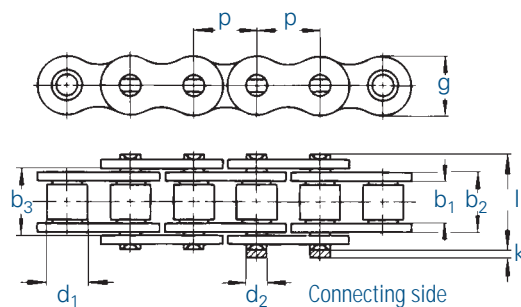




# SIMPLEX ROLLER CHAINS (STAINLESS STEEL)

Main dimensions according to DIN 8187/8188



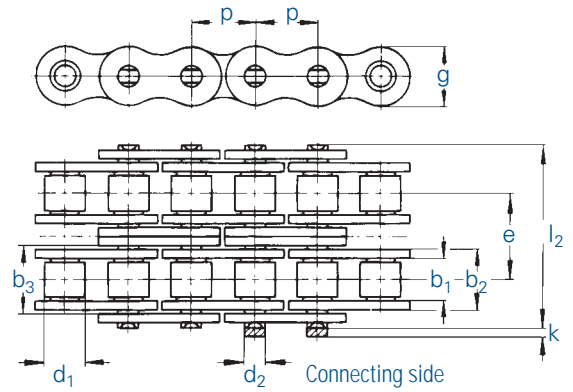
Chain		Pitch	Inner width	Inner link width	Outer plate width	Roller Ø	Pin Ø	Plate height	Projection over connecting link	Width over pin	Bearing area	Minimum tensile strength	Weight	Connecting links
No.		p	b <sub>1</sub> min.	b <sub>2</sub> max.	b <sub>3</sub> min.	d <sub>1</sub> max.	d <sub>2</sub> max.	g max.	k max.	l <sub>1</sub> max.	f	F <sub>B</sub> min.	q ≈	No.
Ind.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm <sup>2</sup>	kN	kg/m	No.
450 RF	<sup>10,11</sup>	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	<sup>10,11</sup>	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	<sup>10,11</sup>	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	<sup>7</sup>	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	<sup>11</sup>	25,4	17,02	25,40	25,60	15,88	8,28	21,0	5,4	36,1	2,10	40,0	2,50	4,7,11,12
35 RF	<sup>2,11</sup>	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	<sup>10,11</sup>	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	<sup>11</sup>	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	<sup>10,11</sup>	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	<sup>2,7,10</sup>	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	<sup>2</sup>	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	<sup>11</sup>	25,4	17,02	25,40	25,60	15,88	8,28	24,0	5,4	36,1	2,10	40,0	3,29	4,7,11,12
548 RFGLS	<sup>11</sup>	25,4	17,02	25,40	25,60	15,88	8,28	21,0	5,4	36,1	2,10	40,0	2,90	4,7,11,12

<sup>2</sup> without rollers (DIN 8154)    <sup>7</sup> inner links made entirely of plastic, maintenance-free chain    <sup>10</sup> connecting link No. 12 only with attached riveted bolts  
<sup>11</sup> 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 (...)





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	Minimum tensile strength	Weight	Connecting links	
No.		Ind.	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm <sup>2</sup>	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	4,7,11,12
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

<sup>1</sup> 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

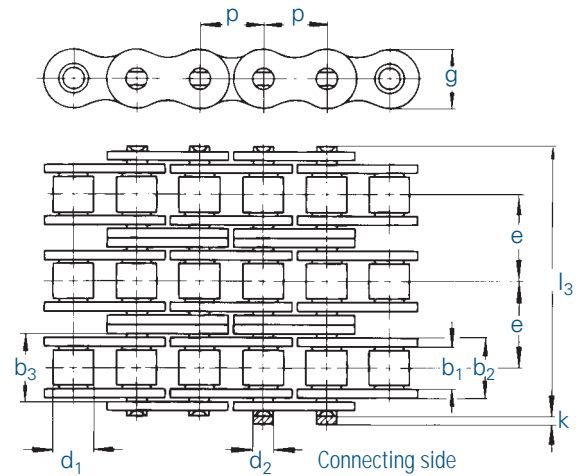


No. 15 (C)  
Double  
cranked link



# TRIPLEX ROLLER CHAINS (STAINLESS STEEL)

Main dimensions according to DIN 8187



Chain	Pitch		Inner width		Outer plate width	Roller Ø	Pin Ø	Transverse pitch	Plate height	Projection over connecting link	Width over pin	Bearing area	Minimum tensile strength	Weight	Connecting links	
	$p$		$b_1$ min.	$b_2$ max.												
No.	Ind.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	cm <sup>2</sup>	kN	kg/m	No.	
T 455 RF	<sup>1</sup>	9,525	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		12,7	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	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		19,05	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		25,4	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

<sup>1</sup> 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