

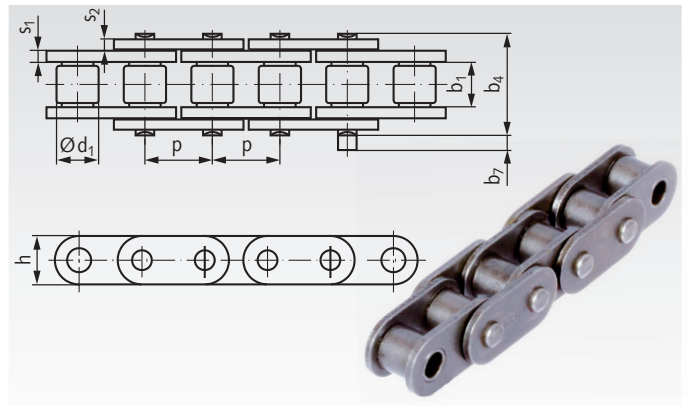
Single-Strand Roller Chains, similar to DIN ISO 606, Stainless Steel, with Straight Plates

Material: Stainless steel 1.4301 (AISI 304).



Simplex roller chains with good chemical resistance.

Main dimensions according to DIN ISO 606. With straight link plates, to use as conveyor chain or drive chain. Due to the material properties, the stated transmittable power and breaking load are below the value for the standard chains. The application should use no more than one sixth of the breaking load stated. Pre-stretched. Not lubricated. The chains must be lubricated according to the type of application. Chains are supplied with an uneven number of links, with inner links at both ends. Connecting links have to be ordered separately.



Ordering Details: e.g.:

Product No. 101 990 00, Roller chain, stainless, 06 B-1, with straight plates or

Product No. 105 990 00GL, Roller chain, stainless, 08 B-1-GL, with straight plates

DIN ISO-No.	Product No. Stainless	Pitch x Inner Width p x b _{1min}				Plate Height h max.	Plate Thickness s ₁ /s ₂ max.	Roller- Ø d ₁	Pin Ø	Width over Pin b ₄	Projection over link b ₇ ¹⁾	Breaking Load min. kN	Weight
		mm		mm	inch	mm	mm	mm	mm	mm	mm		kg/m
06 B-1	101 990 00*	9,525	x	5,72	3/8 x 7/32	8,26	1,405	6,35	3,28	13,5	3,3	6,2	0,41
08 B-1-GL	105 990 00GL	12,7	x	7,75	1/2 x 5/16	11,8	1,60	8,51	4,45	16,7	1,5	12,0	0,80
10 B-1-GL	106 990 00GL	15,875	x	9,65	5/8 x 3/8	14,7	1,70	10,16	5,08	19,5	2,4	14,5	1,06
12 B-1-GL	107 990 00GL	19,05	x	11,68	3/4 x 7/16	16,0	1,85	12,07	5,72	22,5	2,7	18,5	1,32
16 B-1-GL	108 990 00GL	25,4	x	17,02	1" x 17,02mm	21,0	4,15/3,1	15,88	8,28	36,1	3,0	40,0	3,08
20 B-1-GL	109 990 00GL	31,75	x	19,56	1 1/4 x 3/4	26,4	4,50/3,5	19,05	10,19	43,2	3,7	63,0	4,16

¹⁾ Maximum value at the connecting link.

* Standard chain with straight plates.

Attention please: Packing Unit 5m

If special lengths are needed, please tell us the length and the number of links (uneven number!). Connecting links have to be ordered separately.

Connecting Links for Single-Strand Roller Chains similar to DIN ISO 606, Stainless Steel, with Straight Plates

Materials: Stainless steel 1.4301 (AISI 304).

Ordering Details: e.g.: Product No. 105 990 03GL, Connecting Link No.11/E, stainless, 08 B-1-GL with straight plates



No. 11/E: Connecting Link with Spring Clip



No. 12/L: Cranked Link with Cottered Pin



No. 4/B: Inner Link

DIN ISO No.	Product No. Connect. Link No. 11/E	Weight g	Product No. Cranked No. 12/L ¹⁾	Weight g	Product No. Inner Link No. 4/B	Weight g
06 B-1	101 990 03	4	101 990 04	4	101 990 01	4
08 B-1-GL	105 990 03GL	10	105 990 04	9	105 990 01GL	10
10 B-1-GL	106 990 03GL	17	106 990 04	15	106 990 01GL	18
12 B-1-GL	107 990 03GL	23	107 990 04	24	107 990 01GL	28
16 B-1-GL	108 990 03GL ²⁾	72	108 990 04	80	108 990 01GL	83
20 B-1-GL	109 990 03GL ²⁾	126	109 990 04	145	109 990 01GL	141

¹⁾ With cranked links power and breaking loads are reduced by 20%.

²⁾ With cottered pin.