

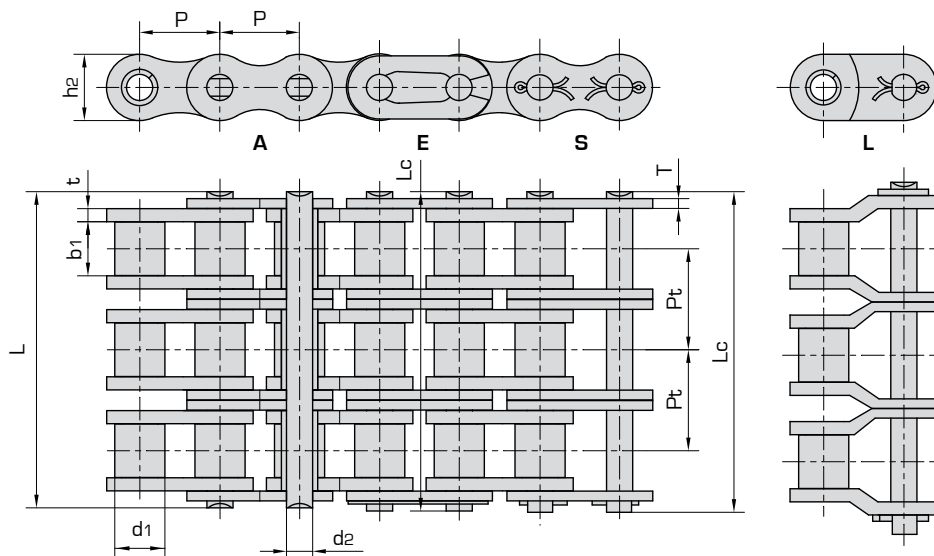
Short pitch precision roller chains (B series)

Nickel Plated

Triplex roller chains

Part nr.	DIN/ISO 606 Chain no.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Inner plate depth	Plate thickness	Transverse pitch	
		P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt
		mm	mm	mm	mm	mm	mm	mm	mm	mm
10005B-3NP	05B-3NP	8,000	5,00	3,00	2,31	19,5	20,2	7,10	0,80	5,64
10006B-3NP	*06B-3NP	9,525	6,35	5,72	3,28	33,5	34,6	8,20	1,30	10,24
10008B-3NP	08B-3NP	12,700	8,51	7,75	4,45	45,1	46,1	11,80	1,60	13,92
10010B-3NP	10B-3NP	15,875	10,16	9,65	5,08	52,7	54,1	14,70	1,70	16,59
10012B-3NP	12B-3NP	19,050	12,07	11,68	5,72	61,5	63,1	16,00	1,85	19,46
10016B-3NP	16B-3NP	25,400	15,88	17,02	8,28	99,8	101,2	21,00	4,15/3,1	31,88
10020B-3NP	20B-3NP	31,750	19,05	19,56	10,19	114,2	117,9	26,40	4,50/3,5	36,45
10024B-3NP	24B-3NP	38,100	25,40	25,40	14,63	150,1	154,6	33,20	6,00/4,8	48,36
10028B-3NP	28B-3NP	44,450	27,94	30,99	15,90	184,2	188,7	36,70	7,50/6,0	59,56
10032B-3NP	32B-3NP	50,800	29,21	30,99	17,81	183,2	188,2	42,00	7,00/6,0	58,55
10040B-3NP	40B-3NP	63,500	39,37	38,10	22,89	226,8	233,8	52,96	8,50/8,0	72,29
10048B-3NP	48B-3NP	76,200	48,26	45,72	29,24	281,6	289,4	63,80	12,00/10,0	91,21
10056B-3NP	56B-3NP	88,900	53,98	53,34	34,32	327,8	336,2	77,80	13,50/12,0	106,6
10064B-3NP	64B-3NP	101,600	63,50	60,96	39,40	369,8	378,3	90,17	15,00/13,0	119,89
10072B-3NP	72B-3NP	114,300	72,39	68,58	44,48	420,0	429,0	103,60	17,00/15,0	136,27

* Straight side plates



Ultimate tensile strength	Average tensile strength	Weight per meter	Available chain parts				
Q min	Q0	q	E	S	L	C	A
kN/lbf	kN	kg/m					
11,1/2523	13,8	0,48	X		X	X	X
24,9/5659	30,1	1,16	X		X	X	X
47,5/10795	57,8	2,03	X	X	X	X	X
66,7/15159	84,5	2,77	X	X	X	X	X
86,7/19705	101,8	3,46	X	X	X	X	X
160,0/36364	227,1	8,13	X	X	X	X	X
250,0/56818	334,3	10,82		X	X		X
425,0/96591	493,0	20,10		X	X		X
530,0/120454	609,5	24,92		X	X		X
670,0/152273	770,5	31,56		X	X		X
950,0/215909	1092,5	48,10		X	X		X
1500,0/340909	1710,0	75,00		X	X		X
2240,0/545450	2464,0	107,18		X	X		X
3000,0/681820	3300,0	136,00		X	X		X
3750,0/852270	4125,0	180,00		X	X		X



Solution Range



Donghua Nickel Plated Roller Chains are developed to offer good wear and corrosion resistance. For special applications we deliver Chemical Nickel Plating on request. All Donghua roller chains are: Pre-loaded, Fatigue resistant, Wear resistant and Pre-lubricated. Donghua simplex, duplex and triplex roller chains are manufactured according to ISO 606 DIN8187, standard pre-loaded, pre-lubricated, do have seamless rollers and are marked with production batch code number for complete traceability. All Donghua roller chains are sealed in plastic bags and packed in cardboard boxes with clear ISO 606 DIN descriptions and safety instructions. Standard packaging size is 5 meter box, reels are available on request. Cut to length service is available on request. Several test certificates like breaking load, length tolerance and material analyses are possible and available on request. Rollers chains which are needed for 'run as pairs' applications can be matched as pairs on request. DIN, 1/2DIN and 1/3DIN length tolerance are possible, please ask us for a quotation. For high temperature, low temperature, food application or special environments different kind of special lubricants are available. Please ask our sales team for any special needs. For drive chain calculation and right dimension check, please contact our engineering department, also see drive chain calculation data sheet on page 301. By filling this data sheet and sending this to our engineering department you will receive a detailed drive chain calculation including life time expectation. Sprockets are available for all roller chains, with pilot bore, fixed bore, keyway, setscrew or bearing bore with grooves. Standard toothing, hardened toothing or special toothing are possible with pilot bore, fixed bore or taper bush. Chain tools, tensioners and chain lubricants please see page 302-310.