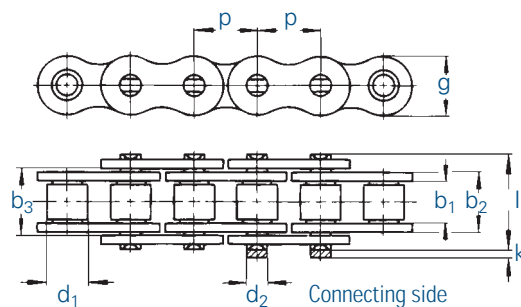




SIMPLEX ROLLER CHAINS ACCORDING TO DIN 8187-1 (EUROPEAN TYPE)

corresponding to ISO 606



Chain		Pitch p	Inner width b ₁ min.	Inner link width b ₂ max.	Outer plate width b ₃ min.	Roller Ø d ₁ max.	Pin Ø d ₂ max.	Plate height g max.	Projec- tion over conecting link k max.	Width over pin l ₁ max.	Bearing area f	Minimum tensile strength DIN F _B min.	Minimum tensile strength F _B min.	Weight q ≈	Connecting links		
No.	Ind.															No.	mm
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



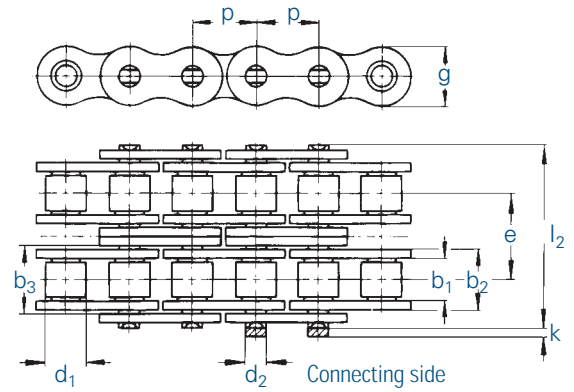
No. 12 (L)

Single
cranked link



No. 15 (C)

Double
cranked link



Chain		DIN	Pitch		Inner width b_1 min.	Inner link width b_2 max.	Outer plate width b_3 min.	Roller \varnothing d_1 max.	Pin \varnothing d_2 max.	Transverse pitch e	Plate height g max.	Projection over connecting link k max.	Width over pin l_2 max.	Bearing area f	Minimum tensile strength DIN F_B min.	Minimum tensile strength F_B min.	Weight $q \approx$	Connecting links No.
No.	Ind.		No.	mm														
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	$\frac{3}{8}$	5,72	8,53	8,66	6,35	3,28	10,24	8,2	3,3	23,8	0,56	16,9	17,4	0,78	11,12,15
D 462		08 B-2	12,7	$\frac{1}{2}$	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	$\frac{5}{8}$	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	19,05	$\frac{3}{4}$	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	25,4	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	$1\frac{1}{4}$	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	$1\frac{1}{2}$	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	$1\frac{3}{4}$	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	$2\frac{1}{2}$	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.

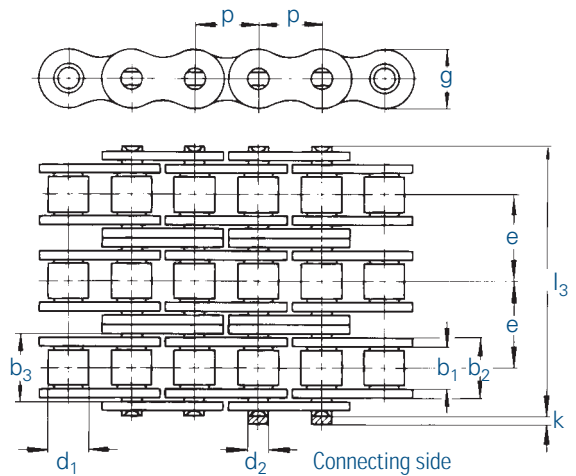
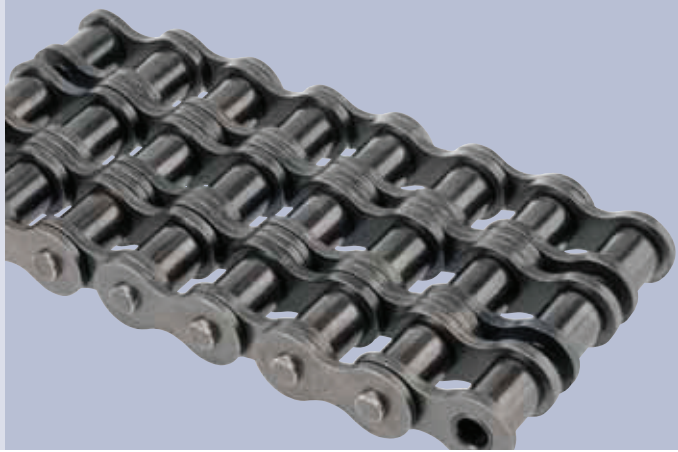
Connecting links: According to DIN (...)

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 b_1 min.	Inner link width b_2 max.	Outer plate width b_3 min.	Roller Ø d_1 max.	Pin Ø d_2 max.	Transverse pitch e	Plate height g max.	Projection over connecting link k max.	Width over pin l_3 max.	Bearing area f	Minimum tensile strength DIN F_B min.	Minimum tensile strength F_B min.	Weight q ≈	Connecting links
No.	Ind.		mm	inch														
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	$\frac{3}{8}$	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	12,7	$\frac{1}{2}$	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	$\frac{5}{8}$	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	19,05	$\frac{3}{4}$	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	25,4	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	$1\frac{1}{4}$	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	$1\frac{1}{2}$	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	$1\frac{3}{4}$	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	$2\frac{1}{2}$	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



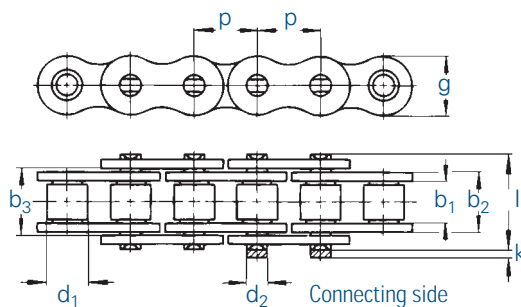
No. 12 (L)

Single
cranked link



No. 15 (C)

Double
cranked link



Chain		DIN	Pitch		Inner width b ₁ min.	Inner link width b ₂ max.	Outer plate width b ₃ min.	Roller Ø d ₁ max.	Pin Ø d ₂ max.	Plate height g max.	Projection over connecting link k max.	Width over pin l ₁ max.	Bearing area f cm ²	Minimum tensile strength DIN F _B min.	Minimum tensile strength F _B min.	Weight q ≈ kg/m	Connecting links No.
No.	Ind.		mm	inch													
25	²	04 C-1	6,35	1/4	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	3/8	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	1/2	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	5/8	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	3/4	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 1/4	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 1/2	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 3/4	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 1/2	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	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	-	19,05	3/4	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 1/4	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 1/2	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 3/4	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 1/2	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.

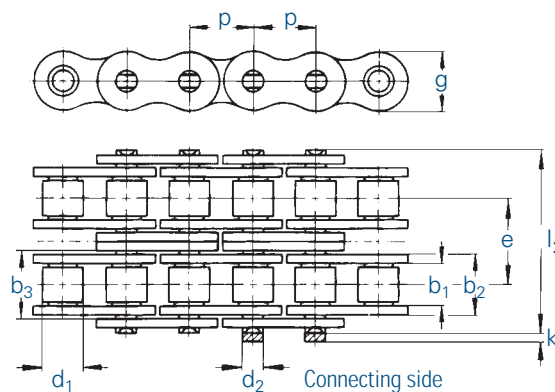
Connecting links: According to DIN (...)





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

corresponding to ISO 606



Chain		DIN	Pitch		Inner width b_1 min.	Inner link width b_2 max.	Outer plate width b_3 min.	Roller \varnothing d_1 max.	Pin \varnothing d_2 max.	Transverse pitch e	Plate height g max.	Projection over connecting link k max.	Width over pin l_2 max.	Bearing area f	Minimum tensile strength DIN F_B min.	Minimum tensile strength F_B min.	Weight q \approx	Connecting links
No.	Ind.		No.	mm														
35-2	²	06 C-2	9,525	3/8	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	1/2	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	5/8	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	3/4	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 1/4	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 1/2	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 3/4	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 1/2	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



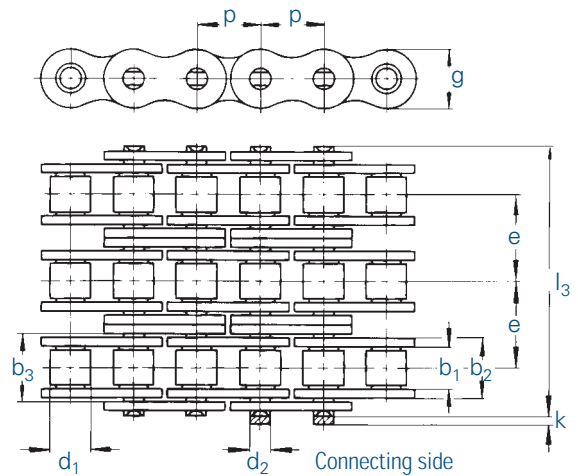
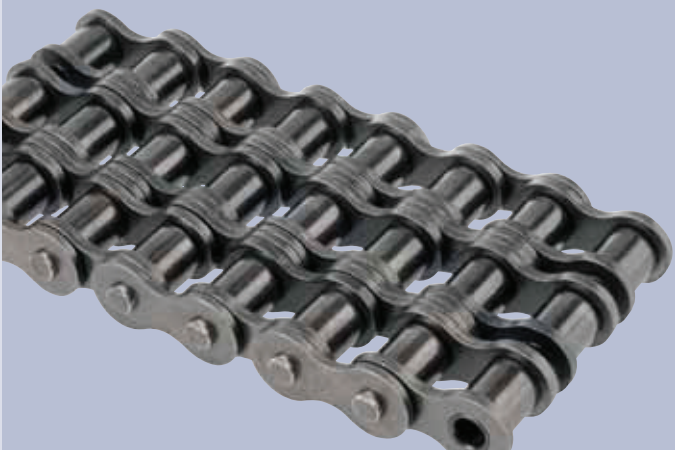
No. 12 (L)

Single
cranked link



No. 15 (C)

Double
cranked link



Chain		DIN	Pitch		Inner width b_1 min.	Inner link width b_2 max.	Outer plate width b_3 min.	Roller \varnothing d_1 max.	Pin \varnothing d_2 max.	Transverse pitch e	Plate height g max.	Projection over connecting link k max.	Width over pin l_2 max.	Bearing area f	Minimum tensile strength DIN F_B min.	Minimum tensile strength F_B min.	Weight q \approx	Connecting links No.
No.	Ind.		mm	inch														
35-3	²	06 C-3	9,525	$\frac{3}{8}$	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	$\frac{1}{2}$	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	$\frac{5}{8}$	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	$\frac{3}{4}$	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	$1\frac{1}{4}$	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	$1\frac{1}{2}$	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	$1\frac{3}{4}$	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	$2\frac{1}{2}$	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 dismantlable 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