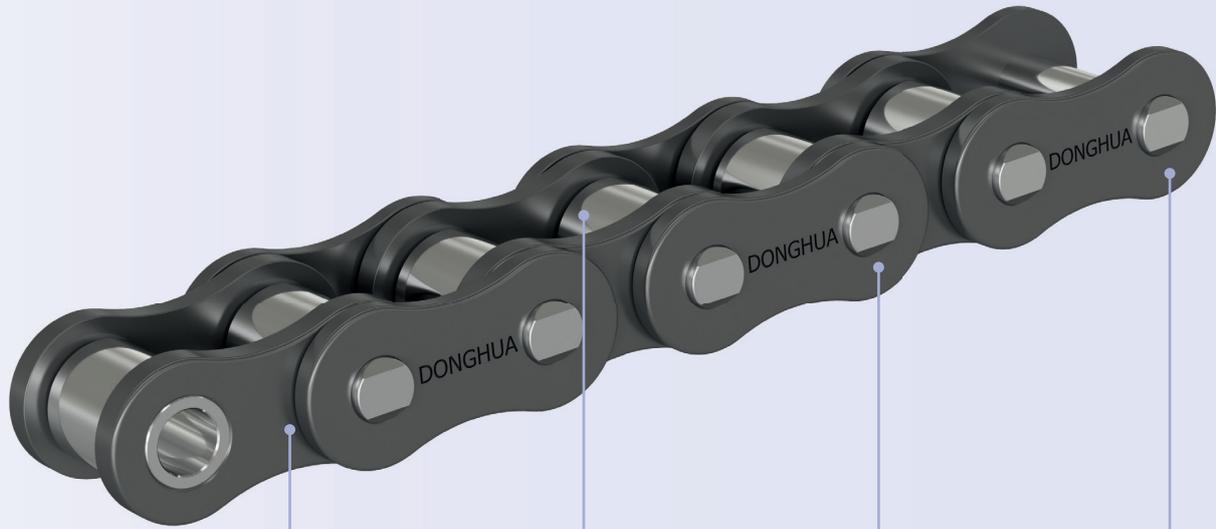


Standard range

The high quality Standard



High tensile strength

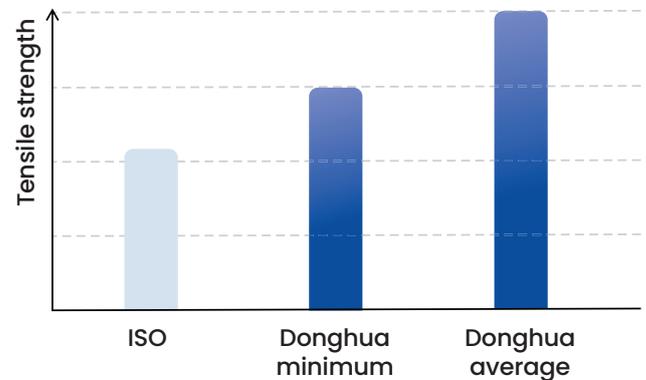
Seamless roller

Consistent high quality

British Standard and ANSI

Standard Chains (BS & ANSI)

Donghua Standard Chains (BS & ANSI) are engineered and produced with consistent high quality. They are used in a wide range of power transmission applications, delivering exceptional performance. These chains are built to withstand tough conditions, offering excellent wear and fatigue resistance, along with a high breaking load capacity.

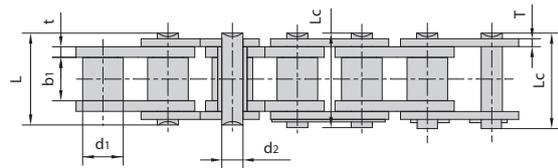
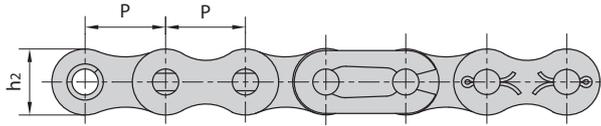


Technical highlights

- Seamless roller
- Curled bush up to 1 1/4
- Seamless bush from 1 1/2
- Offers higher tensile strength than ISO/DIN requirements
- Consistent high quality
- Available in British Standard, ANSI, and Worksnorm
- Chains are pre-loaded at 40 to 50% of the breaking load
- Standard pre-lubricated with DH-1 (temp range -5 to 80 °C)
- Alternative lubricants available for special applications upon request

Alternative

- Longer lifetime: EXL, CP, X3
- High strength, Heavy duty series: H, HV, HTX, SP, HSP, UHSP
- Maintenance free: SLR, NEXUS, SS Dry Tec, O-ring, X-ring chain
- Corrosion resistance: ZP, NP, ZT
- Stainless steel: SS300, SS+400, SS600 Series



Donghua Chain no.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Inner plate depth	Plate thickness	Tensile strength			Weight per meter	
								Acc. to ISO	Acc. to Donghua			
								F min	F min	F Average		
P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	F min	F min	F Average	q	
mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kN	kg/m	
BS-Simplex												
04B-1	6,000	4,00	2,80	1,85	6,80	7,80	5,00	0,60	3,00	3,00	3,20	0,11
05B-1	8,000	5,00	3,00	2,31	8,20	8,90	7,10	0,80	5,00	5,30	5,90	0,20
#06B-1	9,525	6,35	5,72	3,28	13,15	14,10	8,20	1,30	9,00	9,40	10,40	0,41
08B-1	12,700	8,51	7,75	4,45	16,70	18,20	11,80	1,60	18,00	18,00	19,40	0,69
10B-1	15,875	10,16	9,65	5,08	19,50	20,90	14,70	1,70	22,40	24,80	27,50	0,93
12B-1	19,050	12,07	11,68	5,72	22,50	24,20	16,00	1,85	29,00	29,00	32,20	1,15
16B-1	25,400	15,88	17,02	8,28	36,10	37,40	21,00	4,15/3,1	60,00	69,40	77,10	2,71
20B-1	31,750	19,05	19,56	10,19	41,30	45,00	26,40	4,5/3,5	95,00	101,50	112,80	3,70
24B-1	38,100	25,40	25,40	14,63	53,40	57,80	33,20	6,0/4,8	160,00	160,20	178,00	7,10
28B-1	44,450	27,94	30,99	15,90	65,10	69,50	36,70	7,5/6,0	200,00	212,80	236,40	8,50
32B-1	50,800	29,21	30,99	17,81	66,00	71,00	42,00	7,0/6,0	250,00	250,00	277,50	10,25
40B-1	63,500	39,37	38,10	22,89	82,20	89,20	52,96	8,50/8,0	355,00	355,00	394,00	16,35
48B-1	76,200	48,26	45,72	29,24	99,10	107,00	63,80	12,00/10,0	560,00	560,00	621,60	25,00
56B-1	88,900	53,98	53,34	34,32	114,60	123,00	77,80	13,50/12,0	850,00	850,00	940,00	35,78
64B-1	101,600	63,50	60,96	39,40	130,00	138,50	90,17	15,00/13,0	1132,00	1132,00	1.240,00	46,00
72B-1	114,300	72,39	68,59	44,48	147,40	156,40	103,60	17,00/15,0	1.400,00	1.400,00	1.550,00	60,80
ANSI-Simplex												
*25-1	6,350	3,30	3,18	2,31	7,90	8,40	6,00	0,80	3,50	4,50	5,00	0,15
*35-1	9,525	5,08	4,77	3,58	12,40	13,17	9,00	1,30	7,90	10,20	11,30	0,33
41-1	12,700	7,77	6,25	3,58	13,75	15,00	9,91	1,30	6,67	11,30	12,60	0,41
40-1	12,700	7,95	7,85	3,96	16,60	17,80	12,00	1,50	14,10	16,70	18,60	0,62
50-1	15,870	10,16	9,40	5,08	20,70	22,20	15,09	2,03	22,20	28,20	31,30	1,02
60-1	19,050	11,91	12,57	5,94	25,90	27,70	18,00	2,42	31,80	38,90	43,20	1,50
80-1	25,400	15,88	15,75	7,92	32,70	35,00	24,00	3,25	56,70	66,90	74,30	2,60
100-1	31,750	19,05	18,90	9,53	40,40	44,70	30,00	4,00	88,50	96,80	107,60	3,91
120-1	38,100	22,23	25,22	11,10	50,30	54,30	35,70	4,80	127,00	146,80	163,10	5,62
140-1	44,450	25,40	25,22	12,70	54,40	59,00	41,00	5,60	172,40	200,30	222,50	7,50
160-1	50,800	28,58	31,55	14,27	64,80	69,60	47,80	6,40	226,80	240,20	266,90	10,10
180-1	57,150	35,71	35,48	17,46	72,80	78,60	53,60	7,20	280,20	325,00	361,10	13,45
200-1	63,500	39,68	37,85	19,85	87,20	87,20	60,00	8,00	353,50	420,10	466,80	16,15
240-1	76,200	47,63	47,35	23,81	103,00	103,00	72,00	9,50	510,30	604,40	671,60	23,20

*Bush chain: d1 in the table indicates the external diameter of the bush

#Straight side plates



A Outer Link



B Inner Link



C Double Offset Link



E Connecting Link Spring



L Single Offset Link



S Connecting Link Cotter

Notes

- Duplex & Triplex chains are available in all sizes
- Double pitch conveyor chains are available on request
- Attachment and extended pins are available on request
- Chains with straight side plates are available
- Different sizes are available on request

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