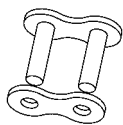


WITRA®		DIN/ISO	Teilung		Innere Breite	Innengliedbreite	Rollen-Ø	Bolzen-Ø	Laschenhöhe	Überstand	Maß über Bolzen	Gelenkfläche	Bruchkraft DIN	Gewicht	Verbindungsglieder
			Pitch		Inner width	Inner link width	Roller-Ø	Pin-Ø	Plate height	Project. over conn. link	Width over pin	Bearing area	Breaking load DIN	Weight	Connecting links
			p		b ₁ min.	b ₂ max.	d ₁ max.	d ₂ max.	g max.	k max.	l ₁ max.	f	F _B min.	q ≈	
No.	Ind.	No.	mm	inch	mm	mm	mm	mm	mm	mm	mm	cm ²	N	kg/m	Type
WT 04		04	6	-	2,80	4,10	4,00	1,85	5,1	2,9	7,4	0,08	3 000	0,11	A, E, C
WT 05		05 B-1	8	-	3,00	4,77	5,00	2,31	7,1	3,1	8,6	0,11	5 000	0,18	A, E, C
WT 06	¹	06 B-1	9,525	3/8	5,72	8,53	6,35	3,28	8,2	3,3	13,5	0,28	9 000	0,39	A, E, L, C
WT 08		08 B-1	12,7	1/2	7,75	11,30	8,51	4,45	11,8	3,9	17,0	0,50	18 000	0,68	A, E, L, C
WT 081		081	12,7	1/2	3,30	5,80	7,75	3,66	9,9	1,5	10,2	0,21	8 200	0,28	A, E, L, C
WT 083		083	12,7	1/2	4,88	7,90	7,75	4,09	10,3	1,5	10,6	0,32	12 000	0,42	A, E, L
WT 084		084	12,7	1/2	4,88	8,80	7,75	4,09	11,1	1,5	11,5	0,36	16 000	0,59	A, E
WT 10		10 B-1	15,875	5/8	9,65	13,28	10,16	5,08	14,7	4,1	19,6	0,67	22 400	0,91	A, E, S, L, C
WT 12		12 B-1	19,05	3/4	11,68	15,62	12,07	5,72	16,1	4,6	22,7	0,89	29 000	1,12	A, E, S, L, C
WT 12-H		12 B-H	19,05	3/4	11,68	16,46	12,07	6,05	18,1	3,6	24,8	1,05	40 000	1,51	A, E, S, L
WT 16		16 B-1	25,4	1	17,02	25,40	15,88	8,28	21,0	5,4	36,1	2,10	60 000	2,64	A, E, S, L, C
WT 20		20 B-1	31,75	1 1/4	19,56	29,00	19,05	10,19	26,4	6,1	43,2	2,96	95 000	3,68	A, E, S, L
WT 24		24 B-1	38,1	1 1/2	25,40	37,90	25,40	14,63	33,4	6,6	53,4	5,54	160 000	7,16	A, S, L, C
WT 28		28 B-1	44,45	1 3/4	30,99	46,50	27,94	15,90	37,0	7,4	65,1	7,39	200 000	7,53	A, S, L, C
WT 32		32 B-1	50,8	2	30,99	45,50	29,21	17,81	42,2	7,9	67,4	8,10	250 000	9,84	A, S, L, C
WT 40		40 B-1	63,5	2 1/2	38,10	55,70	39,37	22,89	52,9	10,0	82,6	12,75	355 000	16,99	A, S, L
WT 48		48 B-1	76,2	3	45,72	70,50	48,26	29,24	63,8	10,0	99,1	20,61	560 000	23,92	A, S, L
WT 56		56 B-1	88,9	3 1/2	53,34	81,30	53,98	34,32	77,8	11,7	114,6	27,90	850 000	35,78	A, S

¹ nur mit geraden Laschen / ¹ with straight side plates only

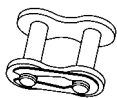
Verbindungsglieder / Connecting links



A

Außenglied
(Nietglied)

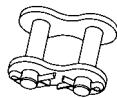
Pin link



E

Verbindungsglied
mit Feder

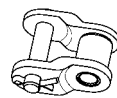
Spring
Connecting link



S

Verbindungsglied
mit Splinten

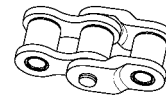
Cotter pin
Connecting link



L

Gekröpftes Glied
mit Splint

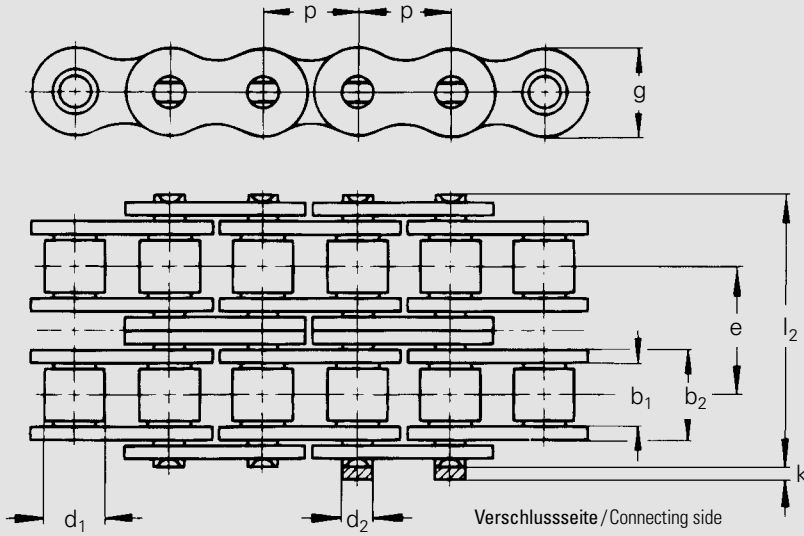
Offset link



C

Gekröpftes
Doppelglied

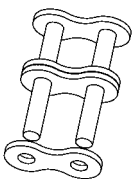
Double
cranked link



WITRA [®]		DIN/ISO	Teilung		Innere Breite	Innengliedbreite	Rollen-Ø	Bolzen-Ø	Quer-teilung	La-schen-höhe	Über-stand	Maß über Bolzen	Gelenk-fläche	Bruchkraft DIN	Gewicht	Verbindungs-glieder
			Pitch		Inner width	Inner link width	Roller-Ø	Pin-Ø	Trans-verse pitch	Plate height	Project. over conn. link	Width over pin	Bear-ing area	Breaking load DIN	Weight	Connecting links
			p		b ₁ min.	b ₂ max.	d ₁ max.	d ₂ max.	e	g max.	k max.	l ₂ max.	f	F _B min.	q ≈	
No.	Ind.	No.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	N	kg/m	Type
WT 05-D		05 B-2	8	-	3,00	4,77	5,00	2,31	5,64	7,1	3,1	14,3	0,22	7 800	0,34	A, E, C
WT 06-D	¹	06 B-2	9,525	3/8	5,72	8,53	6,35	3,28	10,24	8,2	3,3	23,8	0,56	16 900	0,74	A, E, L, C
WT 08-D		08 B-2	12,7	1/2	7,75	11,30	8,51	4,45	13,92	11,8	3,9	31,0	1,01	32 000	1,35	A, E, L, C
WT 10-D		10 B-2	15,875	5/8	9,65	13,28	10,16	5,08	16,59	14,7	4,1	36,2	1,34	44 500	1,79	A, E, S, L, C
WT 12-D		12 B-2	19,05	3/4	11,68	15,62	12,07	5,72	19,46	16,1	4,6	42,2	1,79	57 800	2,22	A, E, S, L, C
WT 16-D		16 B-2	25,4	1	17,02	25,40	15,88	8,28	31,88	21,0	5,4	68,0	4,21	106 000	5,13	A, E, S, L, C
WT 20-D		20 B-2	31,75	1 1/4	19,56	29,00	19,05	10,19	36,45	26,4	6,1	79,0	5,91	170 000	7,72	A, E, S, L, C
WT 24-D		24 B-2	38,1	1 1/2	25,40	37,90	25,40	14,63	48,36	33,4	6,6	101,4	11,09	280 000	14,15	A, S, L, C
WT 28-D		28 B-2	44,45	1 3/4	30,99	46,50	27,94	15,90	59,56	37,0	7,4	124,0	14,79	360 000	14,91	A, S, L, C
WT 32-D		32 B-2	50,8	2	30,99	45,50	29,21	17,81	58,55	42,2	7,9	126,0	16,21	450 000	19,68	A, S, L, C
WT 40-D		40 B-2	63,5	2 1/2	38,10	55,70	39,37	22,89	72,29	52,9	10,0	154,0	25,50	630 000	33,61	A, S, L
WT 48-D		48 B-2	76,2	3	45,72	70,50	48,26	29,24	91,21	63,8	10,0	190,4	41,23	1 000 000	47,50	A, S, L
WT 56-D		56 B-2	88,9	3 1/2	53,34	81,30	53,98	34,32	106,60	77,8	11,7	221,2	55,80	1 600 000	71,48	A, S

¹ nur mit geraden Laschen / ¹ with straight side plates only

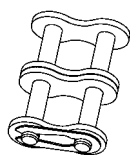
Verbindungsglieder / Connecting links



A

Außenglied
(Nietglied)

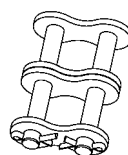
Pin link



E

Verbindungsglied
mit Feder

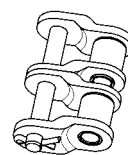
Spring
Connecting link



S

Verbindungsglied
mit Splinten

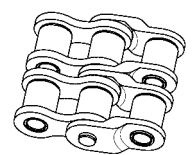
Cotter pin
Connecting link



L

Gekrüpfes Glied
mit Splint

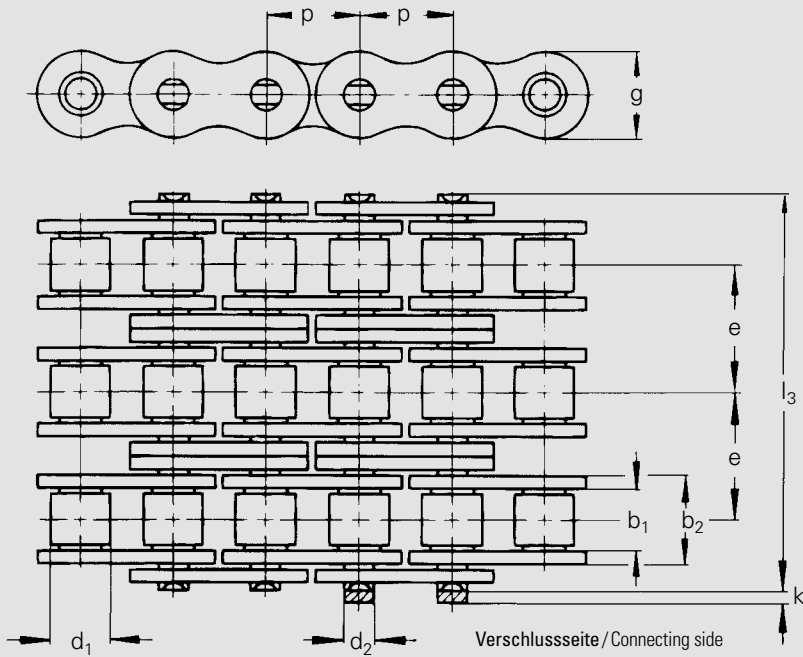
Offset link



C

Gekrüpfes
Doppelglied

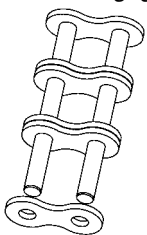
Double
cranked link



WITRA®		DIN/ISO	Teilung		Innere Breite	Innengliedbreite	Rollen-Ø	Bolzen-Ø	Quer-teilung	La-schen-höhe	Über-stand	Maß über Bolzen	Gelenk-fläche	Bruchkraft DIN	Gewicht	Verbindungs-glieder
			Pitch		Inner width	Inner link width	Roller-Ø	Pin-Ø	Transverse pitch	Plate height	Project. over conn. link	Width over pin	Bear-ing area	Breaking load DIN	Weight	Connecting links
			p		b_1 min.	b_2 max.	d_1 max.	d_2 max.	e	g max.	k max.	l_3 max.	f	F_B min.	q ≈	Type
No.	Ind.	No.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	N	kg/m	
WT 06-T	¹	06 B-3	9,525	3/8	5,72	8,53	6,35	3,28	10,24	8,2	3,3	34,0	0,81	23 600	1,10	A, E, L, C
WT 08-T		08 B-3	12,7	1/2	7,75	11,30	8,51	4,45	13,92	11,8	3,9	44,9	1,51	47 500	2,03	A, E, L, C
WT 10-T		10 B-3	15,875	5/8	9,65	13,28	10,16	5,08	16,59	14,7	4,1	52,8	2,02	66 700	2,68	A, E, S, L, C
WT 12-T		12 B-3	19,05	3/4	11,68	15,62	12,07	5,72	19,46	16,1	4,6	61,7	2,68	86 700	3,39	A, E, S, L, C
WT 16-T		16 B-3	25,4	1	17,02	25,40	15,88	8,28	31,88	21,0	5,4	99,9	6,31	160 000	7,80	A, E, S, L, C
WT 20-T		20 B-3	31,75	1 1/4	19,56	29,00	19,05	10,19	36,45	26,4	6,1	116,0	8,87	250 000	11,53	A, S, L, C
WT 24-T		24 B-3	38,1	1 1/2	25,40	37,90	25,40	14,63	48,36	33,4	6,6	150,0	16,63	425 000	21,15	A, S, L, C
WT 28-T		28 B-3	44,45	1 3/4	30,99	46,50	27,94	15,90	59,56	37,0	7,4	184,0	22,18	530 000	22,39	A, S, L, C
WT 32-T		32 B-3	50,8	2	30,99	45,50	29,21	17,81	58,55	42,2	7,9	184,0	24,31	670 000	29,52	A, S, L, C
WT 40-T		40 B-3	63,5	2 1/2	38,10	55,70	39,37	22,89	72,29	52,9	10,0	227,0	38,25	950 000	50,23	A, S, L
WT 48-T		48 B-3	76,2	3	45,72	70,50	48,26	29,24	91,21	63,8	10,0	281,0	61,84	1 500 000	71,07	A, S, L
WT 56-T		56 B-3	88,9	3 1/2	53,34	81,30	53,98	34,32	106,60	77,8	11,7	327,8	83,70	2 240 000	107,18	A, S

¹ nur mit geraden Laschen / ¹ with straight side plates only

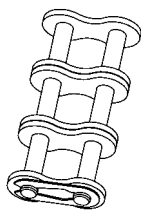
Verbindungsglieder / Connecting links



A

Außenglied
(Nietglied)

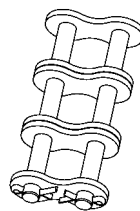
Pin link



E

Verbindungsglied
mit Feder

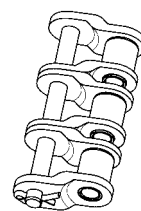
Spring
Connecting link



S

Verbindungsglied
mit Splinten

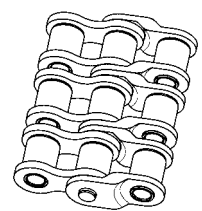
Cotter pin
Connecting link



L

Gekröpftes Glied
mit Splint

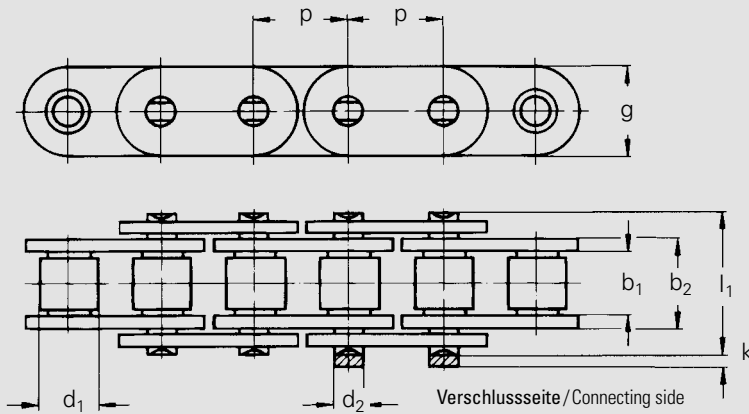
Offset link



C

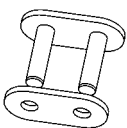
Gekröpftes
Doppelglied

Double
cranked link



WITRA [®]	DIN/ISO	Teilung		Innere Breite	Innen-glied-breite	Rollen-Ø	Bolzen-Ø	Laschen-höhe	Über-stand	Maß über Bolzen	Gelenk-fläche	Bruchkraft DIN	Gewicht	Verbindungs-glieder
		Pitch		Inner width	Inner link width	Roller-Ø	Pin-Ø	Plate height	Project. over conn. link	Width over pin	Bearing area	Breaking load DIN	Weight	Connecting links
		p		b ₁ min.	b ₂ max.	d ₁ max.	d ₂ max.	g max.	k max.	l ₁ max.	f	F _B min.	q ≈	
No.	No.	mm	inch	mm	mm	mm	mm	mm	mm	mm	cm ²	N	kg/m	Type
WT C 08	C 08 B-1	12,7	½	7,75	11,30	8,51	4,45	11,8	3,9	17,0	0,50	18 000	0,68	A, E, L
WT C 10	C 10 B-1	15,875	5/8	9,65	13,28	10,16	5,08	14,7	4,1	19,6	0,67	22 400	0,91	A, E, L
WT C 12	C 12 B-1	19,05	¾	11,68	15,62	12,07	5,72	16,1	4,6	22,7	0,89	29 000	1,12	A, E, L
WT C 16	C 16 B-1	25,4	1	17,02	25,40	15,88	8,28	21,0	5,4	36,1	2,10	60 000	2,64	A, E
WT C 16/24	-	25,4	1	17,02	25,40	15,88	8,28	24,0	5,4	36,1	2,10	60 000	2,64	A, E, S, L
WT C 20	C 20 B-1	31,75	1 ¼	19,56	29,00	19,05	10,19	26,4	6,1	43,2	2,96	95 000	3,68	A, E, S, L
WT C 24	C 24 B-1	38,1	1 ½	25,40	37,90	25,40	14,63	33,4	6,6	53,4	5,54	160 000	7,16	A, S, L
WT C 32	C 32 B-1	50,8	2	30,99	45,50	29,21	17,81	42,2	7,9	67,4	8,10	250 000	9,84	A, S, L

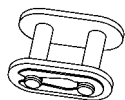
Verbindungsglieder / Connecting links



A

Außenglied
(Nietglied)

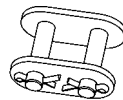
Pin link



E

Verbindungsglied
mit Feder

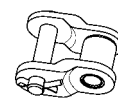
Spring
Connecting link



S

Verbindungsglied
mit Splinten

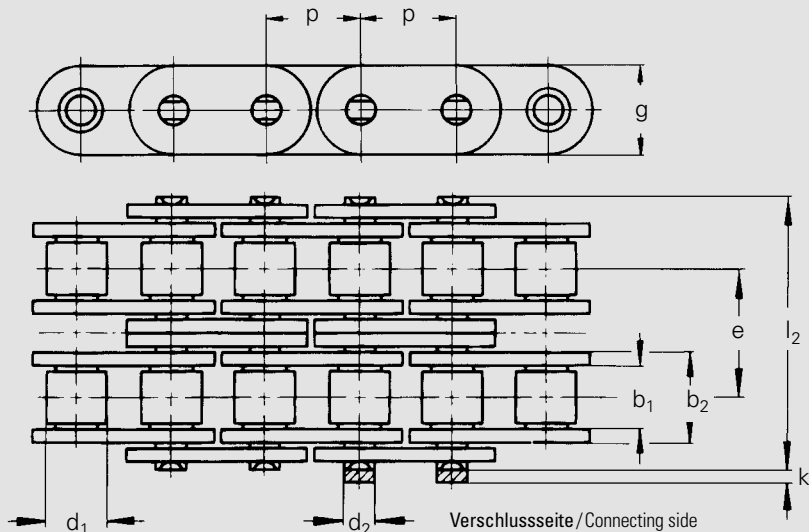
Cotter pin
Connecting link



L

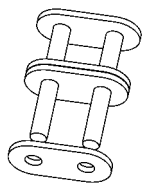
Gekröpftes Glied
mit Splint

Offset link



WITRA®	DIN/ISO	Teilung		Innere Breite	Innengliedbreite	Rollen-Ø	Bolzen-Ø	Querteilung	Laschenhöhe	Überstand	Maß über Bolzen	Gelenkfläche	Bruchkraft DIN	Gewicht	Verbindungsglieder
		Pitch		Inner width	Inner link width	Roller-Ø	Pin-Ø	Transverse pitch	Plate height	Project. over conn. link	Width over pin	Bearing area	Breaking load DIN	Weight	Connecting links
		p		b ₁ min.	b ₂ max.	d ₁ max.	d ₂ max.	e	g max.	k max.	l ₂ max.	f	F _B min.	q ≈	
No.	No.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	N	kg/m	Type
WT C 06-D	C 06 B-2	9,525	3/8	5,72	8,53	6,35	3,28	10,24	8,2	3,3	23,8	0,56	16 900	0,74	A, E, L
WT C 08-D	C 08 B-2	12,7	1/2	7,75	11,30	8,51	4,45	13,92	11,8	3,9	31,0	1,01	32 000	1,35	A, E, L
WT C 10-D	C 10 B-2	15,875	5/8	9,65	13,28	10,16	5,08	16,59	14,7	4,1	36,2	1,34	44 500	1,79	A, E, L
WT C 12-D	C 12 B-2	19,05	3/4	11,68	15,62	12,07	5,72	19,46	16,1	4,6	42,2	1,79	57 800	2,22	A, E, S, L
WT C 16-D	C 16 B-2	25,4	1	17,02	25,40	15,88	8,28	31,88	21,0	5,4	68,0	4,21	106 000	5,13	A, E, S, L
WT C 20-D	C 20 B-2	31,75	1 1/4	19,56	29,00	19,05	10,19	36,45	26,4	6,1	79,0	5,91	170 000	7,72	A, E, S, L
WT C 24-D	C 24 B-2	38,1	1 1/2	25,40	37,90	25,40	14,63	48,36	33,4	6,6	101,4	11,09	280 000	14,15	A, S, L
WT C 32-D	C 32 B-2	50,8	2	31,55	45,00	28,58	14,27	58,55	48,2	7,9	124,0	12,84	453 600	19,00	A, S, L

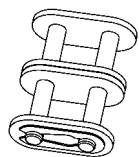
Verbindungsglieder / Connecting links



A

Außenglied
(Nietglied)

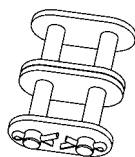
Pin link



E

Verbindungsglied
mit Feder

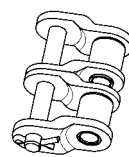
Spring
Connecting link



S

Verbindungsglied
mit Splinten

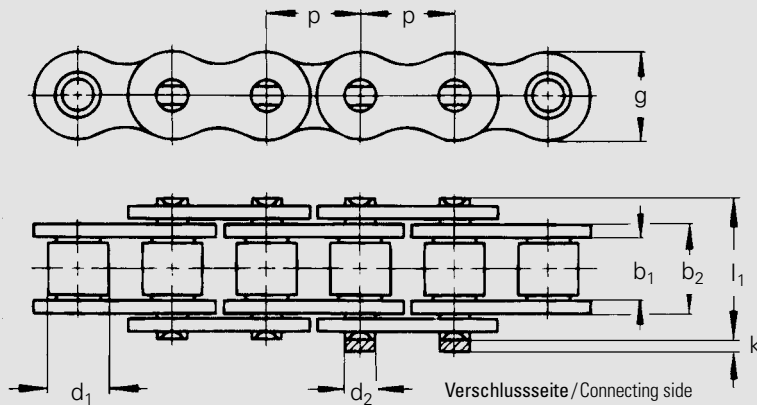
Cotter pin
Connecting link



L

Gekröpftes Glied
mit Splint

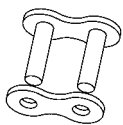
Offset link



WITRA [®]		DIN/ISO	Teilung		Innere Breite	Innengliedbreite	Rollen-Ø	Bolzen-Ø	Laschenhöhe	Überstand	Maß über Bolzen	Gelenkfläche	Bruchkraft DIN	Gewicht	Verbindungsglieder
			Pitch		Inner width	Inner link width	Roller-Ø	Pin-Ø	Plate height	Project. over conn. link	Width over pin	Bearing area	Breaking load DIN	Weight	Connecting links
			p		b ₁ min.	b ₂ max.	d ₁ max.	d ₂ max.	g max.	k max.	l ₁ max.	f	F _B min.	q ≈	
No.	Ind.	No.	mm	inch	mm	mm	mm	mm	mm	mm	mm	cm ²	N	kg/m	Type
WT ASA 40		08 A-1	12,7	1/2	7,85	11,15	7,95	3,96	12,0	3,9	17,8	0,44	14 100	0,60	A, E, L, C
WT ASA 50		10 A-1	15,875	5/8	9,40	13,80	10,16	5,08	15,0	4,1	21,8	0,70	22 200	1,04	A, E, L, C
WT ASA 60		12 A-1	19,05	3/4	12,57	17,70	11,91	5,94	18,0	4,6	26,9	1,05	31 800	1,52	A, E, S, L, C
WT ASA 60-GL	¹	C12 A-1	19,05	3/4	12,57	17,70	11,91	5,94	18,0	4,6	26,9	1,05	31 800	1,58	A, E, S, L, C
WT ASA 80		16 A-1	25,4	1	15,75	22,50	15,88	7,92	24,1	5,4	33,5	1,78	56 700	2,60	A, E, S, L, C
WT ASA 100		20 A-1	31,75	1 1/4	18,90	27,40	19,05	9,53	30,1	6,1	41,1	2,61	88 500	4,01	A, S, L
WT ASA 120		24 A-1	38,1	1 1/2	25,22	35,30	22,23	11,10	36,2	6,6	50,8	3,92	127 000	5,74	A, S, L
WT ASA 140		28 A-1	44,45	1 3/4	25,22	37,00	25,40	12,70	42,2	7,4	54,9	4,70	172 400	7,66	A, S, L
WT ASA 160		32 A-1	50,8	2	31,55	45,00	28,58	14,27	48,2	7,9	65,5	6,42	226 800	9,84	A, S, L

¹ nur mit geraden Laschen / ¹ with straight side plates only

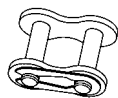
Verbindungsglieder / Connecting links



A

Außenglied
(Nietglied)

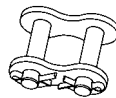
Pin link



E

Verbindungsglied
mit Feder

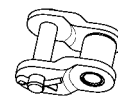
Spring
Connecting link



S

Verbindungsglied
mit Splinten

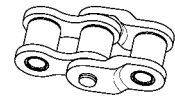
Cotter pin
Connecting link



L

Gekröpftes Glied
mit Splint

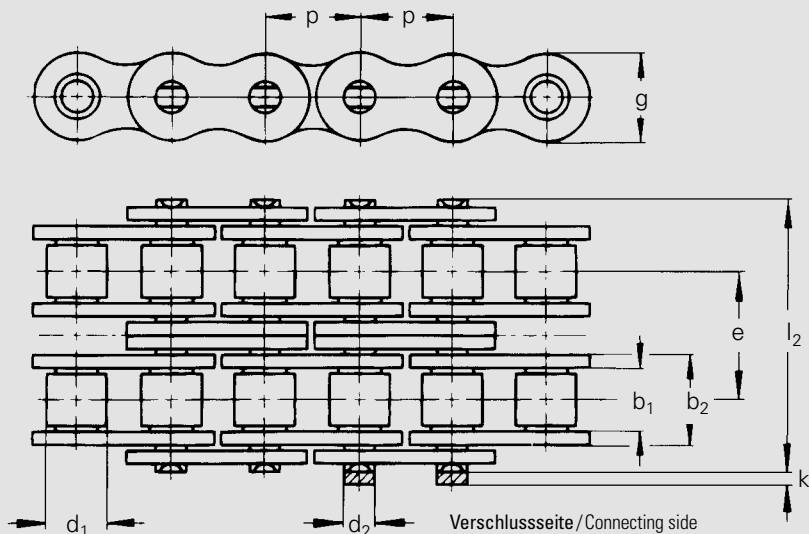
Offset link



C

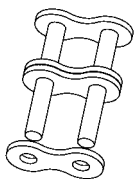
Gekröpftes
Doppelglied

Double
cranked link



WITRA®	DIN / ISO	Teilung		Innere Breite	Innengliedbreite	Rollen-Ø	Bolzen-Ø	Quer- teilung	La- schen- höhe	Über- stand	Maß über Bolzen	Gelenk- fläche	Bruchkraft DIN	Gewicht	Verbindungs- glieder
		Pitch		Inner width	Inner link width	Roller- Ø	Pin- Ø	Trans- verse pitch	Plate height	Project. over conn. link	Width over pin	Bear- ing area	Breaking load DIN	Weight	Connecting links
		p		b ₁ min.	b ₂ max.	d ₁ max.	d ₂ max.	e	g max.	k max.	l ₂ max.	f	F _B min.	q ≈	
No.	No.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	N	kg/m	Type
WT ASA 40-D	08 A-2	12,7	1/2	7,85	11,15	7,95	3,96	14,38	12,0	3,9	32,3	0,88	28 200	1,20	A, E, L, C
WT ASA 50-D	10 A-2	15,875	5/8	9,40	13,80	10,16	5,08	18,11	15,0	4,1	39,9	1,40	44 400	1,78	A, E, L, C
WT ASA 60-D	12 A-2	19,05	3/4	12,57	17,70	11,91	5,94	22,78	18,0	4,6	49,8	2,10	63 600	3,01	A, E, L, C
WT ASA 80-D	16 A-2	25,4	1	15,75	22,50	15,88	7,92	29,29	24,1	5,4	62,7	3,56	113 400	5,15	A, E, L, C
WT ASA 100-D	20 A-2	31,75	1 1/4	18,90	27,40	19,05	9,53	35,76	30,1	6,1	77,0	5,22	177 000	7,93	A, S, L
WT ASA 120-D	24 A-2	38,1	1 1/2	25,22	35,30	22,23	11,10	45,44	36,2	6,6	96,3	7,84	254 000	11,37	A, S, L
WT ASA 140-D	28 A-2	44,45	1 3/4	25,22	37,00	25,40	12,70	48,87	42,2	7,4	103,6	9,40	344 800	15,36	A, S, L
WT ASA 160-D	32 A-2	50,8	2	31,55	45,00	28,58	14,27	58,55	48,2	7,9	124,2	12,84	453 600	19,53	A, S, L

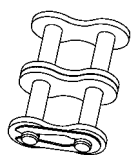
Verbindungsglieder / Connecting links



A

Außenglied
(Nietglied)

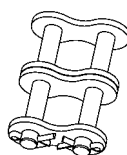
Pin link



E

Verbindungsglied
mit Feder

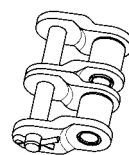
Spring
Connecting link



S

Verbindungsglied
mit Splinten

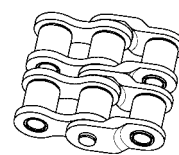
Cotter pin
Connecting link



L

Gekröpftes Glied
mit Splint

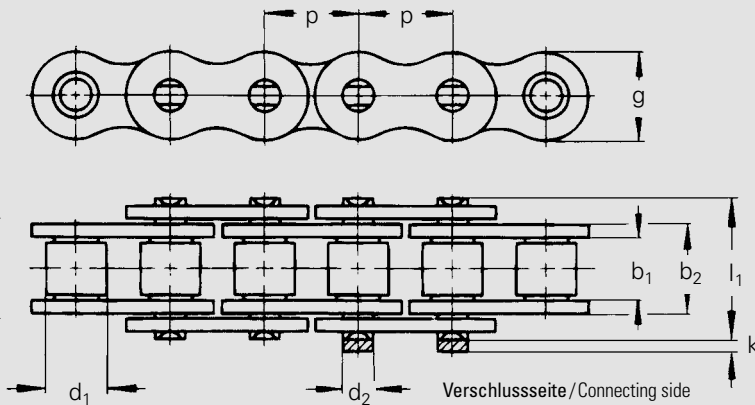
Offset link



C

Gekröpftes
Doppelglied

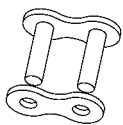
Double
cranked link



WITRA [®]		Teilung	Innere Breite	Innengliedbreite	Rollen-Ø	Bolzen-Ø	La-schen-höhe	Überstand	Maß über Bolzen	Gelenkfläche	Bruchkraft DIN	Gewicht	Verbindungs-glieder	
		Pitch	Inner width	Inner link width	Roller-Ø	Pin-Ø	Plate height	Project. over conn. link	Width over pin	Bearing area	Breaking load DIN	Weight	Connecting links	
		p	b ₁ min.	b ₂ max.	d ₁ max.	d ₂ max.	g max.	k max.	l ₁ max.	f	F _B min.	q ≈		
No.	Ind.	mm	inch	mm	mm	mm	mm	mm	mm	cm ²	N	kg/m	Type	
WT ASA 60-H		19,05	¾	12,57	19,43	11,91	5,96	18,1	4,6	30,2	1,16	31 300	1,81	A, E, L
WT ASA 80-H		25,4	1	15,75	24,28	15,88	7,94	24,1	5,4	37,4	1,92	55 600	3,00	A, E, L
WT ASA 100-H		31,75	1 ¼	18,90	29,10	19,05	9,54	30,2	6,1	44,5	2,77	87 000	4,38	A, S, L
WT ASA 120-H		38,1	1 ½	25,22	37,18	22,23	11,11	36,2	6,6	55,0	4,13	125 000	6,61	A, S, L
WT ASA 140-H		44,45	1 ¾	25,22	38,86	25,40	12,71	42,2	7,4	59,0	4,94	170 000	8,33	A, S, L
WT ASA 60-HGL	¹	19,05	¾	12,57	19,43	11,91	5,96	18,1	4,6	30,2	1,16	31 300	1,81	A, E, L
WT ASA 80-HGL	¹	25,4	1	15,75	24,28	15,88	7,94	24,1	5,4	37,4	1,92	55 600	3,00	A, E, L

¹ nur mit geraden Laschen / ¹ with straight side plates only

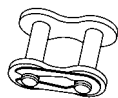
Verbindungsglieder / Connecting links



A

Außenglied
(Nietglied)

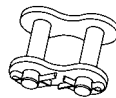
Pin link



E

Verbindungsglied
mit Feder

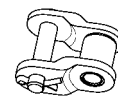
Spring
Connecting link



S

Verbindungsglied
mit Splinten

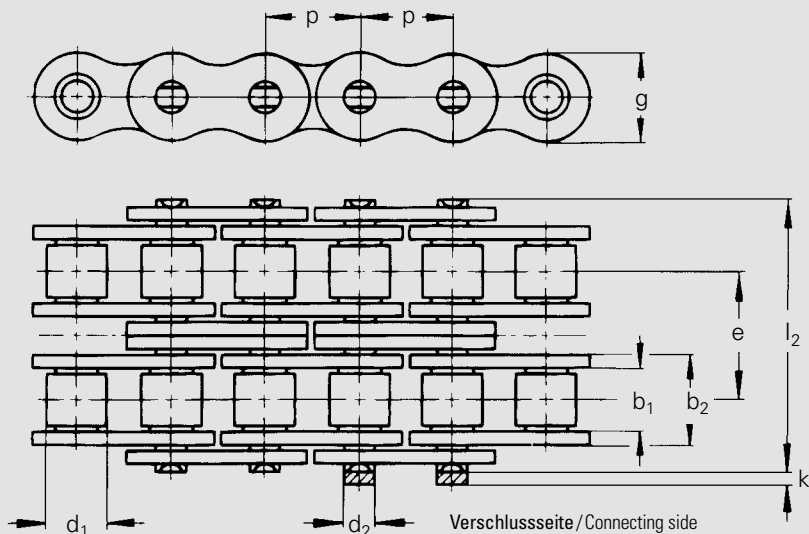
Cotter pin
Connecting link



L

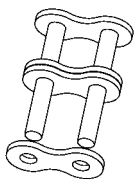
Gekröpftes Glied
mit Splint

Offset link



WITRA® No.	Teilung Pitch p		Innere Breite Inner width b ₁ min.	Innen- glied- breite Inner link width b ₂ max.	Rollen- Ø Roller- Ø d ₁ max.	Bolzen- Ø Pin- Ø d ₂ max.	Quer- teilung Trans- verse pitch e	La- schen- höhe Plate height g max.	Über- stand Project. over conn. link k max.	Maß über Bolzen Width over pin l ₂ max.	Gelenk- fläche Bear- ing area f	Bruchkraft DIN Breaking load DIN F _B min.	Gewicht Weight q ≈	Verbindungs- glieder Connecting links Type
	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	N	kg/m	
WT ASA 60-H-2	19,05	¾	12,57	19,43	11,91	5,96	26,11	18,1	4,6	56,3	2,27	62 600	3,71	A, E, L
WT ASA 80-H-2	25,4	1	15,75	24,28	15,88	7,94	32,59	24,1	5,4	70,0	3,79	112 200	5,93	A, S, L
WT ASA 100-H-2	31,75	1¼	18,90	29,10	19,05	9,54	39,09	30,2	6,1	83,6	5,50	174 000	8,67	A, S, L
WT ASA 120-H-2	38,1	1½	25,22	37,18	22,23	11,11	48,87	36,2	6,6	103,9	8,20	250 000	13,13	A, S, L
WT ASA 140-H-2	44,45	1¾	25,22	38,86	25,40	12,71	52,20	42,2	7,4	111,2	9,35	340 000	16,51	A, S, L

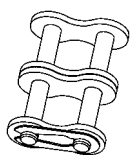
Verbindungsglieder / Connecting links



A

Außenglied
(Nietglied)

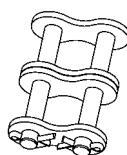
Pin link



E

Verbindungsglied
mit Feder

Spring
Connecting link



S

Verbindungsglied
mit Splinten

Cotter pin
Connecting link



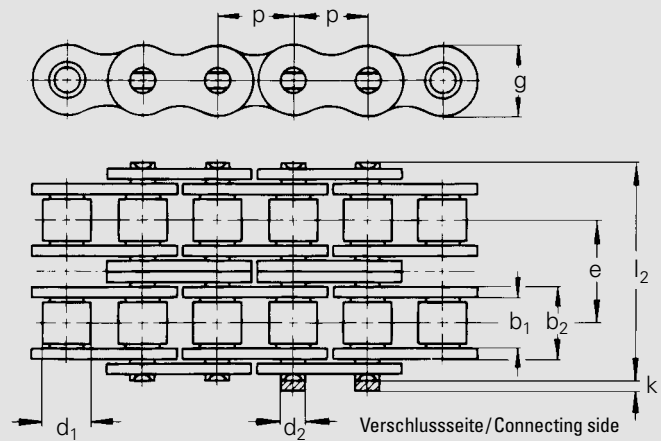
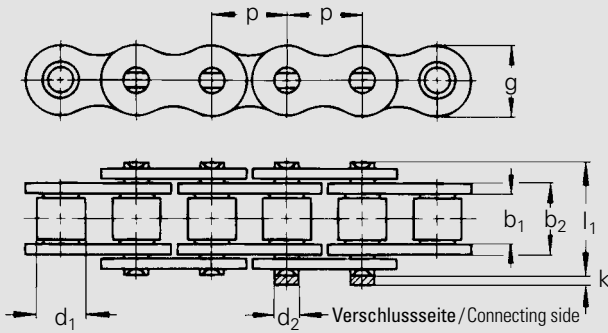
L

Gekröpftes Glied
mit Splint

Offset link

Rollenketten „rostfrei“ - Rollenketten Reihe C „rostfrei“

Roller chains „stainless steel“ - Roller chains with straight side plates „stainless steel“

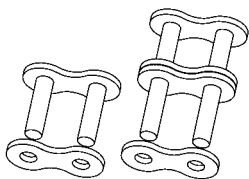


WITRA [®]	DIN / ISO	Teilung		Innere Breite	Innengliedbreite	Rollen-Ø	Bolzen-Ø	Quer- teilung	La- schen- höhe	Über- stand	Maß über Bolzen	Gelenk- fläche	Bruch- kraft DIN	Gewicht	Verbindungs- glieder
No.	No.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	N	kg/m	Connecting links
		Pitch		Inner width	Inner link width	Roller- Ø	Pin- Ø	Trans- verse pitch	Plate height	Project. over conn. link	Width over pin	Bear- ing area	Breaking load DIN	Weight	Connecting links
		p		b ₁ min.	b ₂ max.	d ₁ max.	d ₂ max.	e	g max.	k max.	l max.	f	F _B min.	q ≈	Type
WT 05 SS	05 B-1	8	-	3,00	4,77	5,00	2,31	-	7,1	3,1	8,6	0,11	5 000	0,18	A, E, C
WT 06 SS	06 B-1	9,525	3/8	5,72	8,53	6,35	3,28	-	8,2	3,3	13,5	0,28	9 000	0,41	A, E, L, C
WT 08 SS	08 B-1	12,7	1/2	7,75	11,30	8,51	4,45	-	11,8	3,9	17,0	0,50	12 000	0,68	A, E, L, C
WT 10 SS	10 B-1	15,875	5/8	9,65	13,28	10,16	5,08	-	14,7	4,1	19,6	0,67	15 000	0,91	A, E, L, C
WT 12 SS	12 B-1	19,05	3/4	11,68	15,62	12,07	5,72	-	16,1	4,6	22,7	0,88	17 000	1,12	A, E, L, C
WT 16 SS	16 B-1	25,4	1	17,02	25,40	15,88	8,27	-	21,0	5,4	36,1	2,07	40 000	2,64	A, E, S, C
WT 06-D SS	06 B-2	9,525	3/8	5,72	8,53	6,35	3,28	10,24	8,2	3,3	23,8	0,56	16 900	0,78	A, E, L, C
WT 08-D SS	08 B-2	12,7	1/2	7,75	11,30	8,51	4,45	13,92	11,8	3,9	31,0	1,00	22 000	1,35	A, E, L, C
WT 10-D SS	10 B-2	15,875	5/8	9,65	13,28	10,16	5,08	16,59	14,7	4,1	36,2	1,34	28 400	1,79	A, E, L, C
WT 12-D SS	12 B-2	19,05	3/4	11,68	15,62	12,07	5,72	19,46	16,1	4,6	42,2	1,76	37 200	2,22	A, E, L, C
WT 16-D SS	16 B-2	25,4	1	17,02	25,40	15,88	8,27	31,88	21,0	5,4	68,0	4,14	74 400	5,13	A, E, S, L, C

Einfach Rollenketten Reihe C „rostfrei“ (gerade Laschen) Simplex roller chains with straight side plates „stainless steel“

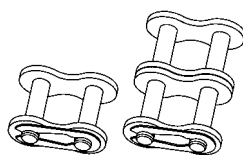
WT C 08 SS	08 B-1	12,7	1/2	7,75	11,30	8,51	4,45	-	11,8	3,9	17,0	0,50	12 000	0,68	A, E, L
WT C 10 SS	10 B-1	15,875	5/8	9,65	13,28	10,16	5,08	-	14,7	4,1	19,1	0,67	15 000	0,91	A, E, L
WT C 12 SS	12 B-1	19,05	3/4	11,68	15,62	12,07	5,72	-	16,1	4,6	22,7	0,88	17 000	1,12	A, E, L
WT C 16 SS	16 B-1	25,4	1	17,02	25,40	15,88	8,27	-	21,0	5,4	36,1	2,07	40 000	2,64	A, E, L
WT C 16 SS/24	-	25,4	1	17,02	25,40	15,88	8,27	-	24,0	5,4	36,1	2,07	40 000	2,64	A, E, L

Verbindungsglieder / Connecting links



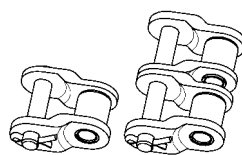
A
Außenglied
(Nietglied)

Pin link



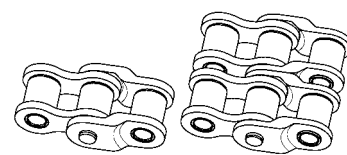
E
Verbindungsglied
mit Feder

Spring
Connecting link



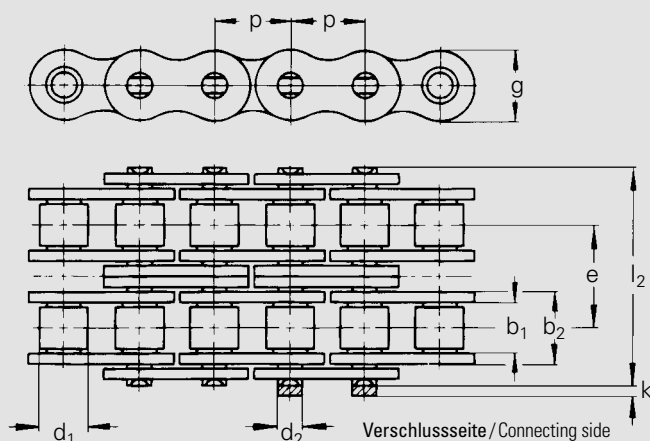
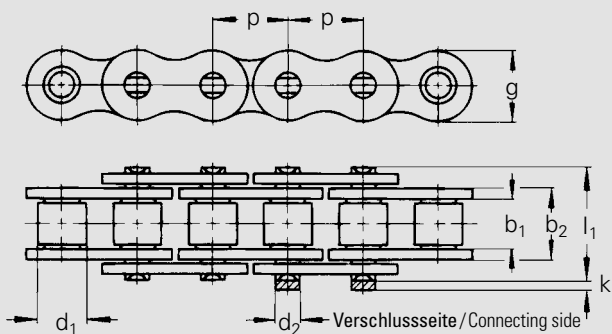
L
Gekröpftes Glied
mit Splint

Offset link



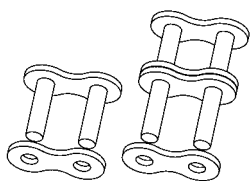
C
Gekröpftes
Doppelglied

Double
cranked link



WITRA®	DIN/ISO	Teilung		Innere Breite	Innengliedbreite	Rollen-Ø	Bolzen-Ø	Quer- teilung	La- schen- höhe	Über- stand	Maß über Bolzen	Gelenk- fläche	Bruch- kraft DIN	Gewicht	Verbindungs- glieder
		Pitch		Inner width	Inner link width	Roller- Ø	Pin- Ø	Trans- verse pitch	Plate height	Project. over conn. link	Width over pin	Bea- ring area	Breaking load DIN	Weight	Connecting links
		p		b ₁ min.	b ₂ max.	d ₁ max.	d ₂ max.	e	g max.	k max.	l max.	f	F _B min.	q ≈	Type
No.	No.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	N	kg/m	
WT 05 NP	05 B-1	8	-	3,00	4,77	5,00	2,31	-	7,1	3,1	8,6	0,11	5 000	0,18	A, E
WT 06 NP	06 B-1	9,525	3/8	5,72	8,53	6,35	3,28	-	8,2	3,3	13,5	0,28	9 000	0,39	A, E, L
WT 08 NP	08 B-1	12,7	1/2	7,75	11,30	8,51	4,45	-	11,8	3,9	17,0	0,50	18 000	0,68	A, E, L
WT 10 NP	10 B-1	15,875	5/8	9,65	13,28	10,16	5,08	-	14,7	4,1	19,6	0,67	22 400	0,91	A, E, L
WT 12 NP	12 B-1	19,05	3/4	11,68	15,62	12,07	5,72	-	16,1	4,6	22,7	0,89	29 000	1,12	A, E, L
WT 16 NP	16 B-1	25,4	1	17,02	25,40	15,88	8,28	-	21,0	5,4	36,1	2,10	60 000	2,64	A, E, L
WT 05-D NP	05 B-2	8	-	3,00	4,77	5,00	2,31	5,64	7,1	3,1	14,3	0,22	7 800	0,36	A, E
WT 06-D NP	06 B-2	9,525	3/8	5,72	8,53	6,35	3,28	10,24	8,2	3,3	23,8	0,56	16 900	0,74	A, E, L
WT 08-D NP	08 B-2	12,7	1/2	7,75	11,30	8,51	4,45	13,92	11,8	3,9	31,0	1,01	32 000	1,35	A, E, L
WT 10-D NP	10 B-2	15,875	5/8	9,65	13,28	10,16	5,08	16,59	14,7	4,1	36,2	1,34	44 500	1,79	A, E, L
WT 12-D NP	12 B-2	19,05	3/4	11,68	15,62	12,07	5,72	19,46	16,1	4,6	42,2	1,79	57 800	2,22	A, E, L
WT 16-D NP	16 B-2	25,4	1	17,02	25,40	15,88	8,28	31,88	21,0	5,4	68,0	4,21	106 000	5,13	A, E, L

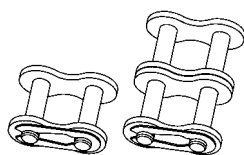
Verbindungsglieder / Connecting links



A

Außenglied
(Nietglied)

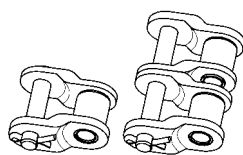
Pin link



E

Verbindungsglied
mit Feder

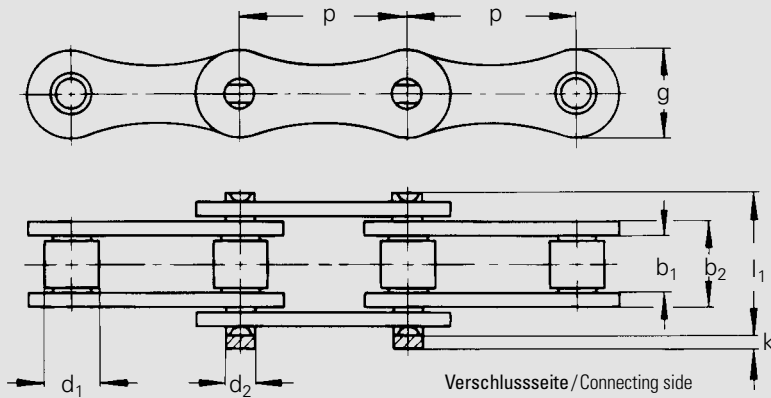
Spring
Connecting link



L

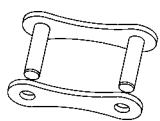
Gekrüptes Glied
mit Splint

Offset link



WITRA [®]	DIN/ISO	Teilung		Innere Breite	Innengliedbreite	Rollen-Ø	Bolzen-Ø	Laschenhöhe	Überstand	Maß über Bolzen	Gelenkfläche	Bruchkraft DIN	Gewicht	Verbindungs-glieder
		Pitch	Pitch											
No.	No.	mm	inch	b ₁ min.	b ₂ max.	d ₁ max.	d ₂ max.	g max.	k max.	l ₁ max.	f	F _B min.	q ≈	Type
Amerikanische Bauart / American Series														
WT 208-A	208 A	25,4	1	7,85	11,15	7,95	3,96	12,0	3,9	17,8	0,44	14 100	0,49	A, B, S, L
WT 210-A	210 A	31,75	1 ¼	9,40	13,80	10,16	5,08	15,0	4,1	21,8	0,70	22 200	0,64	A, B, S, L
WT 212-A	212 A	38,1	1 ½	12,57	17,70	11,91	5,94	18,0	4,6	26,9	1,05	31 800	1,02	A, B, S, L
WT 216-A	216 A	50,8	2	15,75	22,50	15,88	7,92	24,1	5,4	33,5	1,78	56 700	1,71	A, B, S, L
WT 220-A	220 A	63,5	2 ½	18,90	27,40	19,05	9,53	30,0	4,3	40,4	2,59	86 700	2,55	A, B, S, L
Europäische Bauart / European Series														
WT 208-B	208 B	25,4	1	7,75	11,30	8,51	4,45	11,8	3,9	17,0	0,50	18 000	0,46	A, B, E, S, L
WT 210-B	210 B	31,75	1 ¼	9,65	13,28	10,16	5,08	14,7	4,1	19,6	0,67	22 400	0,57	A, B, E, S, L
WT 212-B	212 B	38,1	1 ½	11,68	15,62	12,07	5,72	16,1	4,6	22,7	0,89	29 000	0,75	A, B, S, L
WT 216-B	216 B	50,8	2	17,02	25,40	15,88	8,28	21,0	5,4	36,1	2,10	60 000	1,74	A, B, S, L
WT 220-B	220 B	63,5	2 ½	19,56	29,00	19,05	10,19	28,5	6,1	43,2	2,96	95 000	2,55	A, B, S, L

Verbindungsglieder / Connecting links



A

Außenglied (Nietglied)

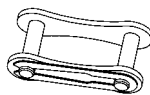
Pin link



B

Innenglied

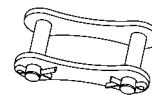
Inner link



E

Verbindungsglied mit Feder

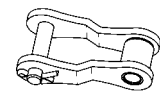
Spring Connecting link



S

Verbindungsglied mit Splinten

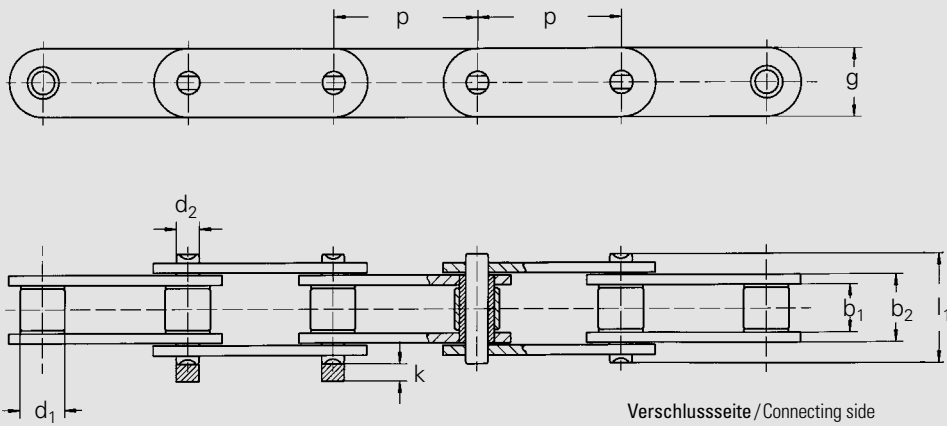
Cotter pin Connecting link



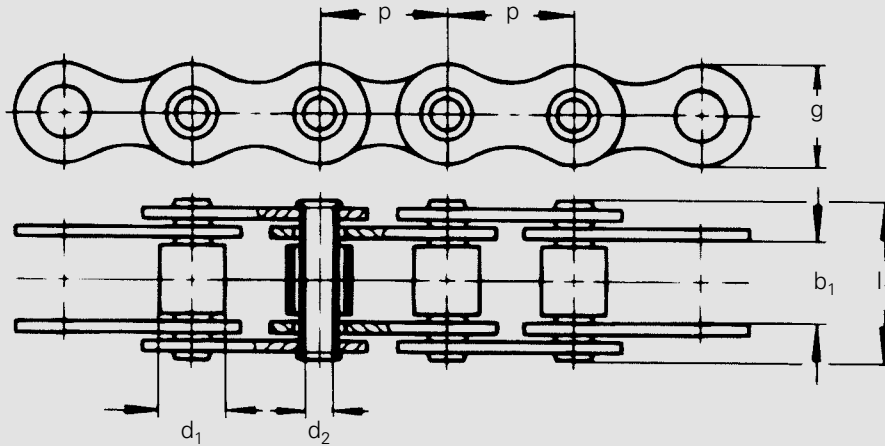
L

Gekröpftes Glied mit Splint

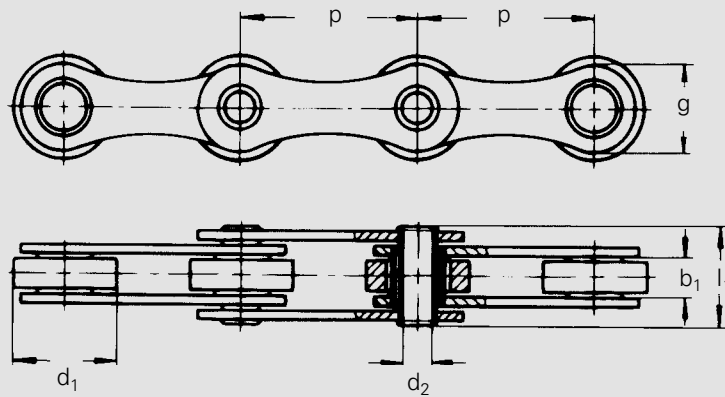
Offset link



WITRA [®]	DIN/ISO	Teilung		Innere Breite	Innengliedbreite	Rollen-Ø	Bolzen-Ø	Laschenhöhe	Überstand	Maß über Bolzen	Gelenkfläche	Bruchkraft DIN	Gewicht	Verbindungsglieder
No.	No.	Pitch		Inner width	Inner link width	Roller-Ø	Pin-Ø	Plate height	Project. over conn. link	Width over pin	Bearing area	Breaking load DIN	Weight	Connecting links
		p		b ₁ min.	b ₂ max.	d ₁ max.	d ₂ max.	g max.	k max.	l ₁ max.	f	F _B min.	q ≈	Type
WT C 2050	C 210 A	31,75	1 ¼	9,40	13,84	10,16	5,09	15,1	4,1	21,8	0,70	21 800	0,81	A, B, S, L
WT C 2060	C 212 A	38,1	1 ½	12,57	17,75	11,91	5,96	18,08	4,6	26,9	1,05	31 100	1,12	A, B, S, L
WT C 2060-H	C 212 A-H	38,1	1 ½	12,57	19,43	11,91	5,96	18,08	4,6	29,8	1,16	31 100	1,44	A, B, S, L
WT C 2080	C 216 A	50,8	2	15,75	22,61	15,88	7,94	24,13	5,4	33,5	1,78	55 600	2,08	A, B, S, L
WT C 2080-H	C 216 A-H	50,8	2	15,75	24,28	15,88	7,94	24,13	5,4	36,7	1,92	55 600	2,54	A, B, S, L

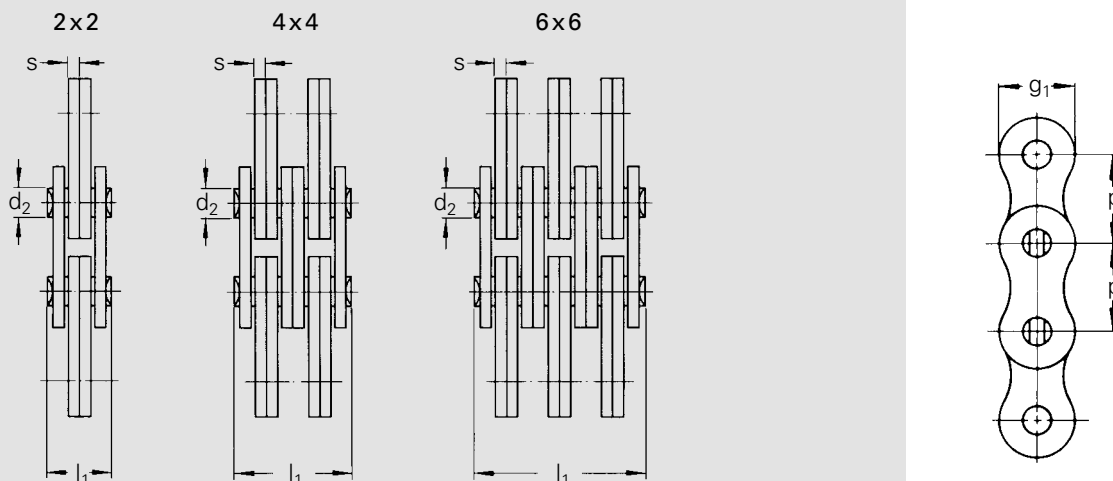


Bauart 1
Type 1

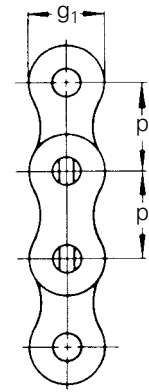
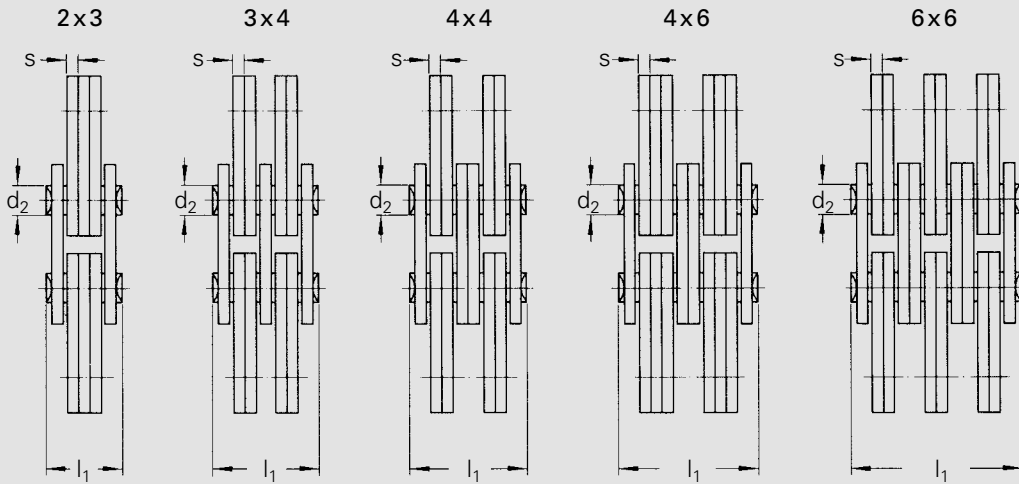


Bauart 2
Type 2

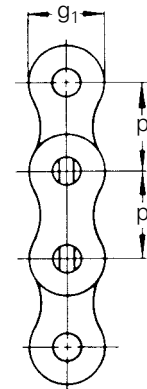
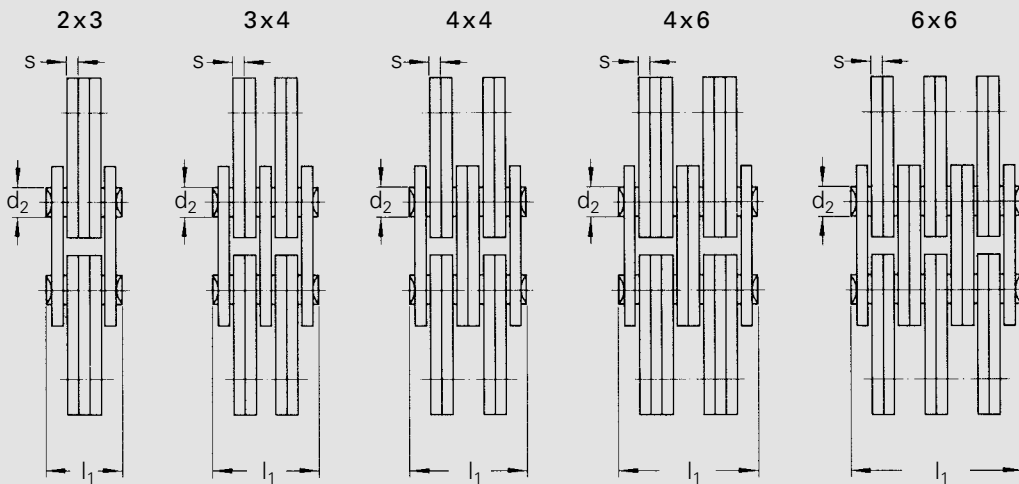
WITRA [®]	Teilung		Innere Breite	Rollen-Ø	Bohrungs-Ø	Laschenhöhe	Hohlbolzenbreite	Bauart	Gelenkfläche	Bruchkraft DIN	Gewicht
No.	mm	inch	mm	mm	mm	mm	mm	Type	cm ²	N	kg/m
	Pitch		Inner width	Roller-Ø	Bore Ø	Plate height	Hollow pin width		Bearing area	Breaking load DIN	Weight
	p		b ₁ min.	d ₁ min.	d ₂ max.	g max.	l ₁ max.		f	F _B min.	q ≈
WT 01463	12,7	1/2	9,50	8,51	4,00	11,8	19,0	1	0,20	14,00	0,68
WT 01650	50,8	2	10,00	30,00	8,20	26,0	27,0	2	1,94	50 000	2,15



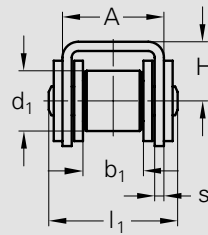
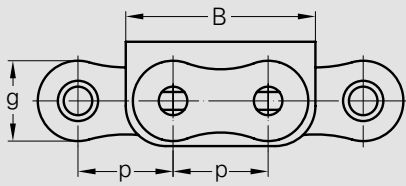
WITRA®	DIN/ISO ANSI	Nennteilung	Laschen- kombination	Laschenhöhe	Laschendicke	Bolzen- Ø	Breite über Bolzen	Bruchkraft	Gewicht
		Pitch	Lacing	Plate height	Plate thickness	Pin- Ø	Width over pin	Breaking load	Weight
		p		g ₁ max.	s max.	d ₂ max.	l ₁ max.	F _B min.	q ≈
No.	No.	mm		mm	mm	mm	mm	N	kg/m
WT LL0822	LL0822	12,7	2 x 2	10,6	1,60	4,45	7,9	17 800	0,41
WT LL0844	LL0844	12,7	4 x 4	10,6	1,60	4,45	14,4	31 100	0,69
WT LL0866	LL0866	12,7	6 x 6	10,6	1,60	4,45	20,5	44 500	0,97
WT LL1022	LL1022	15,875	2 x 2	13,7	1,65	5,08	9,3	22 200	0,59
WT LL1044	LL1044	15,875	4 x 4	13,7	1,65	5,08	16,1	44 500	1,13
WT LL1066	LL1066	15,875	6 x 6	13,7	1,65	5,08	22,9	66 700	1,67
WT LL1222	LL1222	19,05	2 x 2	15,0	1,85	5,72	10,7	28 900	0,64
WT LL1244	LL1244	19,05	4 x 4	15,0	1,85	5,72	18,5	57 800	1,26
WT LL1266	LL1266	19,05	6 x 6	15,0	1,85	5,72	26,3	86 700	1,88
WT LL1622	LL1622	25,4	2 x 2	21,0	3,20	8,28	17,2	58 000	1,52
WT LL1644	LL1644	25,4	4 x 4	21,0	3,20	8,28	30,2	116 000	2,98
WT LL1666	LL1666	25,4	6 x 6	21,0	3,20	8,28	43,2	174 000	4,44
WT LL2022	LL2022	31,75	2 x 2	26,4	3,70	10,19	20,1	95 000	2,33
WT LL2044	LL2044	31,75	4 x 4	26,4	3,70	10,19	35,1	190 000	4,56
WT LL2066	LL2066	31,75	6 x 6	26,4	3,70	10,19	50,1	285 000	6,79
WT LL2422	LL2422	38,1	2 x 2	33,2	5,20	14,63	28,4	170 000	4,47
WT LL2444	LL2444	38,1	4 x 4	33,2	5,20	14,63	49,4	340 000	8,67
WT LL2466	LL2466	38,1	6 x 6	33,2	5,20	14,63	70,4	510 000	12,87



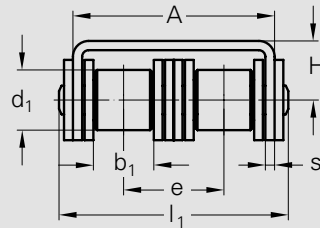
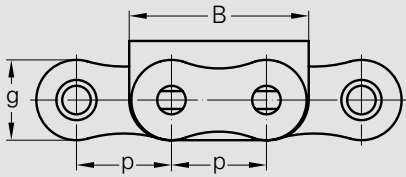
WITRA [®]	DIN/ISO ANSI	Nennteilung	Laschenkombination	Laschenhöhe	Laschendicke	Bolzen-Ø	Breite über Bolzen	Bruchkraft	Gewicht
		Pitch	Lacing	Plate height	Plate thickness	Pin-Ø	Width over pin	Breaking load	Weight
		p		g ₁ max.	s max.	d ₂ max.	l ₁ max.	F _B min.	q ≈
No.	No.	mm		mm	mm	mm	mm	N	kg/m
WT BL0523	LH1023	15,875	2 x 3	15,0	2,42	5,94	15,37	33 400	1,16
WT BL0534	LH1034	15,875	3 x 4	15,0	2,42	5,94	20,32	48 900	1,62
WT BL0544	LH1044	15,875	4 x 4	15,0	2,42	5,94	22,78	66 700	1,84
WT BL0546	LH1046	15,875	4 x 6	15,0	2,42	5,94	27,74	66 700	2,30
WT BL0566	LH1066	15,875	6 x 6	15,0	2,42	5,94	32,18	100 100	2,74
WT BL0623	LH1223	19,05	2 x 3	18,0	3,25	7,92	20,73	48 900	1,80
WT BL0634	LH1234	19,05	3 x 4	18,0	3,25	7,92	27,43	75 600	2,49
WT BL0644	LH1244	19,05	4 x 4	18,0	3,25	7,92	30,78	97 900	2,83
WT BL0646	LH1246	19,05	4 x 6	18,0	3,25	7,92	37,49	97 900	3,52
WT BL0666	LH1266	19,05	6 x 6	18,0	3,25	7,92	44,20	148 800	4,21
WT BL0688	LH1288	19,05	8 x 8	18,0	3,25	7,92	57,61	195 700	5,60



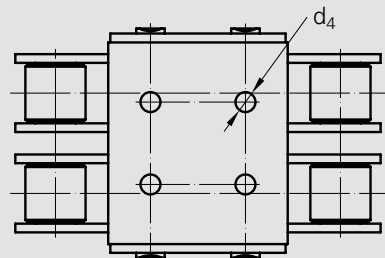
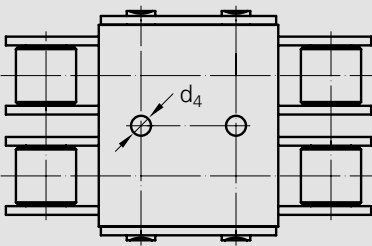
WITRA®	DIN/ISO ANSI	Nennteilung	Laschen- kombination	Laschenhöhe	Laschendicke	Bolzen- Ø	Breite über Bolzen	Bruchkraft	Gewicht
		Pitch	Lacing	Plate height	Plate thickness	Pin- Ø	Width over pin	Breaking load	Weight
		p		g ₁ max.	s max.	d ₂ max.	l ₁ max.	F _B min.	q ≈
No.	No.	mm		mm	mm	mm	mm	N	kg/m
WT BL0823	LH 1623	25,4	2 x 3	24,0	4,00	9,53	25,48	84 500	3,47
WT BL0834	LH 1634	25,4	3 x 4	24,0	4,00	9,53	33,76	129 000	4,82
WT BL0844	LH 1644	25,4	4 x 4	24,0	4,00	9,53	37,90	169 000	5,43
WT BL0846	LH 1646	25,4	4 x 6	24,0	4,00	9,53	46,18	169 000	6,83
WT BL0866	LH 1666	25,4	6 x 6	24,0	4,00	9,53	54,46	253 600	8,19
WT BL1023	LH 2023	31,75	2 x 3	30,0	4,80	11,10	30,33	115 600	4,65
WT BL1034	LH 2034	31,75	3 x 4	30,0	4,80	11,10	40,23	182 400	6,46
WT BL1044	LH 2044	31,75	4 x 4	30,0	4,80	11,10	45,19	231 300	7,37
WT BL1046	LH 2046	31,75	4 x 6	30,0	4,80	11,10	55,09	231 300	9,18
WT BL1066	LH 2066	31,75	6 x 6	30,0	4,80	11,10	65,00	347 000	11,00
WT BL 1234	LH 2434	38,1	3 x 4	36,20	5,77	12,71	47,07	244 600	8,10
WT BL 1244	LH 2444	38,1	4 x 4	36,20	5,77	12,71	52,88	302 500	9,30
WT BL 1246	LH 2446	38,1	4 x 6	36,20	5,77	12,71	64,52	302 500	11,60
WT BL 1266	LH 2466	38,1	6 x 6	36,20	5,77	12,71	76,15	453 700	13,90
WT BL 1634	LH 3234	50,8	3 x 4	48,26	7,52	17,46	61,72	440 400	14,00
WT BL 1644	LH 3244	50,8	4 x 4	48,26	7,52	17,46	69,29	573 800	16,00
WT BL1646	LH 3246	50,8	4 x 6	48,26	7,52	17,46	84,43	573 800	20,00
WT BL 1666	LH 3266	50,8	6 x 6	48,26	7,52	17,46	99,57	857 400	24,00



Profil 1
Profile 1

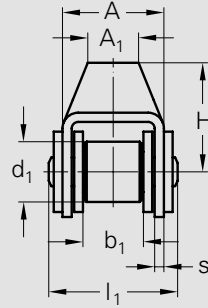
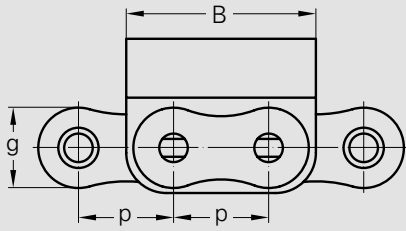


Profil 2
Profile 2

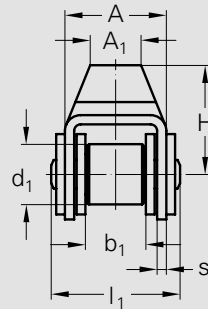
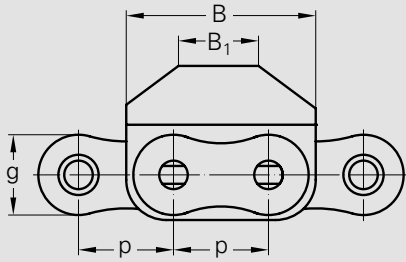
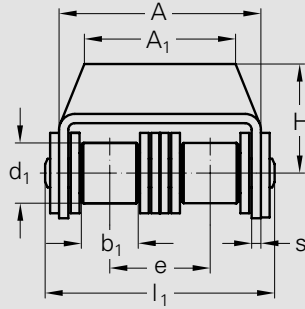
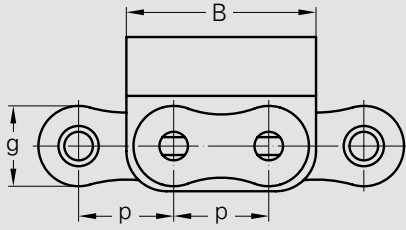


Profil 3
Profile 3

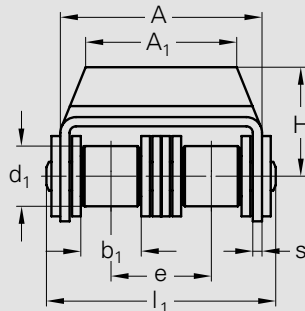
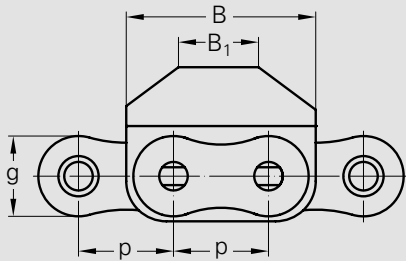
WITRA [®]	Teilung		Innere Breite	Innengliedbreite	Rollen-Ø	La-schen-höhe	Maß über Bolzen	Quer-teilung	Mitnehmer-Maße					Profil	Gewicht	Verbindungs-glieder
	Pitch		Inner width	Inner link width	Roller-Ø	Plate height	Width over pin	Transverse pitch	Attachment dimensions					Profile	Weight	Connecting links
	p		b ₁ min.	b ₂ max.	d ₁ max.	g max.	l ₁ max.	e	A	B	H	d ₄	s	q ≈	Type	
No.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg/m		
08B-1 U1	12,7	1/2	7,75	11,30	8,51	11,80	20,00	-	14,60	24,20	8,30	4,00	1,60	1	1,13	A, E
08B-2 U1	12,7	1/2	7,75	11,30	8,51	11,80	34,30	13,92	28,40	24,20	8,30	4,00	1,60	3	1,96	A, E
12B-1 U1	19,05	3/4	11,68	15,62	12,70	16,00	25,70	-	19,60	36,00	13,00	5,00	1,85	1	1,90	A, E
12B-2 U1	19,05	3/4	11,68	15,62	12,70	16,00	45,30	19,46	39,10	36,00	13,00	5,00	1,85	3	3,03	A, E
16B-1 U1	25,4	1	17,02	25,40	15,88	21,00	39,70	-	29,05	49,00	15,40	6,00	1,60	1	3,73	A, S
16B-2 U1	25,4	1	17,02	25,40	15,88	21,00	71,70	31,88	60,93	49,00	16,20	6,00	1,60	2	6,15	A, E



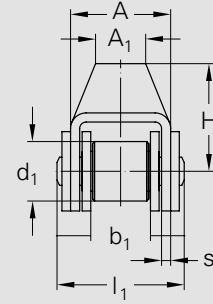
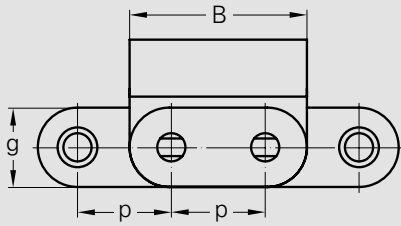
Profil 1
Profile 1



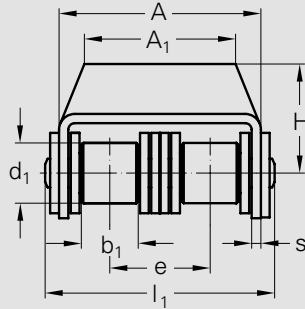
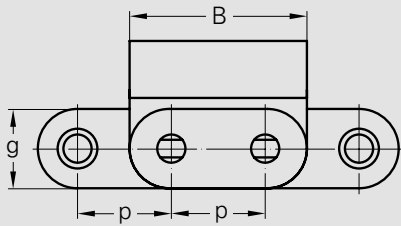
Profil 2
Profile 2



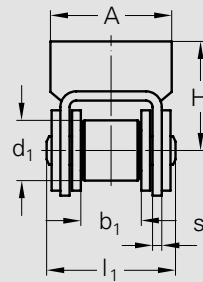
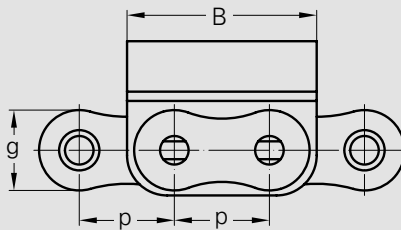
WITRA®	Teilung		Innere Breite	Innengliedbreite	Rollen-Ø	La-schen-höhe	Maß über Bolzen	Quer-teilung	Mitnehmer-Maße						Profil	Gewicht	Verbindungs-glieder
	Pitch								Attachment dimensions								
	p		b ₁ min.	b ₂ max.	d ₁ max.	g max.	l ₁ max.	e	A	A ₁	B	B ₁	H	s	q ≈	Type	
No.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg/m	
08B-1 G1	12,7	1/2	7,75	11,30	8,51	11,80	20,00	-	14,60	-	24,20	-	12,30	1,60	1	1,19	A, E
08B-2 G1	12,7	1/2	7,75	11,30	8,51	11,80	34,30	13,92	28,40	-	24,20	-	12,30	1,60	1	2,07	A, E
08B-2 G2	12,7	1/2	7,75	11,30	8,51	11,80	34,30	13,92	28,40	25,40	24,20	9	12,00	1,50	2	2,00	A, E
12B-1 G1	19,05	3/4	11,68	15,62	12,70	16,00	25,70	-	19,60	-	36,00	-	21,00	1,85	1	2,01	A, E
12B-2 G1	19,05	3/4	11,68	15,62	12,70	16,00	45,30	19,46	39,10	-	36,00	-	16,00	1,85	1	3,21	A, E
16B-1 G1	25,4	1	17,02	25,40	15,88	21,00	39,70	-	29,10	-	49,00	-	21,40	1,60	1	3,83	A, E
16B-1 G2	25,4	1	17,02	25,40	15,88	21,00	39,70	-	29,05	29,05	49,00	41	21,40	1,60	2	3,83	A, E



Profil 1
Profile 1

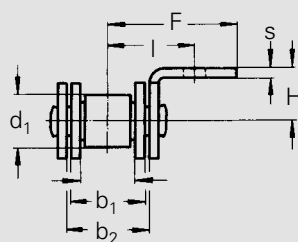
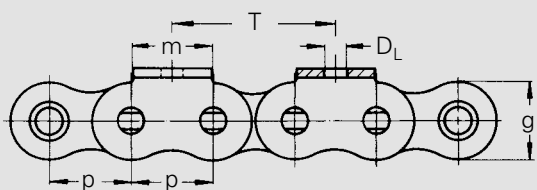


Profil 2
Profile 2



Profil 3
Profile 3

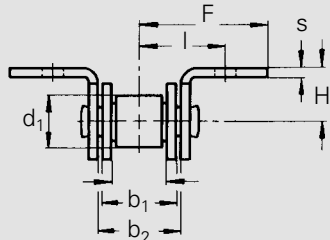
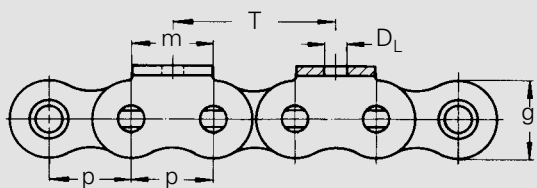
WITRA [®]	Teilung		Innere Breite	Innengliedbreite	Rollen-Ø	La-schen-höhe	Maß über Bolzen	Quer-teilung	Mitnehmer-Maße					Profil	Gewicht	Verbindungs-glieder
	Pitch								Attachment dimensions							
	p		b ₁ min.	b ₂ max.	d ₁ max.	g max.	l ₁ max.	e	A	A ₁	B	H	s	q ≈	Type	
C 08B-1 G1	12,7	1/2	7,75	11,30	8,51	11,80	20,00	-	14,60	12,00	24,20	12,30	1,60	1	1,30	A, E
08B-1 G2	12,7	1/2	7,75	11,30	8,51	11,80	20,00	-	18,00		24,20	12,30	1,60	3	1,21	A, E
C 08B-2 G1	12,7	1/2	7,75	11,30	8,51	11,80	34,30	13,92	28,40	24,00	24,20	12,30	1,50	2	2,29	A, E
C 12B-1 G1	19,05	3/4	11,68	15,62	12,70	16,00	25,70	-	19,60	10,00	36,00	21,00	1,85	1	2,15	A, E
C 12B-2 G1	19,05	3/4	11,68	15,62	12,70	16,00	45,30	19,46	39,10	37,00	36,00	16,00	1,85	2	3,48	A, E
C 16B-1 G1	25,4	1	17,02	25,40	15,88	21,00	39,70	-	29,05	29,05	49,00	21,40	1,60	1	4,11	A, S



A

einseitige Winkellaschen

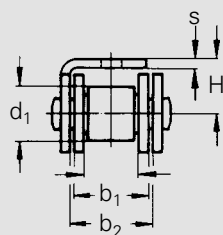
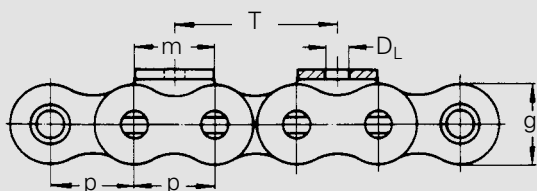
bent attachments,
one side



B

zweiseitige Winkellaschen

bent attachments,
both side



C

**Winkellaschen einseitig
übergreifend**

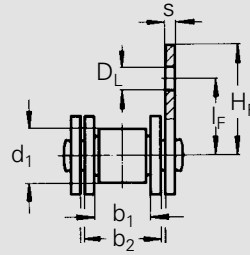
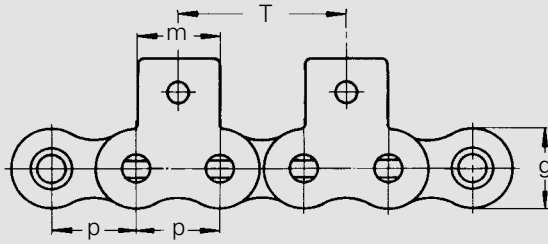
bent over chain
attachments, one side

WITRA®		Similar DIN/ISO	Nennteilung		Innere Breite	Innenglied- breite	Rollen- Ø	Laschen- höhe	Bruch- kraft	Mitnehmer-Maße					
			Pitch		Inner width	Inner link width	Roller- Ø	Plate height	Breaking load DIN	Attachment dimensions					
			p		b ₁ min.	b ₂ max.	d ₁ max.	g max.	F _B min.	m	D _L	l	F	H	s
No.	Ind.	No.	mm	inch	mm	mm	mm	mm	N	mm	mm	mm	mm	mm	mm
WT 05		05 B-1	8		3,00	4,77	5,00	7,1	5 000	8,0	3,20	6,6	12,0	5,0	0,80
WT 06	¹	06 B-1	9,525	3/8	5,72	8,53	6,35	8,2	9 000	8,0	3,50	9,5	13,5	6,5	1,25
WT 08		08 B-1	12,7	1/2	7,75	11,30	8,51	11,8	18 000	12,5	4,50	13,1	19,0	10,0	1,50
WT 10		10 B-1	15,875	5/8	9,65	13,28	10,16	14,7	22 400	15,0	5,50	16,7	27,0	10,0	1,70
WT 12		12 B-1	19,05	3/4	11,68	15,62	12,07	16,1	29 000	18,5	6,60	18,6	29,0	11,0	1,80
WT 16		16 B-1	25,4	1	17,02	25,40	15,88	21,0	60 000	25,0	9,00	28,9	41,8	18,0	3,00
WT 20		20 B-1	31,75	1 1/4	19,56	29,00	19,05	26,4	95 000	35,0	9,00	33,4	50,0	18,0	3,75
WT 24		24 B-1	38,1	1 1/2	25,40	37,90	25,40	33,4	160 000	38,0	11,00	44,0	64,0	25,0	5,00

¹ nur mit geraden Laschen / ¹ with straight side plates only

Rollenketten mit Flachlaschen und Mitnehmerbolzen

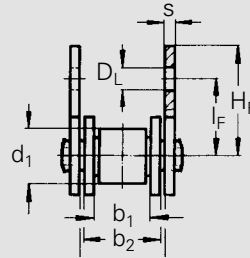
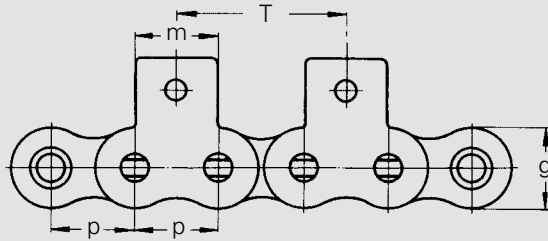
Roller chains with single hole straight attachments and extended pins



D

einseitige Flachlaschen

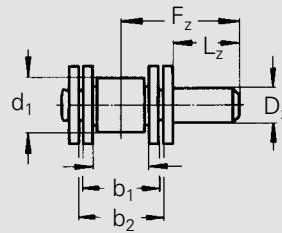
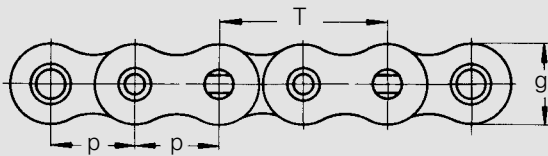
straight attachments,
one side



E

zweiseitige Flachlaschen

straight attachments,
both sides



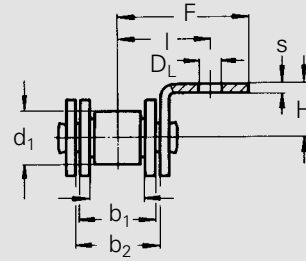
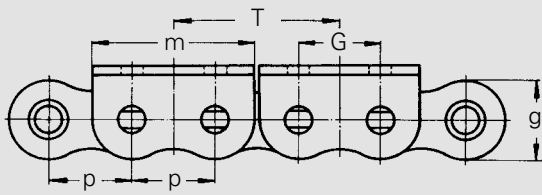
F

**einseitige Mitnehmerbolzen
(auch versetzt wechselseitig
möglich)**

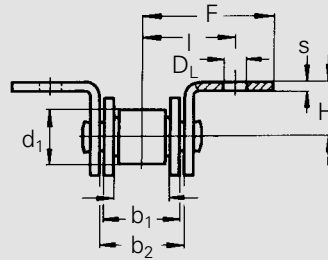
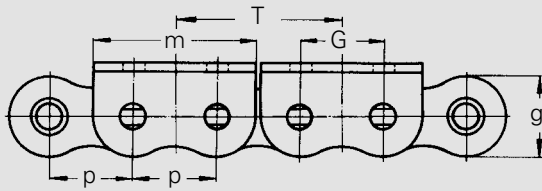
extended pins, available
on alternate sides

WITRA [®]		Similar DIN/ISO	Nennteilung		Innere Breite	Innen- glied- breite	Rollen- Ø	La- schen- höhe	Bruch- kraft	Mitnehmer-Maße							
No.	Ind.	No.	Pitch		Inner width	Inner link width	Roller- Ø	Plate height	Breaking load DIN	Attachment dimensions							
			p		b ₁ min.	b ₂ max.	d ₁ max.	g max.	F _B min.	m	D _L	l _F	H _F	s	D _Z h9	L _Z	F _Z
			mm	inch	mm	mm	mm	mm	N	mm	mm	mm	mm	mm	mm	mm	mm
WT 05		05 B-1	8	-	3,00	4,77	5,00	7,1	5 000	8,0	3,00	7,5	13,0	0,80	4,0	10	13,3
WT 06	¹	06 B-1	9,525	3/8	5,72	8,53	6,35	8,2	9 000	8,0	3,50	9,0	13,8	1,25	5,0	15	20,7
WT 08		08 B-1	12,7	1/2	7,75	11,30	8,51	11,8	18 000	12,5	4,50	14,7	20,3	1,50	6,0	15	22,4
WT 10		10 B-1	15,875	5/8	9,65	13,28	10,16	14,7	22 400	15,0	5,50	17,2	26,7	1,70	6,5	20	28,5
WT 12		12 B-1	19,05	3/4	11,68	15,62	12,07	16,1	29 000	18,5	6,60	18,7	29,0	1,80	7,0	20	29,8
WT 16		16 B-1	25,4	1	17,02	25,40	15,88	21,0	60 000	25,0	9,00	28,6	41,5	3,00	10,0	30	45,9
WT 20		20 B-1	31,75	1/4	19,56	29,00	19,05	26,4	95 000	35,0	9,00	30,5	45,7	3,75	12,0	30	48,4
WT 24		24 B-1	38,1	1/2	25,40	37,90	25,40	33,4	160 000	38,0	11,00	41,0	60,0	5,00	16,0	35	59,1

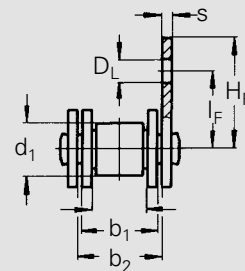
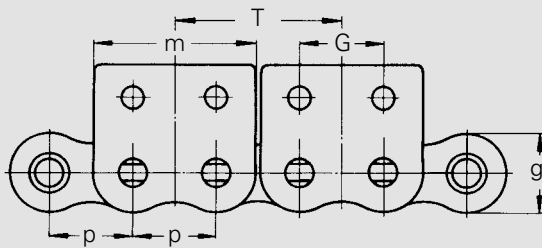
¹ nur mit geraden Laschen / ¹ with straight side plates only



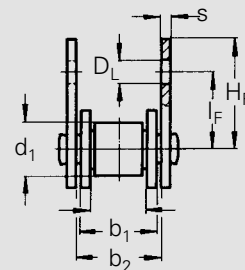
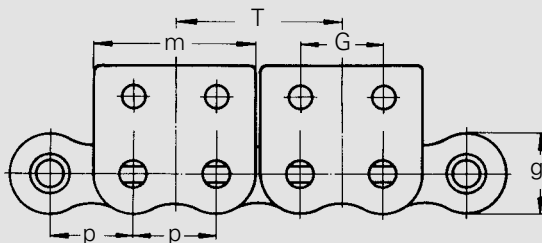
A2
einseitige Winkelaschen
bent attachments,
one side



B2
zweiseitige Winkelaschen
bent attachments,
both side



D2
einseitige Flachlaschen
straight attachments,
one side



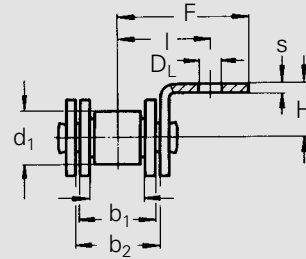
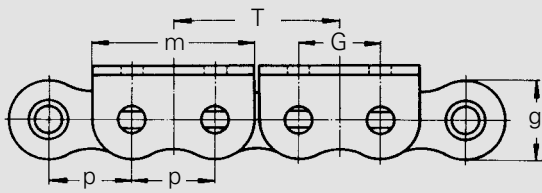
E2
zweiseitige Flachlaschen
straight attachments,
both sides

WITRA®		Similar DIN/ISO	Nennteilung Pitch	Innere Breite Inner width	Innen- glied- breite Inner link width	Rollen- Ø Roller- Ø	La- schen- höhe Plate height	Bruch- kraft DIN Breaking load DIN	Mitnehmer-Maße Attachment dimensions									
No.	Ind.	No.	mm	inch	mm	mm	mm	N	m	D _L	G	I	F	H	I _F	H _F	s	
			p		b ₁ min.	b ₂ max.	d ₁ max.	g max.	F _B min.									
WT 06	¹	06 B-1	9,525	3/8	5,72	8,53	6,35	8,2	9 000	18,2	3,20	9,525	9,8	13,2	5,7	9,2	12,6	1,25
WT 08		08 B-1	12,7	1/2	7,75	11,30	8,51	11,8	18 000	23,2	4,50	12,7	13,1	19,0	10,0	14,7	20,3	1,50
WT 10		10 B-1	15,875	5/8	9,65	13,28	10,16	14,7	22 400	28,5	5,50	15,9	16,7	27,0	10,0	17,2	26,7	1,70
WT 12		12 B-1	19,05	3/4	11,68	15,62	12,07	16,1	29 000	33,6	6,60	19,1	18,6	29,0	11,0	18,7	29,0	1,80
WT 16		16 B-1	25,4	1	17,02	25,40	15,88	21,0	60 000	46,5	9,00	25,4	28,9	42,0	18,0	28,6	41,5	3,00
WT 20		20 B-1	31,75	1/4	19,56	29,00	19,05	26,4	95 000	55,7	9,00	31,75	33,4	50,0	18,0	30,5	45,7	3,75
WT 24		24 B-1	38,1	1/2	25,40	37,90	25,40	33,4	160 000	77,0	11,00	38,1	44,0	63,0	25,0	41,0	60,0	5,00

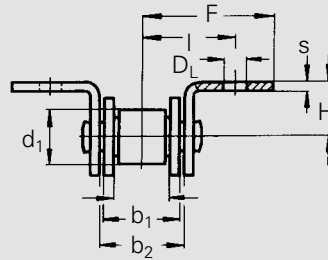
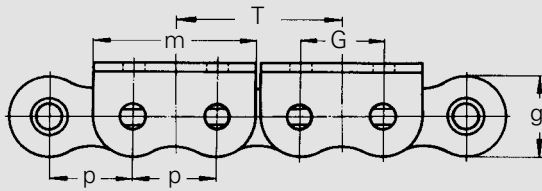
¹ nur mit geraden Laschen / ¹ with straight side plates only

Rollenketten „rostfrei“ mit breiten Winkel- und Flachlaschen

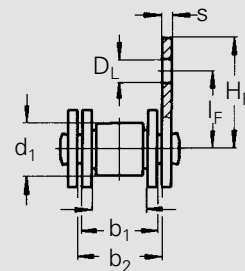
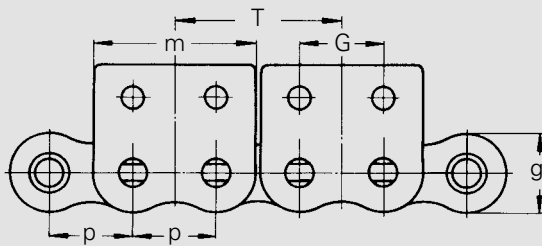
Roller chains „stainless steel“ with two hole bent and straight attachments



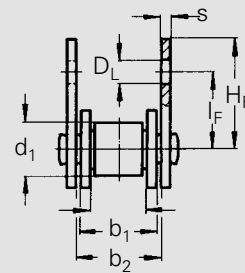
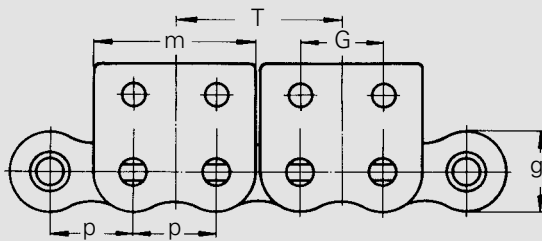
A2
einseitige Winkelaschen
bent attachments,
one side



B2
zweiseitige Winkelaschen
bent attachments,
both side



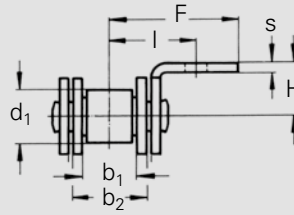
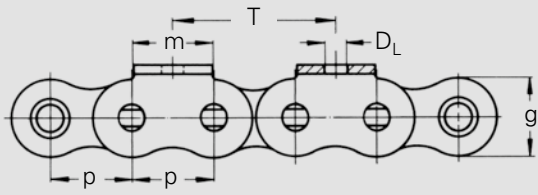
D2
einseitige Flachlaschen
straight attachments,
one side



E2
zweiseitige Flachlaschen
straight attachments,
both sides

WITRA [®]		Similar DIN/ISO	Nennteilung		Innere Breite	Innen- glied- breite	Rollen- Ø	La- schen- höhe	Bruch- kraft DIN	Mitnehmer-Maße								
			Pitch		Inner width	Inner link width	Roller- Ø	Plate height	Breaking load DIN	Attachment dimensions								
			p		b ₁ min.	b ₂ max.	d ₁ max.	g max.	F _B min.	m	D _L	G	I	F	H	I _F	H _F	s
No.	Ind.	No.	mm	inch	mm	mm	mm	mm	N	mm	mm	mm	mm	mm	mm	mm	mm	mm
WT 06 SS	¹	06B-1	9,525	3/8	5,72	8,53	6,35	8,2	7 000	18,2	3,22	9,525	9,8	13,2	5,7	9,2	12,6	1,25
WT 08 SS		08B-1	12,7	1/2	7,75	11,30	8,51	11,8	12 000	23,2	4,50	12,7	13,1	19,0	10,0	14,7	20,3	1,60
WT 10 SS		10B-1	15,875	5/8	9,65	13,28	10,16	14,7	14 500	28,5	5,50	15,9	16,7	27,0	10,0	17,2	26,7	1,70
WT 12 SS		12B-1	19,05	3/4	11,68	15,62	12,07	16,1	18 500	33,6	6,60	19,1	18,5	29,0	11,0	18,7	29,0	1,80
WT 16 SS		16B-1	25,4	1	17,02	25,40	15,88	21,0	40 000	46,5	10,00	25,4	28,9	41,8	18,0	28,6	41,5	3,00

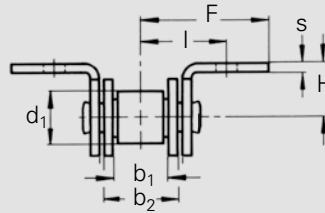
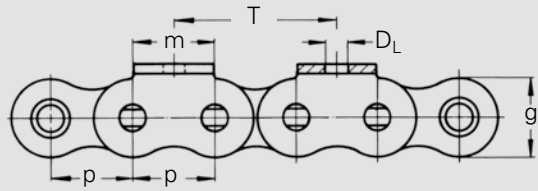
¹ nur mit geraden Laschen / ¹ with straight side plates only



A

einseitige Winkellaschen

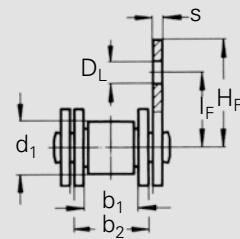
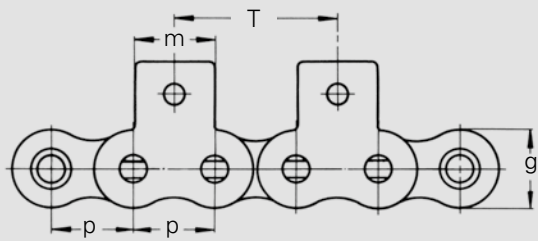
bent attachments,
one side



B

zweiseitige Winkellaschen

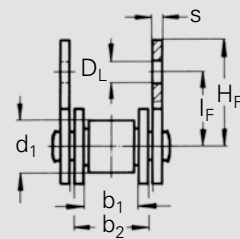
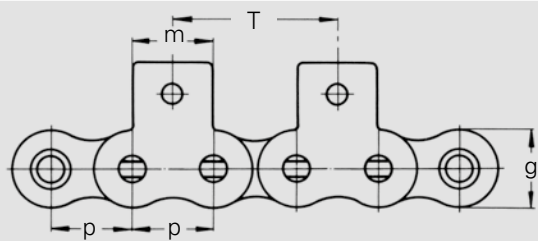
bent attachments,
both side



D

einseitige Flachlaschen

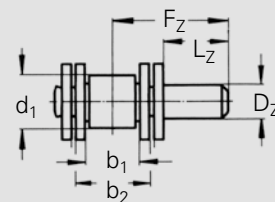
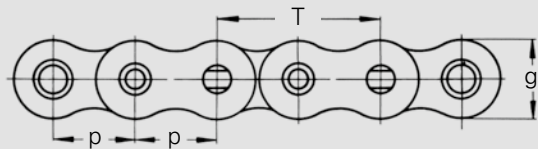
straight attachments,
one side



E

zweiseitige Flachlaschen

straight attachments,
both sides



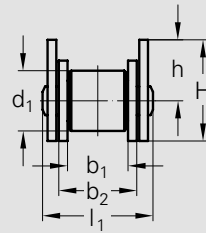
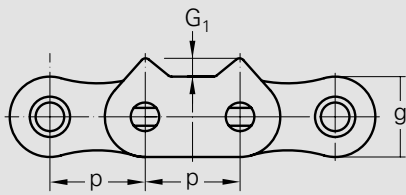
F

**einseitige Mitnehmerbolzen
(auch versetzt wechselseitig möglich)**

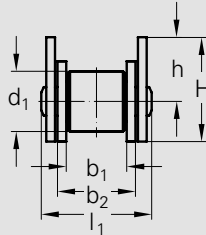
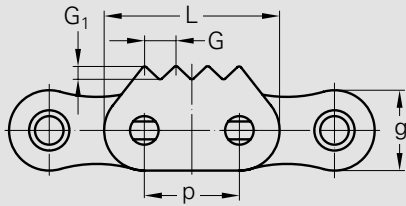
extended pins, available
on alternate sides

WITRA®		Similar DIN/ISO	Teilung		Innere Breite		Innen- glied- breite		Rollen- Ø		La- schen- höhe		Mitnehmer-Maße							
No.	Ind.		Pitch		Inner width	Inner link width	Roller- Ø	Plate height	Attachment dimensions											
		p		b ₁ min.	b ₂ max.	d ₁ max.	g max.	m	D _L	l	F	H	l _F	H _F	s	D _Z h9	L _Z	F _Z		
WT 05 SS		05 B-1	8	-	3,00	4,77	5,00	7,1	8,0	3,20	6,6	12,0	5,0	7,5	13,0	0,80	4,0	10	13,3	
WT 06 SS	¹	06 B-1	9,525	3/8	5,72	8,53	6,35	8,2	8,0	3,50	9,5	13,5	6,5	9,0	13,4	1,25	5,0	15	20,7	
WT 08 SS		08 B-1	12,7	1/2	7,75	11,30	8,51	11,8	12,5	4,50	13,1	19,0	10,0	14,7	20,3	1,60	6,0	15	22,4	
WT 10 SS		10 B-1	15,875	5/8	9,65	13,28	10,16	14,7	15,0	5,50	16,7	27,0	10,0	17,2	26,7	1,70	6,5	20	28,5	
WT 12 SS		12 B-1	19,05	3/4	11,68	15,62	12,07	16,1	18,5	6,60	18,5	29,0	11,0	18,7	29,0	1,80	7,0	20	29,8	
WT 16 SS		16 B-1	25,4	1	17,02	25,40	15,88	21,0	25,0	10,00	28,9	41,5	18,0	41,8	28,6	3,00	10,0	30	45,9	

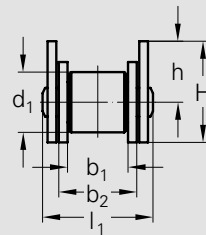
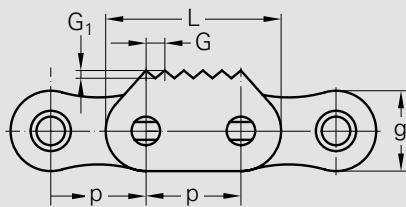
¹ nur mit geraden Laschen / ¹ with straight side plates only



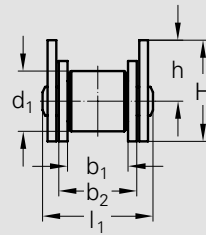
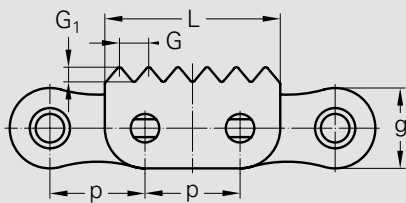
Profil 1
Profile 1



Profil 2
Profile 2



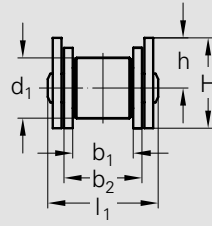
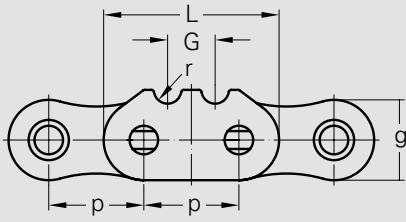
Profil 3
Profile 3



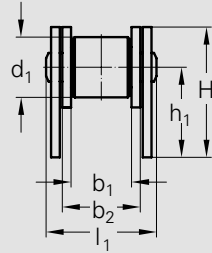
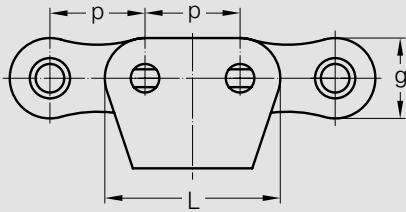
Profil 4
Profile 4

WITRA [®]	Teilung		Innere Breite	Innengliedbreite	Rollen-Ø	Lasschenhöhe	Maß über Bolzen	Mitnehmer-Maße					Profil	Gewicht	Verbindungsglieder
	Pitch							Attachment dimensions							
	p	b ₁ min.	b ₂ max.	d ₁ max.	g max.	l ₁ max.	G	G ₁	H	h	L	q	Type		
No.	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg/m		
16B1-1170	25,40	1	17,02	25,40	15,88	21,00	36,10	4,23	4,00	26,50	16,00	46,00	2	2,94	A, S
16B1-1185	25,40	1	17,02	25,40	15,88	21,00	36,10	4,00	4,00	26,50	16,00	46,00	4	3,03	A, S
16B1-1186	25,40	1	17,02	25,40	15,88	21,00	36,10	4,00	4,00	26,50	16,00	46,00	4*	3,23	A, S
20B1-1350	31,75	1 ¼	19,56	29,00	19,05	26,40	43,20	-	6,50	33,00	19,80	-	1	4,07	A, S
20B1-1310	31,75	1 ¼	19,56	29,00	19,05	26,40	43,20	6,35	3,20	33,00	19,80	-	3	4,17	A, S
24B1-4STC	38,10	1 ½	25,40	37,90	25,40	33,40	53,40	13,00	5,60	35,00	18,30	70,40	2	7,19	A, S

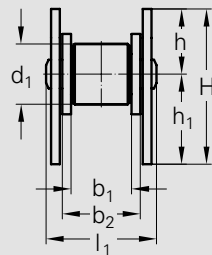
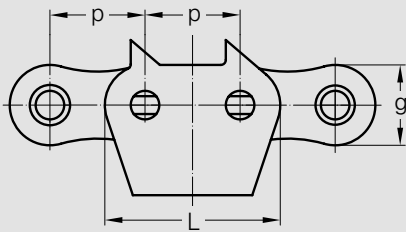
* Verzahnung an Innen- und Außenlascen / * Gearing on inner and outer plates



Profil 5
Profile 5



Profil 6
Profile 6



Profil 7
Profile 7

WITRA®	Teilung		Innere Breite	Innengliedbreite	Rollen-Ø	Lasschenhöhe	Maß über Bolzen	Mitnehmer-Maße						Profil	Gewicht	Verbindungs-glieder
	Pitch							Inner width	Inner link width	Roller-Ø	Plate height	Width over pin	Attachment dimensions			
	p		b ₁ min.	b ₂ max.	d ₁ max.	g max.	l ₁ max.						L	G	r	H
16B1-1180	25,4	1	17,02	25,40	15,88	21,00	36,10	46,00	12,00	3,50	22,50	12,20	-	5	2,84	A, S
32B1-1872	50,8	2	30,99	45,50	29,21	42,20	67,40	92,80	-	-	64,00	-	43,00	6	11,83	A, S
32B1-1874	50,8	2	30,99	45,50	29,21	42,20	67,40	92,80	-	-	73,00	30,00	43,00	7	12,27	A, S

General information

A chain drive needs relatively little maintenance, if the correct chain was selected, if it was installed correctly and if it is lubricated according to the recommended procedure.

However, the chain should be protected against dirt and adverse environmental influences. A chain protection box helps to prevent dirt, averts accidents and absorbs noise.

In case of protected drives maintenance comprises a regular (annual) cleaning of the oil container and a renewal of the oil filling.

Open running chain drives must be cleaned every 3 to 6 months.

Shorter periods may be necessary, if the chains are very dirty. When cleaning the chain drives, wheel alignment and chain tension should be checked as well.

Cleaning

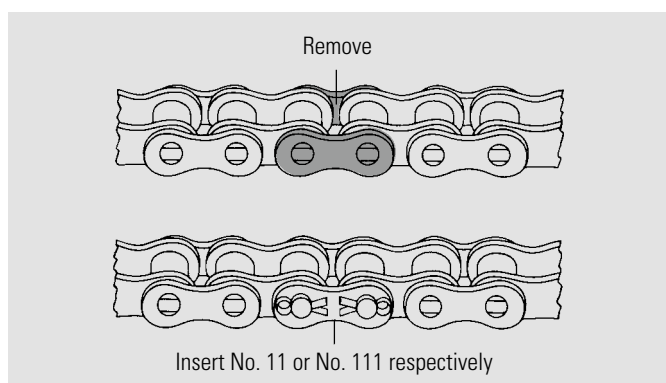
First of all, in order to clean a chain drive properly, the external rough dirt must be removed by means of a hard or steel brush. Subsequently, the chain is rinsed in cleaning solvent, paraffin or diesel oil. Furthermore, it is important to clean the inner parts of the chain. Therefore the chain is placed into paraffin, diesel oil or another solvent for approximately 24 hours in order to soak the dirt in the joints as well as the hardened lubrication remnants.

If the chain is moved several times back and forth in the solvent bath, joints will be thoroughly cleaned.

After the chain has been properly cleaned it should not make anymore scratching noises when the links are moved; if it does, the remaining dirt in the joints will form a grinding compound with the lubricating agent, which would destroy the chain very quickly.

Repair

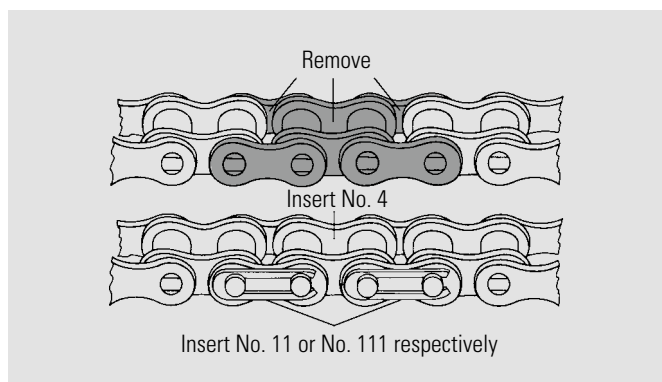
Subsequently the chain should be carefully examined for defective links, which must be replaced, if necessary.



A damaged outer link is replaced with a connecting link. Outer links are riveted into endless chains.

If an inner link or a roller is broken, the two adjoining links must also be removed; they must then be replaced by an inner link with two connecting links.

With endless chains outer links are to be used. However, if a chain looks really worn, it should be replaced by a new one.



Relubrication

Thorough relubrication is to be carried out immediately after cleaning and, if necessary, repair of the chain. It is important to ensure that quality and viscosity of the lubricant comply with the operating conditions of the chain drive, e.g. temperature and velocity. It is not recommended to add just a few drops from the oil can or simply douse the chain, since the oil will not reach the chain links, i.e. those parts which actually have to be lubricated. Even if the inner and outer plates are oiled, this will by no means guarantee a proper lubrication of the inner parts such as pins and bushings.

For perfect lubrication the chain is placed into a container with liquidised special chain lubricant heated up to 120° C. The chain is left in the lubricant bath until it has reached its temperature, before it is then taken out. Excess lubricant must be allowed to drip off since it will not aid the lubrication of the chains links if it sticks to the outer plates.

However, in practice, such perfect lubrication will rarely be possible. In this case an excellent engine lubricating oil should be used. Please ensure that the lubricant will actually reach the links, which are to be lubricated.

Sprockets

The sprocket teeth must be thoroughly cleaned before the chain is finally put back on.

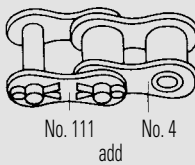
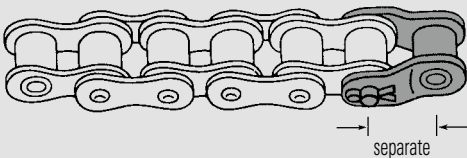
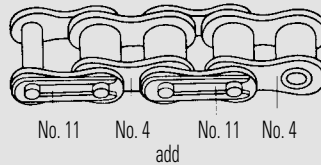
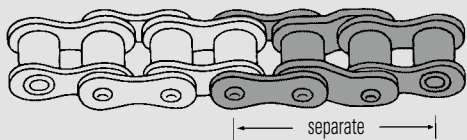
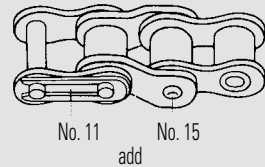
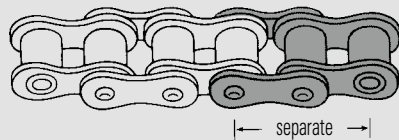
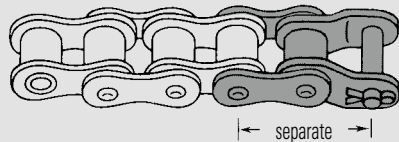
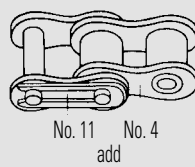
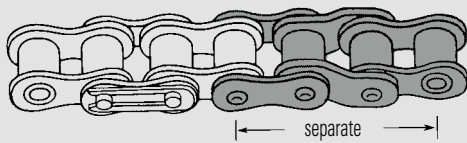
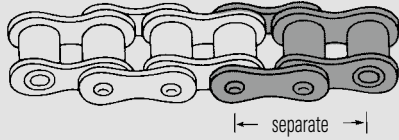
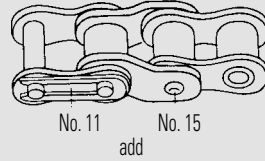
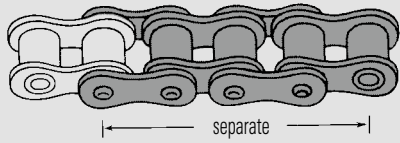


It is particularly important to remove dirt sediments, which would stretch the chain, from the bottom of the tooth gaps. Subsequently, the sprocket must be examined in order to determine, if the teeth are worn too much.

In case of excessive wear or hooked-shaped teeth, sprockets should be replaced with new ones.

It is not recommended to simply turn a worn sprocket around so that it works in reverse running direction. New sprockets are to be checked.

Please note that a new chain should never be placed around a worn sprocket, because this will definitely reduce the lifecycle of the chain.



Shortening by 1 link

a) Even number of links

up to a pitch of 19,05 mm

Pitch as of 25,4 mm

b) Odd number of links

up to a pitch of 19,05 mm

Pitch as of 25,4 mm

Extending by 1 link

a) Even number of links

up to a pitch of 19,05 mm

Pitch as of 25,4 mm

b) Odd number of links

up to a pitch of 19,05 mm

Pitch as of 25,4 mm

Please note: When cranked links are used, roller chains may only have 80 % of the tensile strength.

Folgende Kettentypen sind ab Lager lieferbar:

- Rollenketten nach DIN
- Langgliedrige Rollenketten nach DIN
- Rollenketten nach ASA
- Langgliedrige Rollenketten nach ASA
- Rollenketten nach ASA verstärkt
- Rollenketten mit geraden Laschen
- Rollenketten aus rostfreiem Stahl
- Rollenketten in vernickelter Ausführung
- Flyerketten LL-Serie
- Flyerketten BL-Serie
- Rollenketten mit Mitnehmerlaschen
- Hohlbolzenketten
- Rollenketten mit U-Bügeln
- Rollenketten mit Elastomer-Profilen
- Förderketten für die Holzindustrie & Anbauteile

The following chain types are available in stock:

- Roller chains according to DIN
- Double pitch chains according to DIN
- Roller chains according to ASA
- Double pitch chains according to ASA
- Roller chains according to ASA (reinforced)
- Roller chains with straight side plates
- Roller chains made of stainless steel
- Nickel-plated roller chains
- Leaf chains type series LL
- Leaf chains type series BL
- Roller chains with attachment side plates
- Hollow Pin chain
- Roller chains with U-Type attachments
- Roller chains with Elastomer-Profiles
- Lumber conveyor chain & attachments

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