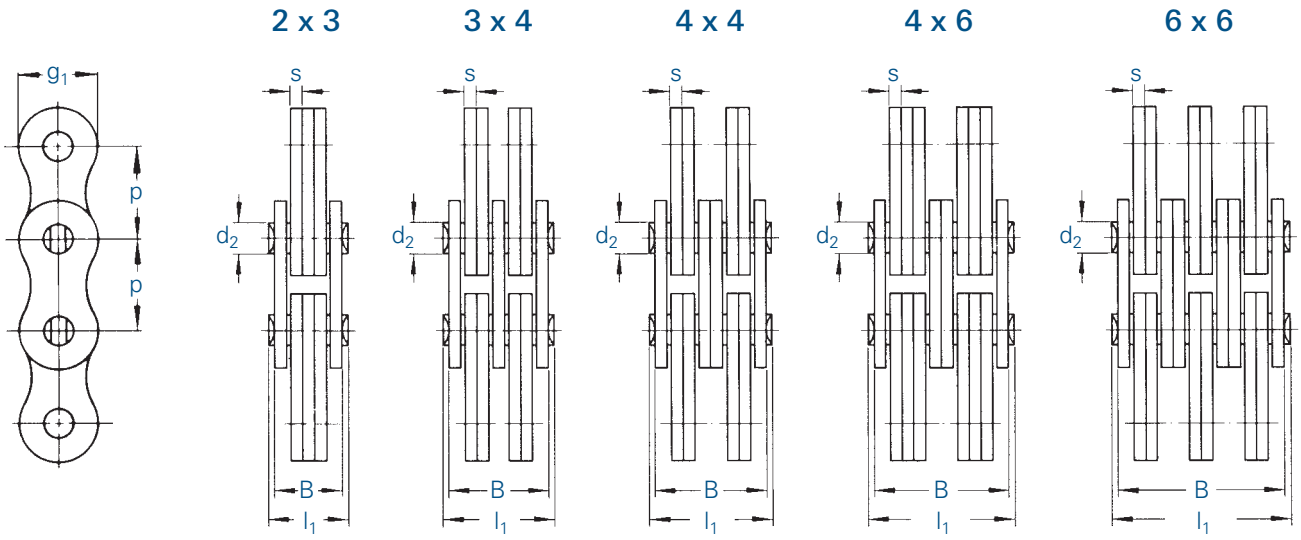
Only the normal links are counted

A Both sides with inner end links (uneven number of links)
B Both sides with outer end links (uneven number of links)
C One side with inner end link, other side with outer end link (even number of links)
D One side with inner end link, other side with inner link (even number of links)
E One side with outer end link, other side with outer link (even number of links)
F One side with inner end link, other side with outer link (uneven number of links)
G One side with outer end link, other side with inner link (uneven number of links)
H Both sides with inner links (uneven number of links)
I Both sides with outer links (uneven number of links)
K One side with inner link, other side with outer link (even number of links)

Designation of a leaf chain design A with 25,4 mm pitch, combination 4 x 4, 45 normal links and end links on both sides:
F 254 A x 45

Chain		Nominal pitch		End plates						d_2	d_4	Connecting pins							
												2 x 2		4 x 4		6 x 6		8 x 8	
		p		u	d_2	d_3	g_1	g_2	s			L_1	L_2	L_1	L_2	L_1	L_2	L_1	L_2
No.	Ind.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
F 12		12,7	½	30	4,45	10,0	10,5	20	1,55	4,45	1,6	6,8	13,0	13,6	19,8	20,4	26,6	-	-
F 15		15,875	⅝	30	5,08	10,0	12,5	20	1,70	5,08	1,6	7,4	13,6	14,8	21,0	21,8	28,0	-	-
F 19		19,05	¾	30	5,72	10,0	14,5	20	1,80	5,72	1,6	8,0	14,2	15,4	21,6	22,9	29,1	-	-
F 25		25,4	1	45	8,28	16,0	21,0	35	3,00	8,28	3,4	13,0	23,8	25,9	36,7	38,0	48,8	51,0	61,8
F 31		31,75	1 ¼	45	10,19	16,0	24,5	35	3,80	10,19	3,4	16,4	27,2	32,4	43,2	48,5	59,3	64,8	75,6
F 38		38,1	1 ½	60	14,63	26,0	33,0	50	5,00	14,63	4,2	21,3	33,7	42,4	54,8	63,5	75,9	84,8	97,2
F 50		50,8	2	70	17,81	36,0	43,0	70	6,00	17,81	4,2	25,5	37,9	50,5	62,9	75,5	87,9	100,7	113,0
F 63		63,5	2 ½	90	22,89	45,0	52,0	80	8,00	22,89	5,2	-	-	66,4	86,8	99,6	120,0	132,8	153,2
FU 12		12,7	½	30	4,45	10,0	11,5	20	1,55	4,45	1,6	-	-	13,6	19,8	20,4	26,6	-	-
FU 15		15,875	⅝	30	5,08	10,0	14,5	20	1,70	5,08	1,6	-	-	14,8	21,0	21,8	28,0	28,3	34,5
FU 15 S		15,875	⅝	20	5,08	8,3	14,7	18	2,00	5,08	1,6	-	-	-	-	30,9	37,5	-	-
FU 19		19,05	¾	30	5,72	10,0	15,4	20	1,80	5,72	1,6	-	-	15,4	21,6	22,9	29,1	-	-
FU 19 S		19,05	¾	25	6,50	10,3	18,0	20	2,30	6,50	1,6	-	-	19,6	25,8	29,3	35,5	-	-
FU 25		25,4	1	45	8,28	16,0	21,0	35	3,00	8,28	3,4	-	-	25,9	36,7	38,0	48,8	51	61,8
F 38 U		38,1	1 ½	60	14,63	26,0	33,0	50	5,00	14,63	4,2	-	-	48,4	61,0	70,0	82,4	90,8	103,2
F 50 U		50,8	2	70	17,81	36,0	43,0	70	6,00	17,81	4,2	-	-	56,5	68,9	81,5	93,9	106,8	119,2
F 63 U		63,5	2 ½	90	22,89	45,0	52,0	80	8,00	22,89	5,2	-	-	72,4	92,8	105,6	126,0	138,8	159,2

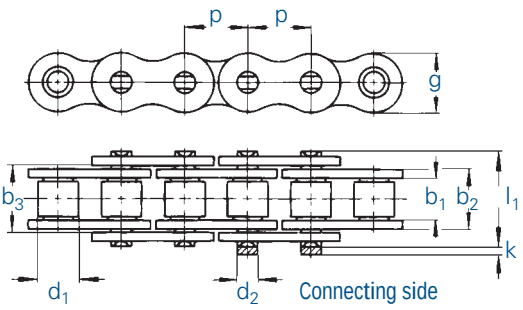
Other dimensions on request.



Chain		DIN	Nominal pitch		Lacing	Width over		Pin Ø	Plate		Effective length over 100 x pitch*	Bearing area	Minimum tensile strength DIN	Weight
						Pins	Plates		thickness	height				
			p			l_1 max.	B max.	d_2 max.	s	g_1 max.		f ≈	F_B min.	q ≈
No.	Ind.	No.	mm	inch		mm	mm	mm	mm	mm	mm	cm^2	kN	kg/m
BL 523		LH 1023	15,875	⅝	2 x 3	15,3	12,6	5,95	2,46	15,1	1592	0,43	33,4	1,18
BL 534		LH 1034	15,875	⅝	3 x 4	20,3	17,5	5,95	2,46	15,1	1592	0,57	50,1	1,63
BL 544		LH 1044	15,875	⅝	4 x 4	22,7	20,0	5,95	2,46	15,1	1592	0,57	66,8	1,86
BL 546		LH 1046	15,875	⅝	4 x 6	27,7	24,8	5,95	2,46	15,1	1592	0,86	66,8	2,32
BL 566		LH 1066	15,875	⅝	6 x 6	32,1	29,7	5,95	2,46	15,1	1592	0,86	100,2	2,77
BL 823		LH 1623	25,4	1	2 x 3	25,4	21,1	9,53	4,06	24,0	2544	1,11	84,5	2,98
BL 834		LH 1634	25,4	1	3 x 4	33,7	29,2	9,53	4,06	24,0	2544	1,49	126,8	4,14
BL 844		LH 1644	25,4	1	4 x 4	37,9	33,2	9,53	4,06	24,0	2544	1,49	169,0	4,72
BL 846		LH 1646	25,4	1	4 x 6	46,1	41,4	9,53	4,06	24,0	2544	2,23	169,0	5,88
BL 866		LH 1666	25,4	1	6 x 6	54,4	49,4	9,53	4,06	24,0	2544	2,23	253,6	7,04

* Chain length tolerance ± 0,25 % of unoiled chain under measuring force.

For a pre-selection of leaf chains see page 113 + 114.



Chain		Pitch	Inner width	Inner link width	Outer plate width	Roller Ø	Pin Ø	Plate height	Projection over connecting link	Width over pin	Bearing area	Minimum tensile strength	Weight	Connecting links
		p	b_1 min.	b_2 max.	b_3 min.	d_1 max.	d_2 max.	g max.	k max.	l_1 max.	f	F_B min.	q ≈	
No.	Ind.	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm^2	kN	kg/m	No.
450 RF	10,11	8,0	3,00	4,77	4,90	5,00	2,31	7,1	3,1	8,6	0,11	4,0	0,18	4,7,11
331 RF	10,11	12,7	3,30	5,80	5,93	7,75	3,66	9,9	1,5	10,2	0,21	7,0	0,28	4,7,11,15
332 RF	10,11	12,7	4,88	7,20	7,33	7,75	3,66	9,9	1,5	11,2	0,28	7,0	0,33	4,7,11,15
462 RF	7	12,7	7,75	11,30	11,43	8,51	4,45	11,8	3,9	17,0	0,50	12,0	0,70	4,7,11,12,15
501 RF		15,875	9,65	13,28	13,41	10,16	5,08	14,7	4,1	19,6	0,67	14,5	0,91	4,7,11,12,15
513 RF		19,05	11,68	15,62	15,75	12,07	5,72	16,1	4,6	22,7	0,89	18,5	1,18	4,7,11,12,15
548 RF	11	25,4	17,02	25,40	25,60	15,88	8,28	21,0	5,4	36,1	2,10	40,0	2,50	4,7,111,12
35 RF	2,11	9,525	4,68	7,47	7,52	5,08	3,58	9,1	3,3	13,2	0,27	6,0	0,35	4,7,11
40 RF	10,11	12,7	7,85	11,15	11,28	7,95	3,96	12,0	3,9	17,8	0,44	10,5	0,61	4,7,11,12,15
60 RF	11	19,05	12,57	17,70	17,85	11,91	5,94	18,0	4,6	26,9	1,05	20,0	1,58	4,7,11,12
455 RFGL	10,11	9,525	5,72	8,53	8,66	6,35	3,28	8,2	3,3	13,5	0,28	7,0	0,41	4,7,11,12,15
455 RFKIGL	2,7,10	9,525	5,72	8,53	8,66	6,35	3,28	8,2	3,3	13,5	0,28	1,0	0,41	4,7,11,12,15
462 RFGL	2	12,7	7,75	11,30	11,43	8,51	4,45	11,5	3,9	17,0	0,50	12,0	0,78	4,7,11,12,15
501 RFGL		15,875	9,65	13,28	13,41	10,16	5,08	14,2	4,1	19,6	0,67	14,5	1,03	4,7,11,12,15
513 RFGL		19,05	11,68	15,62	15,75	12,07	5,72	15,5	4,6	22,7	0,89	18,5	1,29	4,7,11,12,15
548 RFGL	11	25,4	17,02	25,40	25,60	15,88	8,28	24,0	5,4	36,1	2,10	40,0	3,29	4,7,111,12
548 RFGLS	11	25,4	17,02	25,40	25,60	15,88	8,28	21,0	5,4	36,1	2,10	40,0	2,90	4,7,111,12

[2] without rollers (DIN 8154) [7] inner links made entirely of plastic, maintenance-free chain [10] connecting link No. 12 only with attached riveted bolts
[11] sprockets on request

Roller chains RF (stainless steel) - type series GL (straight plates) can also be supplied as multiplex roller chains.
For details on orders and enquiries see page 128. For sprockets RF (stainless steel) see page 83.

Connecting links: According to DIN (...)

No. 4 (B)

Inner link

No. 7 (A)

Outer link
(to be riveted)

No. 11 (E)

Spring clip
connecting link

No. 111 (S)

Connecting link with
cottered pin

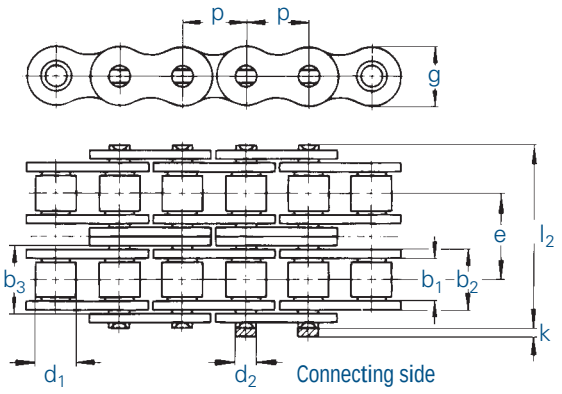
No. 12 (L)

Single
cranked link

No. 15 (C)

Double
cranked link

Rodamientos y Componentes, S.L.



Chain		Pitch	Inner width	Inner link width	Outer plate width	Roller Ø	Pin Ø	Trans-verse pitch	Plate height	Projection over connec-ting link	Width over pin	Bearing area	Minimum tensile strength	Weight	Connecting links
		p	b_1 min.	b_2 max.	b_3 min.	d_1 max.	d_2 max.	e	g max.	k max.	l_2 max.	f	F_B min.	q ≈	
No.	Ind.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm^2	kN	kg/m	No.
D450 RF		8,0	3,00	4,77	4,90	5,00	2,31	5,64	7,1	3,1	14,3	0,22	6,00	0,36	4,7,11,15
D455 RF	1	9,525	5,72	8,53	8,66	6,35	3,28	10,24	8,2	3,3	23,8	0,56	11,90	0,78	4,7,11,15
D462 RF		12,7	7,75	11,30	11,43	8,51	4,45	13,92	11,8	3,9	31,0	1,01	20,40	1,36	4,7,11,12,15
D501 RF		15,875	9,65	13,28	13,41	10,16	5,08	16,59	14,7	4,1	36,2	1,34	24,65	1,82	4,7,11,12,15
D513 RF		19,05	11,68	15,62	15,75	12,07	5,72	19,46	16,1	4,6	42,2	1,79	31,45	2,38	4,7,11,12,15
D548 RF		25,4	17,02	25,40	25,60	15,88	8,28	31,88	21,0	5,4	68,0	4,21	68,00	5,10	4,7,111,12
35-2 RF		9,525	4,68	7,47	7,52	5,08	3,58	10,13	9,0	3,3	23,4	0,53	12,00	0,70	11,12,15
40-2 RF		12,7	7,85	11,15	11,28	7,95	3,96	14,38	12,0	3,9	32,3	0,88	17,85	1,20	11,12,15
60-2 RF		19,05	12,57	17,70	17,85	11,91	5,94	22,78	18,0	4,6	49,8	2,10	34,00	3,14	4,7,11,12

[1] with straight side plates

For details on orders and enquiries see page 128. Sprockets on request.

Connecting links: According to DIN (...)

No. 4 (B)

Inner link

No. 7 (A)

Outer link
(to be riveted)

No. 11 (E)

Spring clip
connecting link

No. 111 (S)

Connecting link with
cottered pin

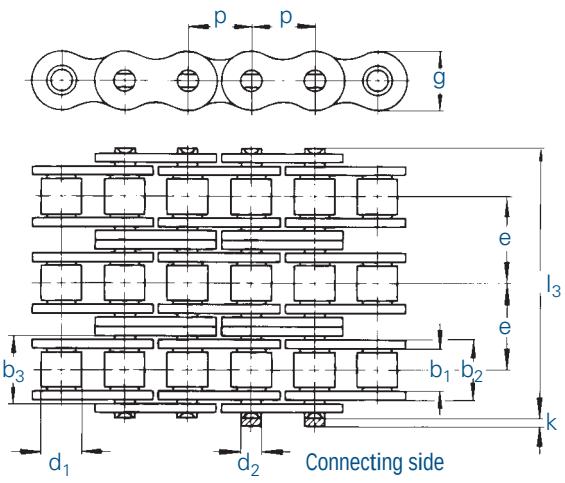
No. 12 (L)

Single
cranked link

No. 15 (C)

Double
cranked link

Rodamientos y Componentes, S.L.



Chain		Pitch		Inner width	Inner link width	Outer plate width	Roller Ø	Pin Ø	Trans-verse pitch	Plate height	Projec-tion over connec-ting link	Width over pin	Bearing area	Minimum tensile strength	Weight	Connecting links
		p		b_1 min.	b_2 max.	b_3 min.	d_1 max.	d_2 max.	e	g max.	k max.	l_3 max.	f	F_B min.	q ≈	
No.	Ind.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm^2	kN	kg/m	No.
T 455 RF	[1]	9,525	⅜	5,72	8,53	8,66	6,35	3,28	10,24	8,2	3,3	34,0	0,81	18,9	1,18	11,12,15
T 462 RF		12,7	½	7,75	11,30	11,43	8,51	4,45	13,92	11,8	3,9	44,9	1,51	32,5	2,01	11,12,15
T 501 RF		15,875	⅝	9,65	13,28	13,41	10,16	5,08	16,59	14,7	4,1	52,8	2,02	39,0	2,70	11,12,15
T 513 RF		19,05	¾	11,68	15,62	15,75	12,07	5,72	19,46	16,1	4,6	61,7	2,68	49,5	3,12	11,12,15
T 548 RF		25,4	1	17,02	25,40	25,60	15,88	8,28	31,88	21,0	5,4	99,9	6,31	108,0	7,50	11,111,12

[1] with straight side plates

For details on orders and enquiries see page 128, Sprockets on request.
Information on the selection of chain sizes and drives as of page 115.

Connecting links: According to DIN (...)

No. 4 (B)

Inner link

No. 7 (A)

Outer link
(to be riveted)

No. 11 (E)

Spring clip
connecting link

No. 111 (S)

Connecting link
with cottered pin

No. 12 (L)

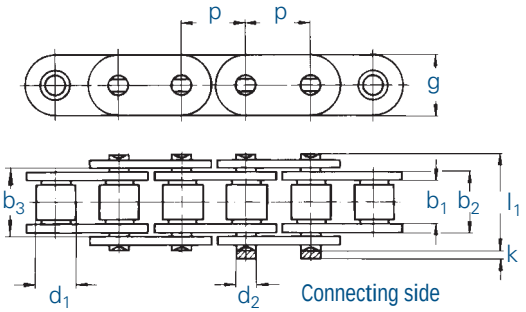
Single
cranked link

No. 15 (C)

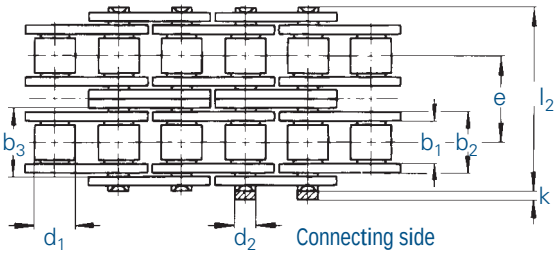
Double
cranked link

Rodamientos y Componentes, S.L.

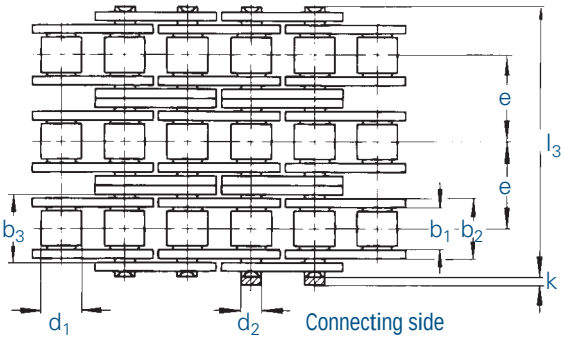
Simplex chains



Duplex chains



Triplex chains



Chain		Pitch		Inner width	Inner link width	Outer plate width	Roller Ø	Pin Ø	Trans-verse pitch	Plate height	Projec-tion over connec-ting link	Width over pin	Bearing area	Minimum tensile strength DIN	Minimum tensile strength	Weight	Connecting links
		p		b_1 min.	b_2 max.	b_3 min.	d_1 max.	d_2 max.	e	g max.	k max.	l max.	f	F_B min.	F_B min.	q ≈	
No.	Ind.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm²	kN	kN	kg/m	No.
455 GL		9,525	⅜	5,72	8,53	8,66	6,35	3,28	-	8,2	3,3	13,5	0,28	9,0	9,6	0,41	4,7,11,12,15
462 GL		12,7	½	7,75	11,30	11,43	8,51	4,45	-	11,5	3,9	17,0	0,50	18,0	18,6	0,78	4,7,11,12
501 GL		15,875	⅝	9,65	13,28	13,41	10,16	5,08	-	14,2	4,1	19,6	0,67	22,4	27,0	1,03	4,7,11
513 GL		19,05	¾	11,68	15,62	15,75	12,07	5,72	-	15,5	4,6	22,7	0,89	29,0	31,0	1,29	4,7,11,12
60 GL		19,05	¾	12,57	17,70	17,85	11,91	5,94	-	18,0	4,6	26,9	1,05	31,8	41,0	1,58	4,7,11
60 HGL		19,05	¾	12,57	19,45	19,60	11,91	5,94	-	18,0	4,6	28,9	1,16	31,8	41,0	1,94	4,7,11
548 GL		25,4	1	17,02	25,40	25,60	15,88	8,28	-	24,0	5,4	36,1	2,10	60,0	72,0	3,29	4,7,11
548 GLS		25,4	1	17,02	25,40	25,60	15,88	8,28	-	21,0	5,4	36,1	2,10	60,0	72,0	2,90	4,7,11,12
563 GL		31,75	1 ¼	19,56	29,00	29,20	19,05	10,19	-	26,4	6,1	43,2	2,95	95,0	105,0	4,13	4,7,11,12
596 GL		38,1	1 ½	25,40	37,90	38,20	25,4	14,63	-	33,4	6,6	53,4	5,54	160,0	180,0	7,34	4,7,111,12
455 GL-2		9,525	⅜	5,72	8,53	8,66	6,35	3,28	10,24	8,2	3,3	23,8	0,56	16,9	17,4	0,86	4,7,11,12,15
462 GL-2		12,7	½	7,75	11,30	11,43	8,51	4,45	13,92	11,5	3,9	31,0	1,01	32,0	37,0	1,50	4,7,11,12
501 GL-2		15,875	⅝	9,65	13,28	13,41	10,16	5,08	16,59	14,2	4,1	36,2	1,34	44,5	54,0	2,00	4,7,11
513 GL-2		19,05	¾	11,68	15,62	15,75	12,07	5,72	19,46	15,5	4,6	42,2	1,79	57,8	63,0	2,62	4,7,11,12
60 GL-2		19,05	¾	12,57	17,70	17,85	11,91	5,94	22,78	18,0	4,6	49,8	2,10	63,6	76,0	3,08	4,7,11
548 GL-2		25,4	1	17,02	25,40	25,60	15,88	8,28	31,88	24,0	5,4	68,0	4,21	106,0	140,0	6,59	4,7,11
548 GLS-2		25,4	1	17,02	25,40	25,60	15,88	8,28	31,88	21,0	5,4	68,0	4,21	106,0	140,0	5,85	4,7,11
563 GL-2		31,75	1 ¼	19,56	29,00	29,20	19,05	10,19	36,45	26,4	6,1	79,0	5,91	170,0	210,0	8,03	4,7,11,12
596 GL-2		38,1	1 ½	25,40	37,92	38,20	25,4	14,63	48,36	33,4	6,6	101,0	11,09	280,0	360,0	14,47	4,7,111,12
455 GL-3		9,525	⅜	5,72	8,53	8,66	6,35	3,28	10,24	8,2	3,3	34,0	0,81	24,9	24,9	1,30	4,7,11,12,15
462 GL-3		12,7	½	7,75	11,30	11,43	8,51	4,45	13,92	11,5	3,9	44,9	1,51	47,5	56,0	2,21	4,7,11,12
501 GL-3		15,875	⅝	9,65	13,28	13,41	10,16	5,08	16,59	14,2	4,1	52,8	2,02	66,7	80,0	2,97	4,7,11
513 GL-3		19,05	¾	11,68	15,62	15,75	12,07	5,72	19,46	15,5	4,6	61,7	2,68	86,7	94,0	3,43	4,7,11,12
60 GL-3		19,05	¾	12,57	17,70	17,85	11,91	5,94	22,78	18,0	4,6	72,6	3,15	95,4	105,0	4,58	4,7,11
548 GL-3		25,4	1	17,02	25,40	25,60	15,88	8,28	31,88	24,0	5,4	99,9	6,31	160,0	211,0	9,88	4,7,11
548 GLS-3		25,4	1	17,02	25,40	25,60	15,88	8,28	31,88	21,0	5,4	99,9	6,31	160,0	211,0	8,50	4,7,11
563 GL-3		31,75	1 ¼	19,56	29,00	29,20	19,05	10,19	36,45	26,4	6,1	116,0	8,87	250,0	300,0	11,66	4,7,11,12
596 GL-3		38,1	1 ½	25,40	37,90	38,20	25,40	14,63	48,36	33,4	6,6	150,0	16,63	425,0	523,0	22,00	4,7,111,12

Electrogalvanised or nickel-plated chains on request. In this case chains may only have 80 % of the tensile strength.

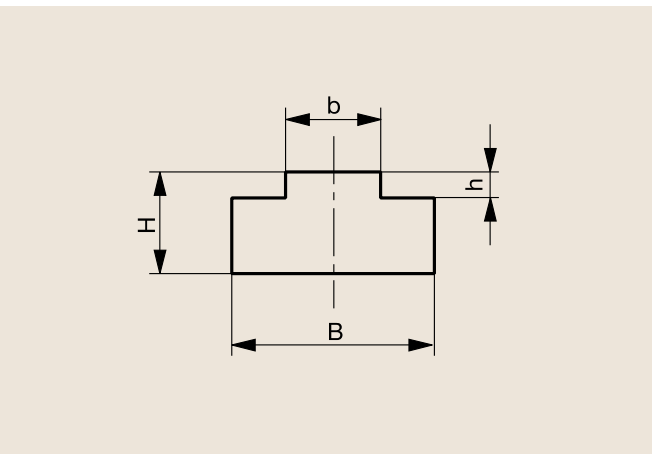
For details on orders and enquiries see page 128. Standard sprockets as of page 75.
Information on the selection of chain sizes and drives as of page 115.

Chain Guides for Roller Chains as per DIN 8187

TYPE T

DIN 8187 chain no.	Chain dimensions	B	H	b	h	Article no.	Availability
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 17mm	40	15	16.0	3.5	221 010 018	●
16B-1	1“ x 17mm	40	20	16.0	3.5	221 010 019	●
16B-1	1“ x 17mm	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 31mm	75	20	30.0	6.8	221 010 023	○
32B-1	2“ x 31mm	80	20	30.0	7.7	221 010 024	○

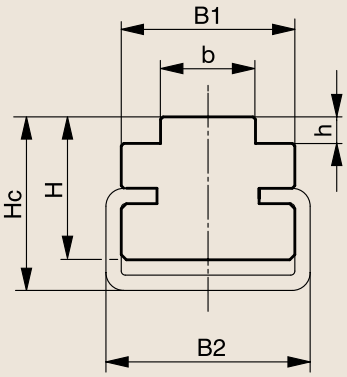
● Stocked ○ Available within 10 days Dimensions in mm



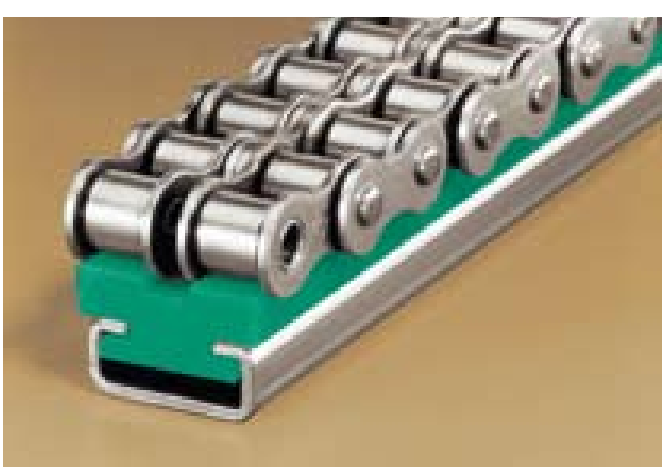
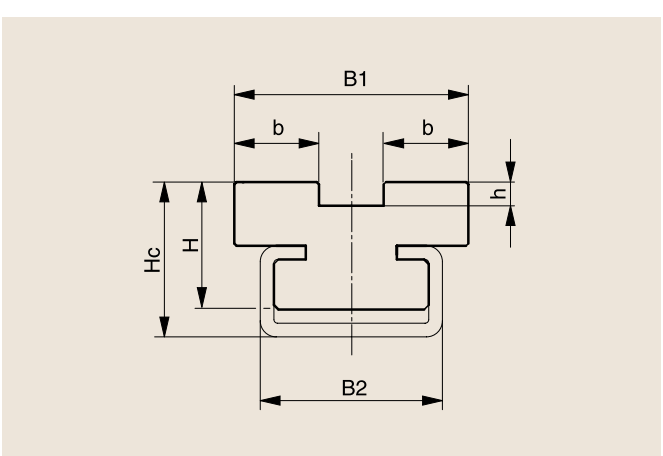
TYPE CT

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

● Stocked ○ Available within 10 days Dimensions in mm



TYPE CT-DUPLEX

DIN 8187 chain no.	Chain dimensions in inches	C profile type	B1	B2	H	Hc	b	h	Article no.	Availability
06B-2	3/8“ x 7/32“	C3	15.6	20	14	17	5.3	1.5	221 210 022 351 020 003	● ●
08B-2	1/2“ x 5/16“	C3	21.2	20	14	17	7.2	2.2	221 210 016 351 020 003	● ●
10B-2	5/8“ x 3/8“	C3	25.6	20	14	17	9.0	2.6	221 210 017 351 020 003	● ●
12B-2	3/4“ x 7/16“	C5	30.4	28	15	20	10.9	2.4	221 210 018 351 020 005	● ●
16B-2	1“ x 17mm	C9	47.8	38	20	27	15.8	3.5	221 210 019 351 020 009	○ ○
20B-2	1 1/4“ x 3/4“	C12	54.7	60	22	30	18.2	4.2	221 210 020 351 020 012	○ ○
24B-2	1 1/2“ x 1“	C12	72.0	60	25	35	23.6	5.5	221 210 021 351 020 012	○ ○

● Stocked ○ Available within 10 days Dimensions in mm