

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	Breaking load ISO	Brea-king load	Weight	Connecting links		
ISO		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.		
No.	Ind.	No.	mm	inch	mm	mm	mm	mm	mm	mm	cm ²	kN	kN	kg/m	No.		
440		03	5,000	-	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	6,000	-	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	8,000	-	3,00	4,77	4,90	5,00	2,31	7,1	3,1	8,6	0,11	4,4	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
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	8,9	9,6	0,41	11,12,15
331		081	12,700	1/2	3,30	5,80	5,93	7,75	3,66	9,9	1,5	10,2	0,21	8,0	9,1	0,28	11,12,15
332		-	12,700	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
17		083	12,700	1/2	4,88	7,90	8,03	7,75	4,09	10,3	1,5	12,9	0,32	11,6	13,2	0,42	11,12,15
385		-	12,700	1/2	6,40	9,78	9,91	7,75	3,97	11,5	3,9	15,4	0,38	17,1	17,1	0,50	11,12,15
461		-	12,700	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	12,700	1/2	7,75	11,30	11,43	8,51	4,45	11,8	3,9	17,0	0,50	17,8	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	22,2	27,0	0,91	11,12,15
513		12 B-1	19,050	3/4	11,68	15,62	15,75	12,07	5,72	16,1	4,6	22,7	0,89	28,9	31,0	1,18	11,12,15
548		16 B-1	25,400	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		-	30,000	-	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	31,750	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	38,100	1 1/2	25,40	37,90	38,10	25,40	14,63	33,4	6,6	53,4	5,54	160,0	180,0	6,80	111,12
613		28 B-1	44,450	1 3/4	30,99	46,60	46,70	27,94	15,90	37,0	7,4	65,1	7,39	200,0	230,0	8,50	111,12
652		32 B-1	50,800	2	30,99	45,60	45,70	29,21	17,81	42,3	7,9	67,4	8,10	250,0	276,0	10,50	111,12
671		40 B-1	63,500	2 1/2	38,10	55,70	55,90	39,37	22,89	52,9	10,20	82,6	12,75	355,0	405,0	16,40	111,12
679		48 B-1	76,200	3	45,72	70,50	70,70	48,26	29,24	63,9	10,50	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 148. Standard sprockets as of page 103. Information on the selection of chain sizes and drives as of page 136.

Connecting links: According to ISO (...)



No. 4 (B)
Inner link



No. 7 (A)
Outer link
(to be riveted)



No. 11 (E)
Spring clip
connecting link



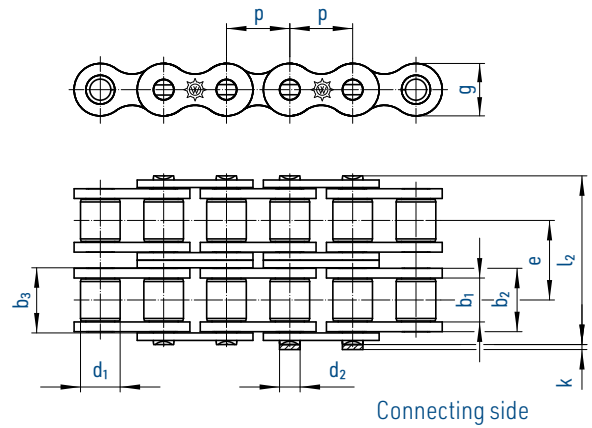
No. 111 (S)
Connecting link
with cottered pin



No. 12 (L)
Single
cranked link



No. 15 (C)
Double
cranked link



Chain		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	Breaking load ISO	Breaking load	Weight	Connecting links	
No.	Ind.	ISO	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.
		No.	mm inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	kN	kN	kg/m
D 445		-	6,000 -	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	8,000 -	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 3/8	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	11,12,15
D 462		08 B-2	12,700 1/2	7,75	11,30	11,43	8,51	4,45	13,92	11,8	3,9	31,0	1,01	31,1	37,0	1,36	11,12,15
D 501		10 B-2	15,875 5/8	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	19,050 3/4	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	25,400 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	31,750 1 1/4	19,56	29,00	29,20	19,05	10,19	36,45	26,4	6,1	79,7	5,91	170,0	210,0	7,30	11,111,12
D 596		24 B-2	38,100 1 1/2	25,40	37,90	38,10	25,40	14,63	48,36	33,4	6,6	101,8	11,09	280,0	360,0	13,40	111,12
D 613		28 B-2	44,450 1 3/4	30,99	46,60	46,70	27,94	15,90	59,56	37,0	7,4	124,7	14,79	360,0	443,0	16,60	111,12
D 652		32 B-2	50,800 2	30,99	45,60	45,70	29,21	17,81	58,55	42,3	7,9	126,0	16,21	450,0	530,0	21,00	111,12
D 671		40 B-2	63,500 2 1/2	38,10	55,70	55,90	39,37	22,89	72,29	52,9	10,2	154,9	25,50	630,0	806,0	32,60	111,12
D 679		48 B-2	76,200 3	45,72	70,50	70,70	48,26	29,24	91,21	63,9	10,5	190,4	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 148. Standard sprockets as of page 103. Information on the selection of chain sizes and drives as of page 136.

Connecting links: According to ISO (...)



No. 4 (B)
Inner link



No. 7 (A)
Outer link
(to be riveted)



No. 11 (E)
Spring clip
connecting link



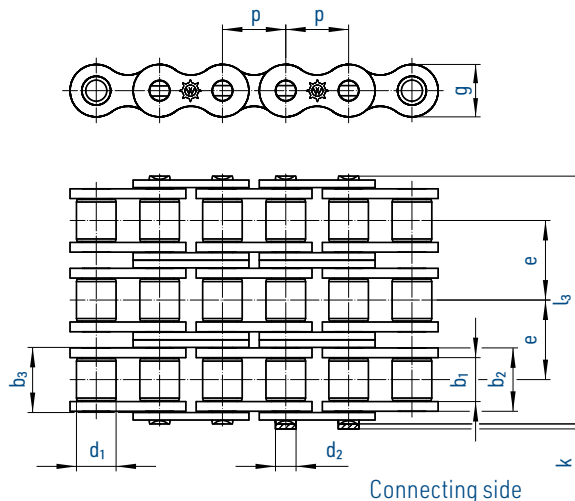
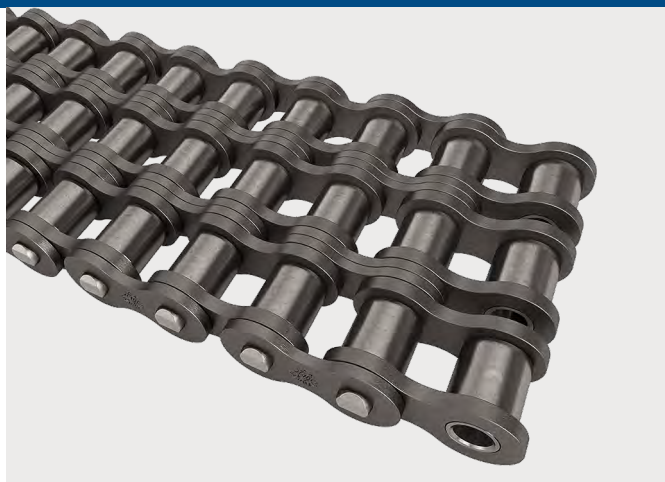
No. 111 (S)
Connecting link with
cottered pin



No. 12 (L)
Single
cranked link



No. 15 (C)
Double
cranked link



Chain		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	Breaking load ISO	Breaking load	Weight	Connecting links		
	ISO	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.		
No.	Ind.	No.	mm	inch	mm	mm	mm	mm	mm	mm	mm	cm ²	kN	kN	kg/m	No.		
T 450		05 B-3	8,000		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	$\frac{3}{8}$	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	12,700	$\frac{1}{2}$	7,75	11,30	11,43	8,51	4,45	13,92	11,8	3,9	44,9	1,51	44,5	56,0	2,01	11,12,15
T 501		10 B-3	15,875	$\frac{5}{8}$	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	19,050	$\frac{3}{4}$	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	25,400	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	31,750	1 $\frac{1}{4}$	19,56	29,00	29,20	19,05	10,19	36,45	26,4	6,1	116,1	8,87	250,0	300,0	10,60	11,111,12
T 596		24 B-3	38,100	1 $\frac{1}{2}$	25,40	37,90	38,10	25,40	14,63	48,36	33,4	6,6	150,2	16,63	425,0	523,0	20,00	111,12
T 613		28 B-3	44,450	1 $\frac{3}{4}$	30,99	46,60	46,70	27,94	15,90	59,56	37,0	7,4	184,3	22,18	530,0	660,0	25,00	111,12
T 652		32 B-3	50,800	2	30,99	45,60	45,70	29,21	17,81	58,55	42,3	7,9	184,5	24,31	670,0	800,0	32,00	111,12
T 671		40 B-3	63,500	2 $\frac{1}{2}$	38,10	55,70	55,90	39,37	22,89	72,29	52,9	10,2	227,2	38,25	950,0	1140,0	48,70	111,12
T 679		48 B-3	76,200	3	45,72	70,50	70,70	48,26	29,24	91,21	63,9	10,5	281,6	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 148. Standard sprockets as of page 103. Information on the selection of chain sizes and drives as of page 136.

Connecting links: According to ISO (...)



No. 4 (B)
Inner link



No. 7 (A)
Outer link
(to be riveted)



No. 11 (E)
Spring clip
connecting link



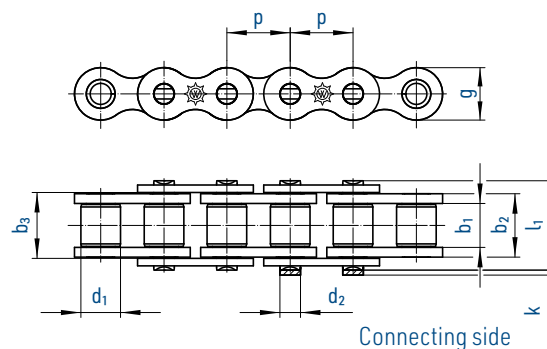
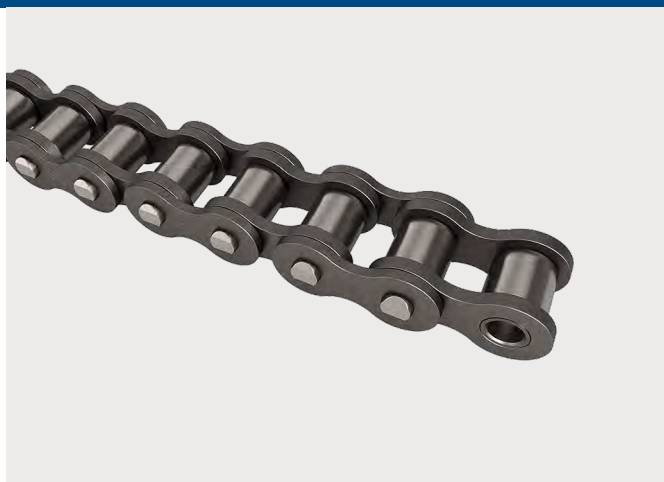
No. 111 (S)
Connecting link
with cottered pin



No. 12 (L)
Single
cranked link



No. 15 (C)
Double
cranked link



Chain		Pitch	Inner width	Inner link width	Outer plate width	Roller Ø	Pin Ø	Plate height	Projection over connecting link	Width over pin	Bearing area	Breaking load ISO	Breaking load	Weight	Connecting links		
ISO		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.		
No.	Ind.	No.	mm	inch	mm	mm	mm	mm	mm	mm	cm ²	kN	kN	kg/m	No.		
25	²	04 C-1	6,350	1/4	3,10	4,80	4,85	3,30	2,31	6,0	2,5	9,1	0,11	3,5	3,5	0,13	11,15
35	²	06 C-1	9,525	3/8	4,68	7,46	7,52	5,08	3,60	9,1	3,3	13,2	0,27	7,9	10,2	0,35	11,12,15
40		08 A-1	12,700	1/2	7,85	11,17	11,23	7,92	3,98	12,0	3,9	17,8	0,44	13,9	16,5	0,60	11,12,15
50		10 A-1	15,875	5/8	9,40	13,84	13,90	10,16	5,09	15,1	4,1	21,8	0,70	21,8	30,0	1,01	11,12,15
60	⁹	12 A-1	19,050	3/4	12,57	17,75	17,81	11,91	5,96	18,1	4,6	26,9	1,05	31,3	40,0	1,58	11,111,12,15
80	⁹	16 A-1	25,400	1	15,75	22,60	22,66	15,88	7,94	24,1	5,4	33,5	1,78	55,6	69,0	2,36	11,111,12
100	⁹	20 A-1	31,750	1 1/4	18,90	27,45	27,51	19,05	9,54	30,2	6,1	41,1	2,61	87,0	92,5	3,80	111,12
120	⁹	24 A-1	38,100	1 1/2	25,22	35,45	35,51	22,23	11,11	36,2	6,6	50,8	3,92	125,0	139,0	5,40	111,12
140	⁹	28 A-1	44,450	1 3/4	25,22	37,18	37,24	25,40	12,71	42,2	7,4	54,9	4,70	170,0	178,5	7,30	111,12
160	⁹	32 A-1	50,800	2	31,55	45,21	45,26	28,58	14,29	48,2	7,9	65,5	6,42	223,0	231,0	9,90	111,12
200	⁹	40 A-1	63,500	2 1/2	37,85	54,88	54,94	39,68	19,85	60,3	10,2	80,3	10,85	347,0	387,0	16,50	111,12

Heavy duty design with reinforced side plates and enlarged bearing areas

50 H		-	15,875	5/8	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	-	19,050	3/4	12,57	19,43	19,48	11,91	5,96	18,1	4,6	30,2	1,16	31,3	42,0	1,94	11
80 H	⁹	-	25,400	1	15,75	24,28	24,33	15,88	7,94	24,1	5,4	37,4	1,92	55,6	72,0	3,04	111
100 H	⁹	-	31,750	1 1/4	18,90	29,10	29,16	19,05	9,54	30,1	6,1	44,5	2,77	87,0	96,0	4,25	111
120 H	⁹	-	38,100	1 1/2	25,22	37,18	37,24	22,23	11,11	36,2	6,6	55,0	4,13	125,0	141,0	6,40	111
140 H	⁹	-	44,450	1 3/4	25,22	38,86	38,91	25,40	12,71	42,2	7,4	59,0	4,94	170,0	180,0	8,30	111
160 H	⁹	-	50,800	2	31,55	46,88	46,94	28,58	14,29	48,2	7,9	69,4	6,70	223,0	233,0	11,50	111
200 H	⁹	-	63,500	2 1/2	37,85	58,29	58,34	39,68	19,85	60,3	10,2	87,1	11,60	347,0	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 ⁹ dismantlable (splinted) design on request

For details on orders and enquiries see page 148. Standard sprockets as of page 103.
Information on the selection of chain sizes and drives as of page 136.

Connecting links: According to ISO (...)



No. 4 (B)
Inner link

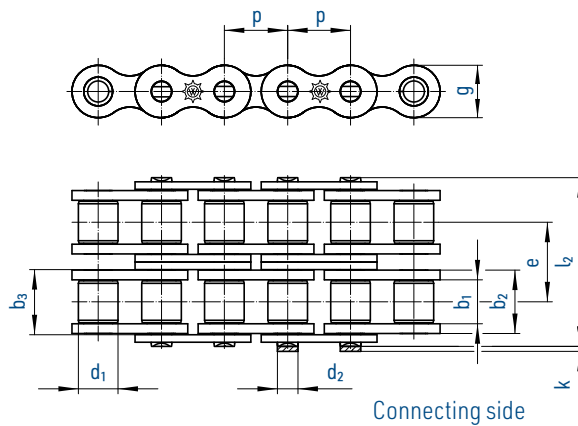
No. 7 (A)
Outer link
(to be riveted)

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		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	Breaking load ISO	Breaking load	Weight	Connecting links	
No.	Ind.	ISO		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.	
		No.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	kN	kN		kg/m
40-2		08 A-2	12,700	1/2	7,85	11,17	11,23	7,92	3,98	14,38	12,0	3,9	32,3	0,88	27,8	29,7	1,20	11,12,15
50-2		10 A-2	15,875	5/8	9,40	13,84	13,90	10,16	5,09	18,11	15,1	4,1	39,9	1,40	43,6	62,0	1,78	11,12,15
60-2	°	12 A-2	19,050	3/4	12,57	17,75	17,81	11,91	5,96	22,78	18,1	4,6	49,8	2,10	62,6	76,0	3,15	11,111,12,15
80-2	°	16 A-2	25,400	1	15,75	22,60	22,66	15,88	7,94	29,29	24,1	5,4	62,7	3,56	111,2	135,0	4,90	11,111,12,15
100-2	°	20 A-2	31,750	1 1/4	18,90	27,45	27,51	19,05	9,54	35,76	30,2	6,1	77,0	5,22	174,0	205,0	7,60	111,12
120-2	°	24 A-2	38,100	1 1/2	25,22	35,45	35,51	22,23	11,11	45,44	36,2	6,6	96,3	7,84	250,0	290,0	10,80	111,12
140-2	°	28 A-2	44,450	1 3/4	25,22	37,18	37,24	25,40	12,71	48,87	42,2	7,4	106,3	9,40	340,0	357,0	14,30	111,12
160-2	°	32 A-2	50,800	2	31,55	45,21	45,26	28,58	14,29	58,55	48,2	7,9	124,2	12,84	446,0	455,0	19,40	111,12
200-2	°	40 A-2	63,500	2 1/2	37,85	54,88	54,94	39,68	19,85	71,55	60,3	10,2	151,9	21,70	694,0	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.

° dismantlable (splinted) design on request

For details on orders and enquiries see page 148. Sprockets on request.
Information on the selection of chain sizes and drives as of page 136.

Connecting links: According to ISO (...)



No. 4 (B)
Inner link



No. 7 (A)
Outer link
(to be riveted)



No. 11 (E)
Spring clip
connecting link



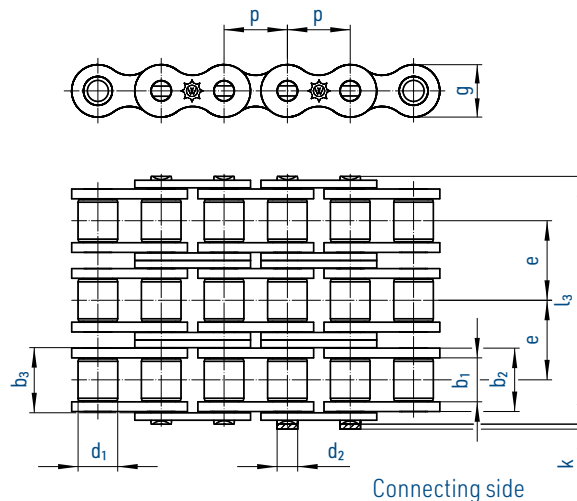
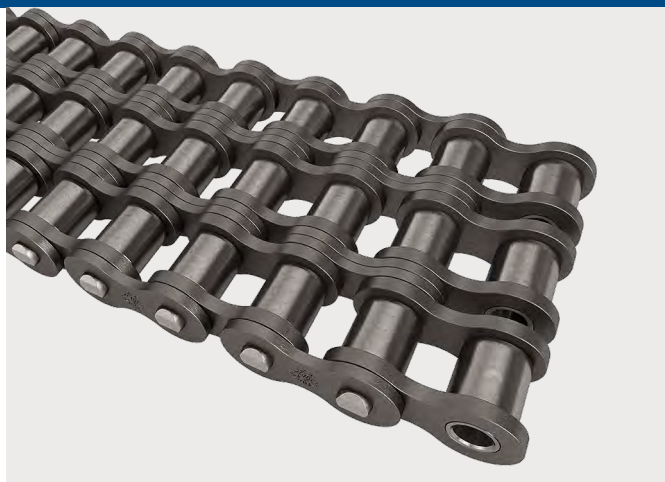
No. 111 (S)
Connecting link
with cottered pin



No. 12 (L)
Single
cranked link



No. 15 (C)
Double
cranked link



Chain		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	Breaking load ISO	Breaking load	Weight	Connecting links
No.	Ind.	ISO	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.
		No.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	kN	kN	kg/m
40-3		08 A-3	12,700	1/2	7,85	11,17	11,23	7,92	3,98	14,38	12,0	3,9	46,7	1,32	41,7	41,2	1,80	11,12,15
50-3		10 A-3	15,875	5/8	9,40	13,84	13,90	10,16	5,09	18,11	15,1	4,1	57,9	2,10	65,4	88,0	3,02	11,12,15
60-3	°	12 A-3	19,050	3/4	12,57	17,75	17,81	11,91	5,96	22,78	18,1	4,6	72,6	3,15	93,9	105,0	4,70	11,111,12,15
80-3	°	16 A-3	25,400	1	15,75	22,60	22,66	15,88	7,94	29,29	24,1	5,4	91,9	5,35	166,8	193,0	7,50	11,111,12,15
100-3	°	20 A-3	31,750	1 1/4	18,90	27,45	27,51	19,05	9,54	35,76	30,2	6,1	113,0	7,83	261,0	305,0	11,20	111,12
120-3	°	24 A-3	38,100	1 1/2	25,22	35,45	35,51	22,23	11,11	45,44	36,2	6,6	141,7	11,76	375,0	410,0	16,10	111,12
140-3	°	28 A-3	44,450	1 3/4	25,22	37,18	37,24	25,40	12,71	48,87	42,2	7,4	152,4	14,10	510,0	520,0	21,40	111,12
160-3	°	32 A-3	50,800	2	31,55	45,21	45,28	28,58	14,29	58,55	48,2	7,9	182,9	19,26	669,0	685,0	29,10	111,12
200-3	°	40 A-3	63,500	2 1/2	37,85	54,88	54,94	39,68	19,85	71,55	60,3	10,2	223,5	32,56	1041,0	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.

° dismantlable (splinted) design on request

For details on orders and enquiries see page 148. Sprockets on request.
Information on the selection of chain sizes and drives as of page 136.

Connecting links: According to ISO (...)



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



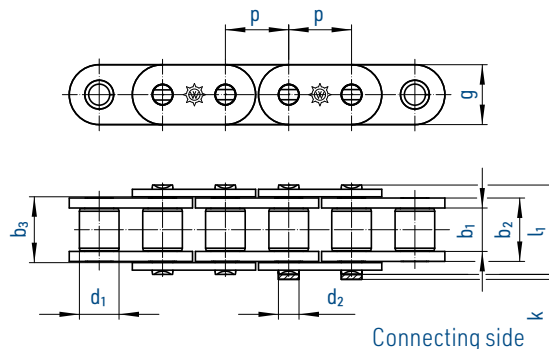
No. 12 (L)
Single
cranked link



No. 15 (C)
Double
cranked link

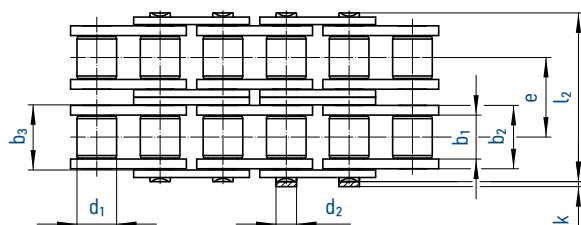


Simplex chains



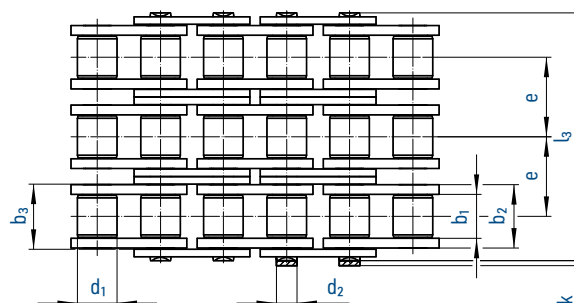
Connecting side

Duplex chains



Connecting side

Triplex chains



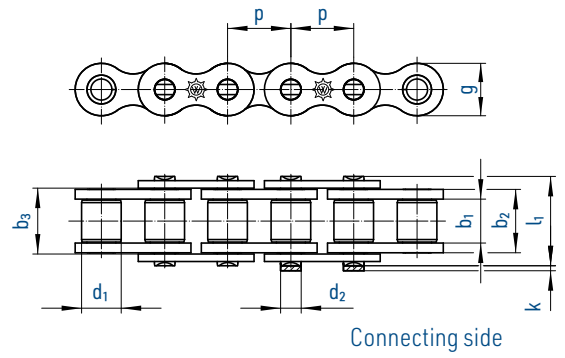
Connecting side

Chain		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	Breacking load ISO	Breacking load	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	cm ²	kN	kN	kg/m	No.
455 GL		9,525	3/8	5,72	8,53	8,66	6,35	3,28	-	8,2	3,3	13,5	0,28	8,9	9,6	0,41	4,7,11,12,15
462 GL		12,700	1/2	7,75	11,30	11,43	8,51	4,45	-	11,5	3,9	17,0	0,50	17,8	18,6	0,78	4,7,11,12
501 GL		15,875	5/8	9,65	13,28	13,41	10,16	5,08	-	14,2	4,1	19,6	0,67	22,2	27,0	1,03	4,7,11
513 GL		19,050	3/4	11,68	15,62	15,75	12,07	5,72	-	15,5	4,6	22,7	0,89	28,9	31,0	1,29	4,7,11,12
60 GL		19,050	3/4	12,57	17,70	17,85	11,91	5,94	-	18,0	4,6	26,9	1,05	31,3	41,0	1,58	4,7,11
60 HGL		19,050	3/4	12,57	19,45	19,60	11,91	5,94	-	18,0	4,6	28,9	1,16	31,3	41,0	1,94	4,7,11
548 GL		25,400	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		25,400	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	¹⁰	31,750	1 1/4	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		38,100	1 1/2	25,40	37,90	38,10	25,4	14,63	-	33,4	6,6	53,4	5,54	160,0	180,0	7,34	4,7,11,12
455 GL-2		9,525	3/8	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		12,700	1/2	7,75	11,30	11,43	8,51	4,45	13,92	11,5	3,9	31,0	1,01	31,1	37,0	1,50	4,7,11,12
501 GL-2		15,875	5/8	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		19,050	3/4	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		19,050	3/4	12,57	17,70	17,85	11,91	5,94	22,78	18,0	4,6	49,8	2,10	62,6	76,0	3,08	4,7,11
548 GL-2		25,400	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		25,400	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	¹⁰	31,750	1 1/4	19,56	29,00	29,20	19,05	10,19	36,45	26,4	6,1	79,7	5,91	170,0	210,0	8,03	4,7,11,12
596 GL-2		38,100	1 1/2	25,40	37,92	38,10	25,4	14,63	48,36	33,4	6,6	101,8	11,09	280,0	360,0	14,47	4,7,11,12
455 GL-3		9,525	3/8	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		12,700	1/2	7,75	11,30	11,43	8,51	4,45	13,92	11,5	3,9	44,9	1,51	44,5	56,0	2,21	4,7,11,12
501 GL-3		15,875	5/8	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		19,050	3/4	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		19,050	3/4	12,57	17,70	17,85	11,91	5,94	22,78	18,0	4,6	72,6	3,15	93,9	105,0	4,58	4,7,11
548 GL-3		25,400	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		25,400	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	¹⁰	31,750	1 1/4	19,56	29,00	29,20	19,05	10,19	36,45	26,4	6,1	116,1	8,87	250,0	300,0	11,66	4,7,11,12
596 GL-3		38,100	1 1/2	25,40	37,90	38,10	25,40	14,63	48,36	33,4	6,6	150,2	16,63	425,0	523,0	22,00	4,7,11,12

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

¹⁰ also in stainless steel available

For details on orders and enquiries see page 148. Standard sprockets as of page 103. Information on the selection of chain sizes and drives as of page 136.



Chain according to ISO 606		Pitch	Inner width	Inner link width	Outer plate width	Roller Ø	Pin Ø	Plate height	Projection over connecting link	Width over pin	Bearing area	Breaking load	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}	8,00	3,00	4,77	4,90	5,00	2,31	7,1	3,1	8,6	0,11	4,0	0,18	11
331 RF	^{10,11}	12,70	3,30	5,80	5,93	7,75	3,66	9,9	1,5	10,2	0,21	7,0	0,28	11,15
332 RF	^{10,11}	12,70	4,88	7,20	7,33	7,75	3,66	9,9	1,5	11,2	0,28	7,0	0,33	11,15
462 RF		12,70	7,75	11,30	11,43	8,51	4,45	11,8	3,9	17,0	0,50	12,0	0,70	11,12,15
501 RF		15,88	9,65	13,28	13,41	10,16	5,08	14,7	4,1	19,6	0,67	14,5	0,91	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	11,12,15
548 RF	¹¹	25,40	17,02	25,40	25,60	15,88	8,28	21,0	5,4	36,1	2,10	40,0	2,50	111,12
563 RF	¹¹	31,75	19,56	29,00	29,20	19,05	10,19	26,4	6,1	43,2	2,96	63,0	3,50	111,12
35 RF	^{2,11}	9,53	4,68	7,47	7,52	5,08	3,58	9,1	3,3	13,2	0,27	6,0	0,35	11
40 RF	^{10,11}	12,70	7,85	11,15	11,28	7,95	3,96	12,0	3,9	17,8	0,44	10,5	0,61	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	11,12
455 RFGL	^{10,11}	9,53	5,72	8,53	8,66	6,35	3,28	8,2	3,3	13,5	0,28	7,0	0,41	11,12,15
455 RFKIGL	^{2,7}	9,53	5,72	8,53	8,66	6,35	3,28	8,2	3,3	13,5	0,28	1,0	0,25	11
462 RFKI	^{2,7}	12,70	7,75	11,30	11,43	8,51	4,45	11,5	3,9	17,0	0,50	2,0	0,44	11
462 RFGL	²	12,70	7,75	11,30	11,43	8,51	4,45	11,5	3,9	17,0	0,50	12,0	0,78	11,12,15
501 RFGL		15,88	9,65	13,28	13,41	10,16	5,08	14,2	4,1	19,6	0,67	14,5	1,03	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	11,12,15
548 RFGL	¹¹	25,40	17,02	25,40	25,60	15,88	8,28	24,0	5,4	36,1	2,10	40,0	3,29	111
548 RFGLS	¹¹	25,40	17,02	25,40	25,60	15,88	8,28	21,0	5,4	36,1	2,10	40,0	2,90	111,12
563 RFGL	¹¹	31,75	19,56	29,00	29,20	19,05	10,19	26,4	6,1	43,2	2,96	63,0	4,13	111

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 148. For sprockets RF (stainless steel) see page 100.

Connecting links: According to ISO (...)



No. 4 (B)
Inner link



No. 7 (A)
Outer link
(to be riveted)



No. 11 (E)
Spring clip
connecting link



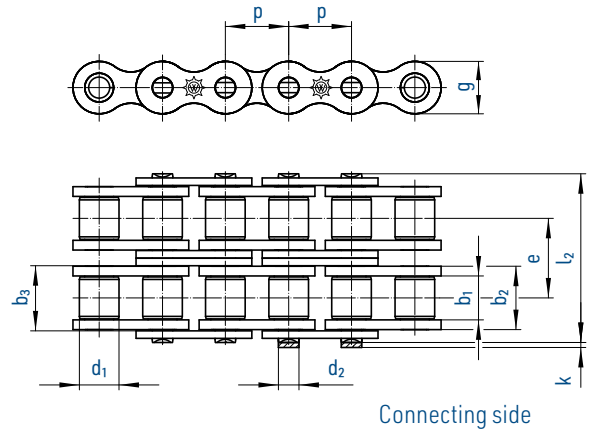
No. 111 (S)
Connecting link
with cottered pin



No. 12 (L)
Single
cranked link



No. 15 (C)
Double
cranked link



Chain according to ISO 606		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	Breaking load	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.
No.	Ind.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	kN	kg/m	No.
D450 RF		8,000	3,00	4,77	4,90	5,00	2,31	5,64	7,1	3,1	14,3	0,22	6,00	0,36	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	11,15
D462 RF		12,700	7,75	11,30	11,43	8,51	4,45	13,92	11,8	3,9	31,0	1,01	20,40	1,36	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	11,12,15
D513 RF		19,050	11,68	15,62	15,75	12,07	5,72	19,46	16,1	4,6	42,2	1,79	31,45	2,38	11,12,15
D548 RF		25,400	17,02	25,40	25,60	15,88	8,28	31,88	21,0	5,4	68,0	4,21	68,00	5,10	11,12
D563 RF		31,750	19,56	29,00	29,20	19,05	10,19	36,45	26,4	6,1	79,7	5,91	107,10	7,30	11,12
40-2 RF		12,700	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
60-2 RF		19,050	12,57	17,70	17,85	11,91	5,94	22,78	18,0	4,6	49,8	2,10	34,00	3,14	11,12

¹ with straight side plates

For details on orders and enquiries see page 148. Sprockets on request.

Connecting links: According to ISO (...)



No. 4 (B)
Inner link



No. 7 (A)
Outer link
(to be riveted)



No. 11 (E)
Spring clip
connecting link



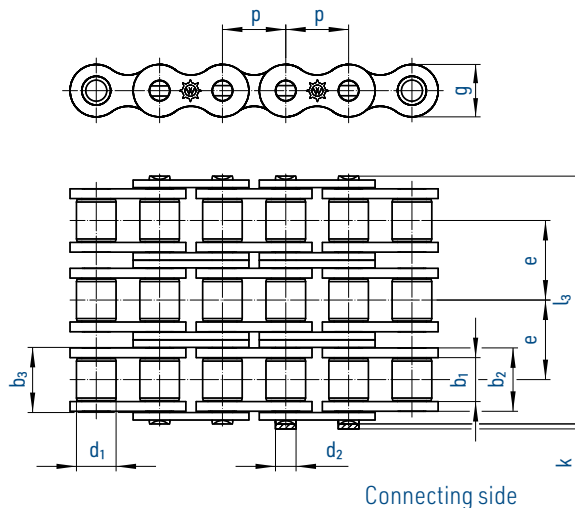
No. 111 (S)
Connecting link
with cottered pin



No. 12 (L)
Single
cranked link



No. 15 (C)
Double
cranked link



Chain according to ISO 606		Pitch		Inner width	Inner link width		Outer plate width	Roller \varnothing	Pin \varnothing	Transverse pitch	Plate height	Projection over connecting link	Width over pin	Bearing area	Breaking load	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 \approx	
No.	Ind.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	kN	kg/m	No.
T 455 RF	¹	9,525	$\frac{3}{8}$	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		12,700	$\frac{1}{2}$	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	$\frac{5}{8}$	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		19,050	$\frac{3}{4}$	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		25,400	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	111,12	
T 563 RF		31,750	1 $\frac{1}{4}$	19,56	29,00	29,20	19,05	10,19	36,45	26,4	6,1	116,1	8,87	170,0	10,60	111,12	

¹ with straight side plates

For details on orders and enquiries see page 148, Sprockets on request. Information on the selection of chain sizes and drives as of page 136.

Connecting links: According to ISO (...)



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