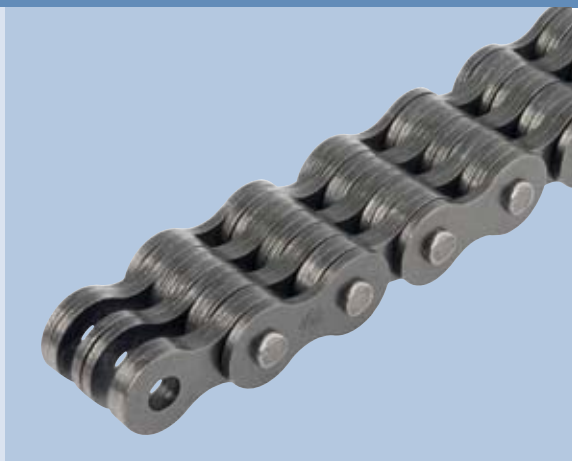
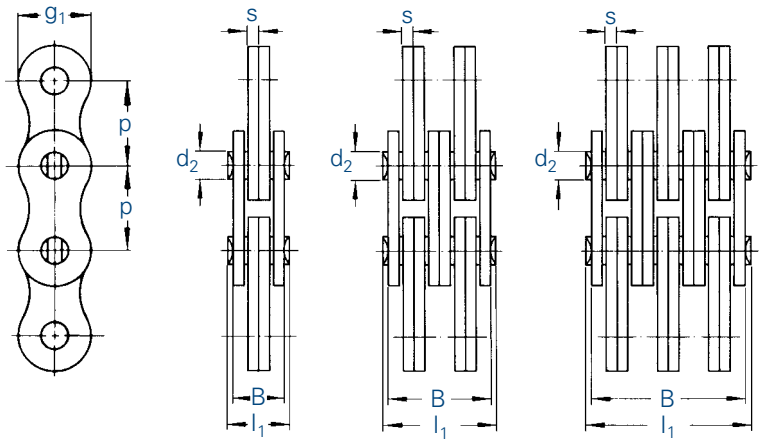




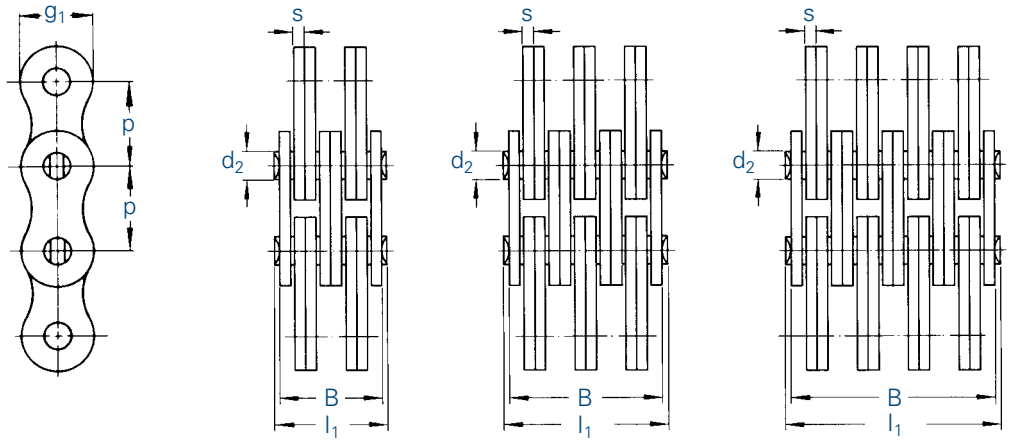
Abstract from DIN 8152

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

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

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

For ordering examples, end links and end pins see page 53.



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

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

For ordering examples, end links and end pins see page 53. For information on the selection of chain sizes see pages 99 + 100.

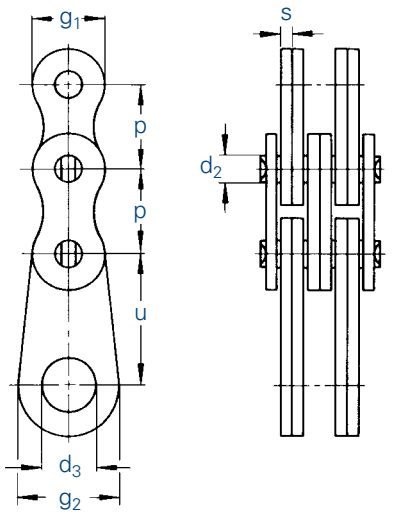
LEAF CHAINS HEAVY DUTY DESIGN U TO WORKS-STANDARD

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

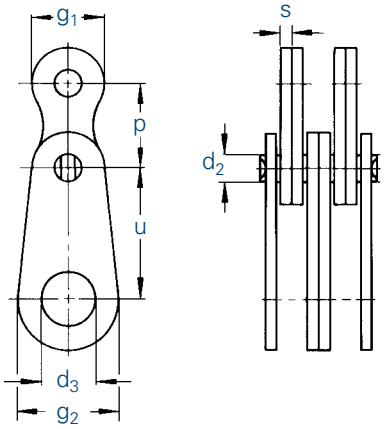
Chain		Nominal pitch		Lacing	Width over		Pin Ø	Plate		Effective length over 100 x pitch*	Bearing area	Minimum tensile strength	Weight
					Pins	Plates		thickness	height				
		p			l_1 max.	B max.	d_2 max.	s	g_1 max.		f ≈	F_B min.	q ≈
No.	Ind.	mm	inch		mm	mm	mm	mm	mm	mm	cm^2	kN	kg/m
F 384 U		38,1	1 1/2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

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

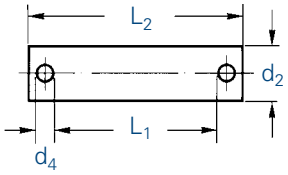
Inner end link
4 x 4



Outer end link
4 x 4



Connecting pin



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

Design of chain ends:

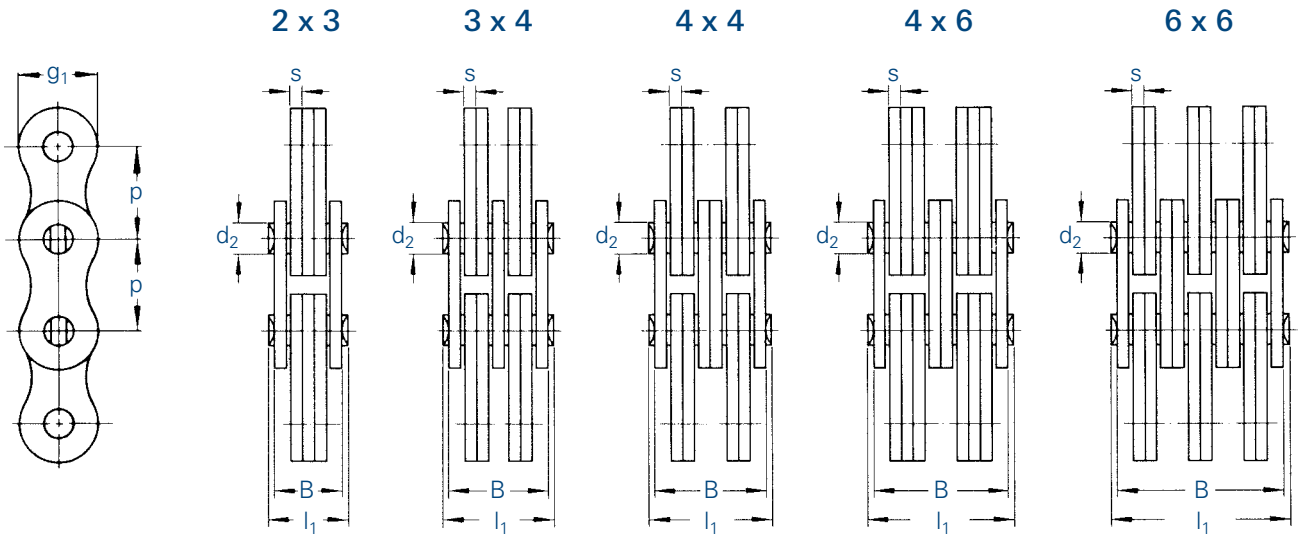
Only the normal links are counted

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

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

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

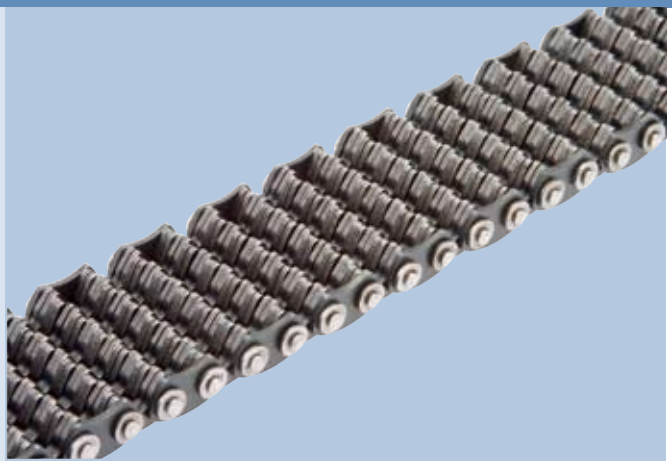
Other dimensions on request.

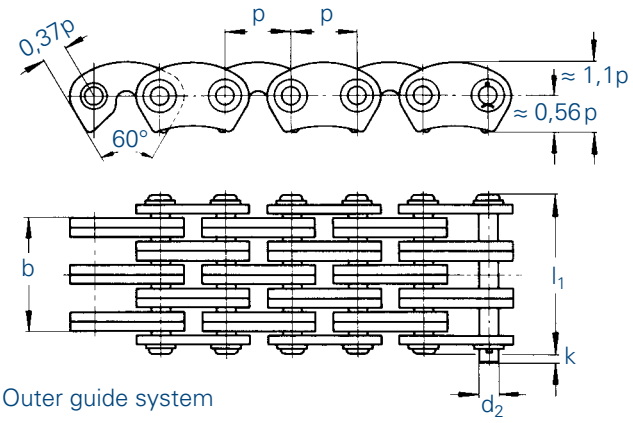


Chain		DIN	Nominal pitch		Lacing	Width over		Pin Ø	Plate		Effective length over 100 x pitch*	Bearing area	Minimum tensile strength DIN	Weight
						Pins	Plates		thickness	height				
			p			l_1 max.	B max.	d_2 max.	s	g_1 max.		f ≈	F_B min.	q ≈
No.	Ind.	No.	mm	inch		mm	mm	mm	mm	mm	mm	cm^2	kN	kg/m
BL 523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

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

For a pre-selection of leaf chains see page 99 + 100.





Outer guide system

Chain		Pitch	Lacing	Working width	Overall width	Pin Ø	Projection over connecting link	Bearing area	Minimum tensile strength	Weight
		p		b	l_1	d_2	k	f	F_B min.	q ≈
No.	Ind.	mm		mm	mm	mm	mm	cm^2	kN	kg/m
1110		10,0	1 x 2	9,6	17,6	3,15	1,6	0,20	11,0	0,64
1112		10,0	2 x 3	16,0	24,1	3,15	1,6	0,29	17,0	0,93
1114		10,0	4 x 5	28,9	37,1	3,15	1,6	0,49	28,0	1,56
1115		10,0	5 x 6	35,2	43,4	3,15	1,6	0,59	34,0	1,88

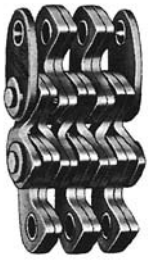
Inverted tooth chain sprockets on request.

When ordered by length in metres, the chain will contain the next higher even number of links with a connecting pin. When ordered by number of links, the chain will be supplied with an uneven number of links and include a single cranked link riveted into the chain as well as a connecting pin.

Connecting links (end links)**:**

No. 10

Connecting pin

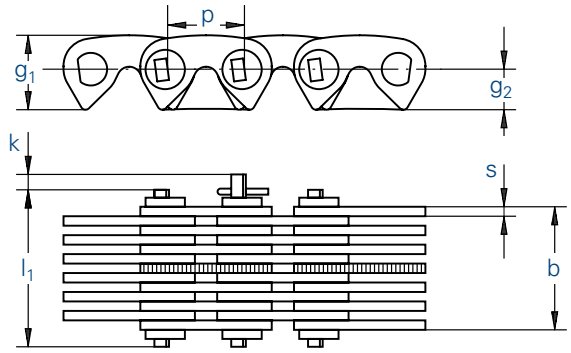


No. 52

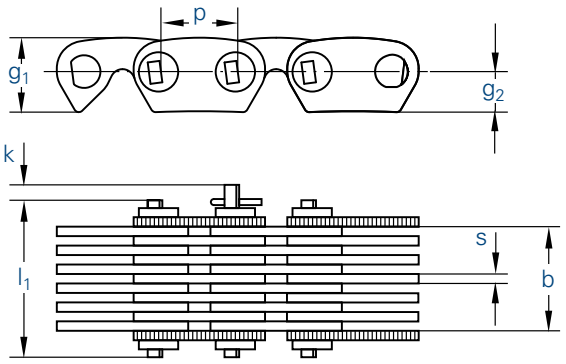
Cranked three-joint connecting link

No. 53

Straight two-joint connecting link



Inner guide system (J)



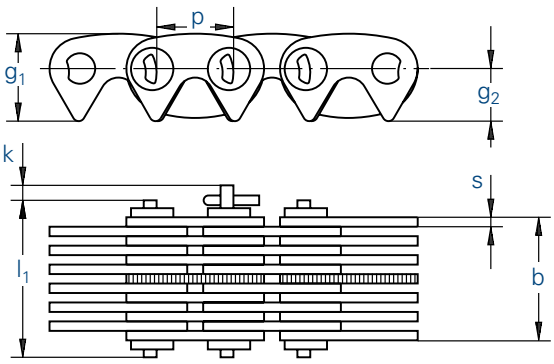
Outer guide system (A)

Chain		Pitch	Working width	Overall width	Plate height		Plate thickness	Projection over connecting link	Number of rows*	Minimum tensile strength	Measuring force	Weight
		p	b min.	l_1 max.	g_1 max.	g_2	s	k	RZ	F_B min.		q ≈
No.	Ind.	mm	mm	mm	mm	mm	mm	mm		kN	mm	kg/m
06-015A		9,525	12,5	20,0	9,2	5,2	1,50	2,0	10,0	14,5	14,5	0,64
06-020A		9,525	18,8	26,0	9,2	5,2	1,50	2,0	14,0	21,0	21,0	0,86
06-025J		9,525	26,5	31,0	9,2	5,2	1,50	2,0	17,0	27,4	27,4	0,94
06-030J		9,525	33,0	37,0	9,2	5,2	1,50	2,0	21,0	34,0	34,0	1,16
06-035J		9,525	39,0	44,0	9,2	5,2	1,50	2,0	25,0	40,0	40,0	1,39
08-015A		12,7	12,5	22,0	12,3	6,7	1,50	2,5	10,0	18,5	18,5	0,83
08-020A		12,7	19,0	27,5	12,3	6,7	1,50	2,5	14,0	26,5	26,5	1,12
08-025J		12,7	26,5	33,0	12,3	6,7	1,50	2,5	17,0	34,6	34,6	1,39
08-030J		12,7	33,0	39,0	12,3	6,7	1,50	2,5	21,0	43,0	43,0	1,54
08-035J		12,7	39,0	45,0	12,3	6,7	1,50	2,5	25,0	51,0	51,0	1,84
08-050J		12,7	51,5	58,0	12,3	6,7	1,50	2,5	33,0	67,5	67,5	2,42
08-065J		12,7	64,2	69,8	12,3	6,7	1,50	2,5	41,0	83,0	83,0	3,02
10-025J		15,875	27,0	33,0	15,4	8,4	2,00	3,0	13,0	46,0	46,0	1,68
10-035J		15,875	35,5	41,5	15,4	8,4	2,00	3,0	17,0	61,0	61,0	2,31
10-040J		15,875	43,7	49,5	15,4	8,4	2,00	3,0	21,0	75,5	75,5	2,75
10-050J		15,875	52,0	58,0	15,4	8,4	2,00	3,0	25,0	89,0	89,0	3,35
10-065J		15,875	69,0	74,5	15,4	8,4	2,00	3,0	33,0	117,5	117,5	4,30
12-035J		19,05	35,5	43,0	18,4	10,0	2,00	3,5	17,0	73,5	73,5	2,66
12-040J		19,05	44,0	51,0	18,4	10,0	2,00	3,5	21,0	91,0	91,0	3,22
12-050J		19,05	52,0	59,0	18,4	10,0	2,00	3,5	25,0	108,0	108,0	3,95
12-065J		19,05	68,5	76,0	18,4	10,0	2,00	3,5	33,0	142,0	142,0	5,15
12-075J		19,05	77,0	84,0	18,4	10,0	2,00	3,5	37,0	160,0	160,0	6,20
16-050J		25,4	53,0	61,0	25,0	13,1	3,00	4,0	17,0	127,0	127,0	5,60
16-065J		25,4	65,0	73,0	25,0	13,1	3,00	4,0	21,0	157,0	157,0	6,80
16-075J		25,4	77,5	85,5	25,0	13,1	3,00	4,0	25,0	187,0	187,0	8,20
16-100J		25,4	103,0	111,0	25,0	13,1	3,00	4,0	33,0	245,0	245,0	10,70
16-125J		25,4	127,0	135,0	25,0	13,1	3,00	4,0	41,0	304,0	304,0	12,70
24-065J		38,1	65,5	77,5	37,0	20,1	3,00	6,0	21,0	257,0	257,0	10,30
24-075J		38,1	78,0	90,0	37,0	20,1	3,00	6,0	25,0	306,0	306,0	11,60
24-100J		38,1	103,0	115,0	37,0	20,1	3,00	6,0	33,0	403,0	403,0	16,20
24-125J		38,1	127,5	139,5	37,0	20,1	3,00	6,0	41,0	500,0	500,0	20,10
24-150J		38,1	153,0	165,0	37,0	20,1	3,00	6,0	49,0	600,0	600,0	23,60
32-100J		50,8	104,0	117,0	49,2	26,8	4,00	7,0	25,0	490,0	490,0	22,40
32-115J		50,8	120,0	133,0	49,2	26,8	4,00	7,0	29,0	570,0	570,0	25,60
32-135J		50,8	138,0	151,0	49,2	26,8	4,00	7,0	33,0	650,0	650,0	28,30
32-150J		50,8	153,0	166,0	49,2	26,8	4,00	7,0	37,0	725,0	725,0	32,60
32-180J		50,8	186,0	199,0	49,2	26,8	4,00	7,0	45,0	880,0	880,0	38,20

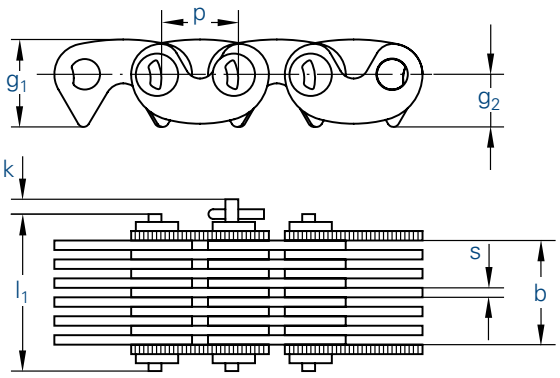
* Plates on one pivot pin

Inverted tooth chain sprockets on request.

When ordered by length in metres, the chain will contain the next higher even number of links with a connecting pin. When ordered by number of links, the chain will be supplied with an uneven number of links and include a single cranked link riveted into the chain as well as a connecting pin.



Inner guide system (J)



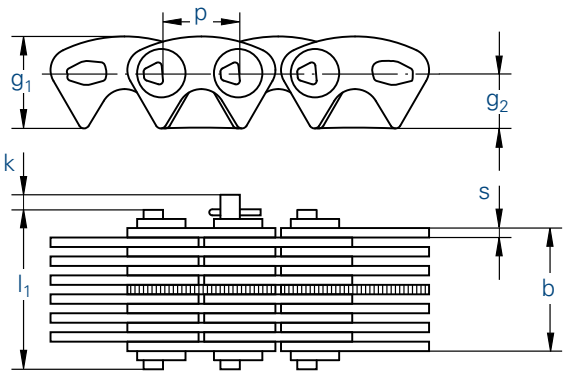
Outer guide system (A)

Chain		Pitch	Working width	Overall width	Plate height		Plate thickness	Projection over connecting link	Number of rows*	Minimum tensile strength	Measuring force	Weight
		p	b min.	l_1 max.	g_1 max.	g_2	s	k	RZ	F_B min.		q ≈
No.	Ind.	mm	mm	mm	mm	mm	mm	mm		kN	mm	kg/m
HD 06-015A		9,525	12,5	19,9	10,9	6,7	1,50	2,0	10,0	14,5	14,5	0,90
HD 06-020A		9,525	17,2	24,5	10,9	6,7	1,50	2,0	13,0	17,7	17,7	1,10
HD 06-025J		9,525	26,6	30,8	10,9	6,7	1,50	2,0	17,0	27,4	27,4	1,40
HD 06-030J		9,525	32,9	37,1	10,9	6,7	1,50	2,0	21,0	33,9	33,9	1,70
HD 06-040J		9,525	39,1	43,3	10,9	6,7	1,50	2,0	25,0	40,3	40,3	2,00
HD 06-050J		9,525	51,6	55,8	10,9	6,7	1,50	2,0	33,0	53,2	53,2	2,60
HD 06-065J		9,525	64,2	68,4	10,9	6,7	1,50	2,0	41,0	66,2	66,2	3,30
HD 08-015A		12,7	12,5	21,3	14,5	8,7	1,50	2,5	10,0	20,2	20,2	1,10
HD 08-020A		12,7	17,2	25,9	14,5	8,7	1,50	2,5	13,0	24,7	24,7	1,40
HD 08-025J		12,7	26,6	32,2	14,5	8,7	1,50	2,5	17,0	38,2	38,2	1,80
HD 08-030J		12,7	32,9	38,5	14,5	8,7	1,50	2,5	21,0	47,3	47,3	2,20
HD 08-040J		12,7	39,1	44,7	14,5	8,7	1,50	2,5	25,0	56,3	56,3	2,60
HD 08-050J		12,7	51,6	57,2	14,5	8,7	1,50	2,5	33,0	74,3	74,3	3,40
HD 08-065J		12,7	64,2	69,8	14,5	8,7	1,50	2,5	41,0	92,3	92,3	4,30
HD 08-075J		12,7	76,7	82,3	14,5	8,7	1,50	2,5	49,0	110,3	110,3	5,10
HP 08-100J		12,7	101,7	107,3	14,5	8,7	1,50	2,5	65,0	146,4	146,4	6,70
HD 12-030A		19,05	27,0	38,2	21,0	10,7	2,00	3,5	15,0	59,6	59,6	3,30
HD 12-035J		19,05	35,4	42,4	21,0	10,7	2,00	3,5	17,0	78,0	78,0	3,70
HD 12-040J		19,05	43,7	50,7	21,0	10,7	2,00	3,5	21,0	96,3	96,3	4,50
HD 12-050J		19,05	52,0	59,0	21,0	10,7	2,00	3,5	25,0	114,7	114,7	5,40
HD 12-065J		19,05	68,6	75,6	21,0	10,7	2,00	3,5	33,0	151,4	151,4	7,10
HD 12-085J		19,05	85,3	92,3	21,0	10,7	2,00	3,5	41,0	188,1	188,1	8,90
HD 12-100J		19,05	101,9	108,9	21,0	10,7	2,00	3,5	49,0	224,9	224,9	10,60
HD 12-125J		19,05	126,9	133,9	21,0	10,7	2,00	3,5	61,0	279,9	279,9	13,20
HD 12-150J		19,05	151,8	158,8	21,0	10,7	2,00	3,5	73,0	335,0	335,0	15,80
HD 12-200J		19,05	201,8	208,8	21,0	10,7	2,00	3,5	97,0	445,2	445,2	20,90
HD 16-040J		25,4	40,2	48,2	27,7	14,0	3,00	6,0	13,0	112,1	112,1	5,60
HD 16-050J		25,4	52,6	60,6	27,7	14,0	3,00	6,0	17,0	146,6	146,6	7,30
HD 16-065J		25,4	65,0	73,0	27,7	14,0	3,00	6,0	21,0	181,1	181,1	9,00
HD 16-075J		25,4	77,4	85,4	27,7	14,0	3,00	6,0	25,0	215,6	215,6	10,70
HD 16-100J		25,4	102,1	110,1	27,7	14,0	3,00	6,0	33,0	284,7	284,7	14,10
HD 16-125J		25,4	126,9	134,9	27,7	14,0	3,00	6,0	41,0	353,7	353,7	17,50
HD 16-150J		25,4	151,7	159,7	27,7	14,0	3,00	6,0	49,0	422,7	422,7	21,00
HD 16-200J		25,4	201,2	209,2	27,7	14,0	3,00	6,0	65,0	560,7	560,7	27,80

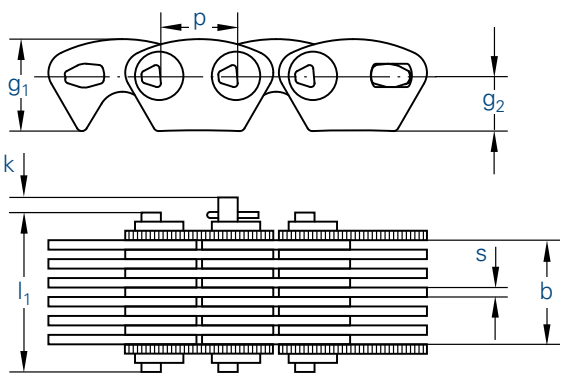
* Plates on one pivot pin

Inverted tooth chain sprockets on request.

When ordered by length in metres, the chain will contain the next higher even number of links with a connecting pin. For this type of inverted tooth chain no cranked links are available.



Inner guide system (J)



Outer guide system (A)

Chain		Pitch	Working width	Overall width	Plate height		Plate thickness	Projection over connecting link	Number of rows*	Minimum tensile strength	Measuring force	Weight
		p	b min.	l_1 max.	g_1 max.	g_2	s	k	RZ	F_B min.		q ≈
No.	Ind.	mm	mm	mm	mm	mm	mm	mm		kN	mm	kg/m
HP 06-015A		9,525	12,5	19,9	11,3	6,8	1,50	2,0	10,0	25,4	25,4	1,00
HP 06-020A		9,525	17,2	24,5	11,3	6,8	1,50	2,0	13,0	30,1	30,1	1,20
HP 06-025J		9,525	26,6	30,8	11,3	6,8	1,50	2,0	17,0	39,3	39,3	1,50
HP 06-030J		9,525	32,9	37,1	11,3	6,8	1,50	2,0	21,0	48,6	48,6	1,80
HP 06-040J		9,525	39,1	43,3	11,3	6,8	1,50	2,0	25,0	57,9	57,9	2,20
HP 06-050J		9,525	51,6	55,8	11,3	6,8	1,50	2,0	33,0	76,4	76,4	2,90
HP 06-065J		9,525	64,2	68,4	11,3	6,8	1,50	2,0	41,0	94,9	94,9	3,60
HP 08-015A		12,7	12,5	21,7	15,2	9,0	1,50	2,5	10,0	27,9	27,9	1,20
HP 08-020A		12,7	17,2	26,3	15,2	9,0	1,50	2,5	13,0	34,1	34,1	1,60
HP 08-025J		12,7	26,6	32,6	15,2	9,0	1,50	2,5	17,0	52,7	52,7	2,00
HP 08-030J		12,7	32,9	38,9	15,2	9,0	1,50	2,5	21,0	65,1	65,1	2,40
HP 08-040J		12,7	39,1	45,1	15,2	9,0	1,50	2,5	25,0	77,5	77,5	2,90
HP 08-050J		12,7	51,6	57,6	15,2	9,0	1,50	2,5	33,0	102,3	102,3	3,80
HP 08-065J		12,7	64,2	70,2	15,2	9,0	1,50	2,5	41,0	127,2	127,2	4,70
HP 08-075J		12,7	76,7	82,7	15,2	9,0	1,50	2,5	49,0	152,0	152,0	5,60
HP 08-100J		12,7	101,7	107,7	15,2	9,0	1,50	2,5	65,0	201,6	201,6	7,50
HP 08-125J		12,7	126,8	132,8	15,2	9,0	1,50	2,5	81,0	251,3	251,3	9,30
HP 08-150J		12,7	151,8	157,8	15,2	9,0	1,50	2,5	97,0	300,9	300,9	11,10
HP 12-020J		19,05	18,7	25,7	22,5	13,5	2,00	3,5	9,0	55,4	55,4	2,10
HP 12-025J		19,05	27,0	34,0	22,5	13,5	2,00	3,5	13,0	80,1	80,1	3,00
HP 12-030J		19,05	31,2	38,2	22,5	13,5	2,00	3,5	15,0	80,1	80,1	3,60
HP 12-035J		19,05	35,4	42,4	22,5	13,5	2,00	3,5	17,0	104,7	104,7	3,90
HP 12-040J		19,05	43,7	50,7	22,5	13,5	2,00	3,5	21,0	129,4	129,4	4,90
HP 12-050J		19,05	52,0	59,0	22,5	13,5	2,00	3,5	25,0	154,0	154,0	5,80
HP 12-065J		19,05	68,6	75,6	22,5	13,5	2,00	3,5	33,0	203,3	203,3	7,60
HP 12-085J		19,05	85,3	92,3	22,5	13,5	2,00	3,5	41,0	252,6	252,6	9,50
HP 12-100J		19,05	101,9	108,9	22,5	13,5	2,00	3,5	49,0	301,9	301,9	11,40
HP 12-125J		19,05	126,9	133,9	22,5	13,5	2,00	3,5	61,0	375,9	375,9	14,10
HP 12-150J		19,05	151,8	158,8	22,5	13,5	2,00	3,5	73,0	449,8	449,8	16,90
HP 12-200J		19,05	201,8	208,8	22,5	13,5	2,00	3,5	97,0	597,7	597,7	22,50
HP 16-040J		25,4	40,4	52,4	45,0	27,0	3,00	6,0	13,0	232,0	232,0	9,00
HP 16-050J		25,4	52,8	64,8	45,0	27,0	3,00	6,0	17,0	303,4	303,4	11,80
HP 16-065J		25,4	65,2	77,2	45,0	27,0	3,00	6,0	21,0	374,8	374,8	14,60
HP 16-075J		25,4	77,6	89,6	45,0	27,0	3,00	6,0	25,0	446,2	446,2	17,40
HP 16-100J		25,4	102,5	114,5	45,0	27,0	3,00	6,0	33,0	589,0	589,0	22,90
HP 16-125J		25,4	127,3	139,3	45,0	27,0	3,00	6,0	41,0	731,8	731,8	28,50
HP 16-150J		25,4	152,1	164,1	45,0	27,0	3,00	6,0	49,0	874,6	874,6	34,10
HP 16-200J		25,4	201,8	213,8	45,0	27,0	3,00	6,0	65,0	1160,2	1160,2	45,20

* Plates on one pivot pin

Inverted tooth chain sprockets on request.

When ordered by length in metres, the chain will contain the next higher even number of links with a connecting pin. For this type of inverted tooth chain no cranked links are available.

On the following pages, we will only be able to give you a brief overview of the types of chains we can supply since conveyor chains are mostly chains designed for individual applications.

Please send us an enquiry, if you have any queries concerning your specific application.

1. **Sprockets for all chains made of steel, cast steel and cast iron, also in split versions and with welded-on segments.**

2. **Special chains for process engineering equipment of all kind; also made of stainless and heat resistant steel grades.**

3. **Draw bench chains**
   - according to DIN 8156 and DIN 8157

4. **Conveyor chains / Deep link conveyor chains / Accumulation conveyor chains**
   - according to DIN 8165 full pin chains and hollow pin chains / type FV
   - according to DIN 8167 full pin chains / type M
   - according to DIN 8168 hollow pin chains / type MC
   - Made to specifications for all applications

5. **Moving staircase chains**
   - according to works-standard and customers' specifications

6. **Plate chains for steel plate apron conveyor chains**
   - according to DIN 8175

7. **Plate chains for funiculars**
   - according to DIN 8176 and DIN Berg 2251

8. **Inverted tooth chains according to DIN 8190**
   - Inverted tooth chains for high speed drives
   - Inverted tooth chains made to specifications / Inverted tooth chains for transport

9. **Inverted tooth chain sprockets**
   - according to customers' specifications

10. **Sliding rails**

11. **Cranked link chains**

12. **Galle chains and sprockets**
    - according to DIN 8150

13. **ATC magazine chains and sprockets**

We will be happy to assist you with all your problems concerning drives and conveyance!