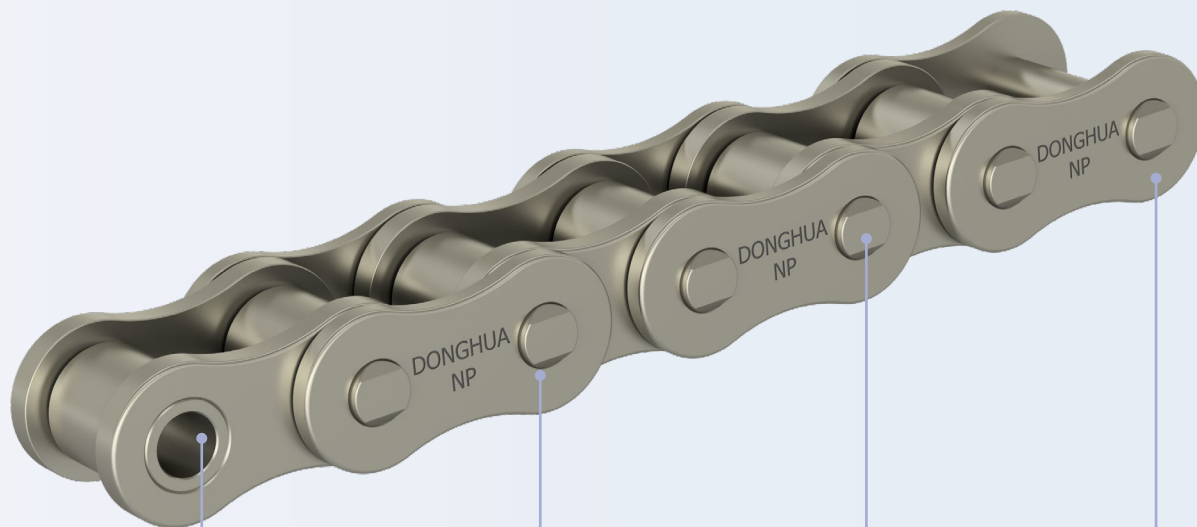


NP (Nickel-Plated)

Applications requiring good corrosion resistance



Pre-lubricated

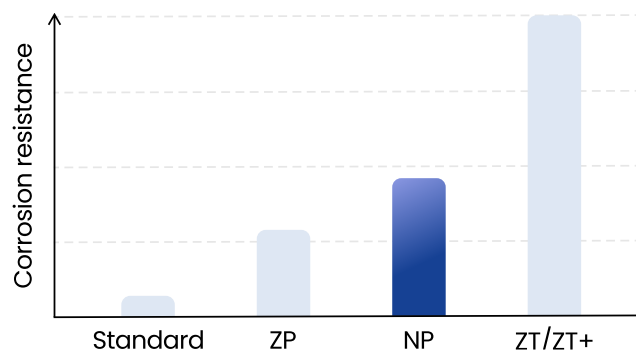
Plated before
assembly

Nickel plated

Good corrosion
protection

NP (Nickel-Plated)

Nickel-plated chains are a good and cost-effective choice for applications requiring good corrosion resistance. The nickel layer protects the underlying steel from oxygen and moisture preventing corrosion. This makes NP chains ideal for equipment where protection against moisture is essential. Overall, Nickel plated chains offer good protection against rust.

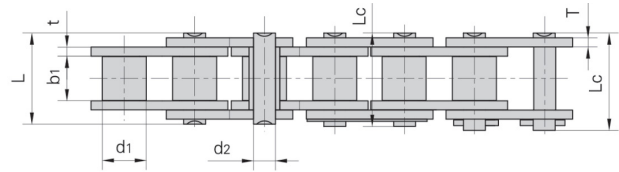
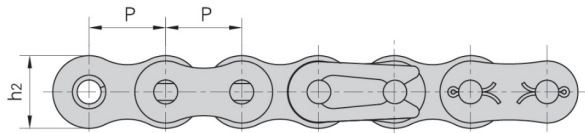


Technical highlights

- Corrosion resistant for up to 400 hours of saltspray test
- Tensile strength is approximately 85% of the standard carbon steel chain
- Standard pre-lubricated with DH-1 (temp range -5 to 80 °C)
- Alternative lubricants for special applications up on request
- Components are electro-galvanized before assembly
- Electro-plating has a residual risk of hydrogen embrittlement
- Good protection against a variety of acids and alkalis
- Free of hexavalent Chrome VI
- Chains are pre-loaded at 40 to 50% of the breaking load
- ZT chains are available for a higher corrosion resistance

Industries

- Food and beverage (non-contact)
- Packaging industry
- Outdoor equipment
- Wood processing industry
- Recycling
- Material handling



Donghua Chain no.	Pitch	Roller diameter	Width between inner plates		Pin diameter	Pin length		Inner plate depth	Plate thickness	Tensile strength	
										Acc. to ISO 606	Weight per meter
										F min	q
	P	d1 max	b1	min	d2 max	L max	Lc max	h2 max	t/T max	kN	kg/m
	mm	mm	mm		mm	mm	mm	mm	mm		
BS-Simplex											
05B-1 NP	8,000	5,00	3,00		2,31	8,20	8,90	7,10	0,80	5,00	0,20
#06B-1 NP	9,525	6,35	5,72		3,28	13,15	14,10	8,20	1,30	8,90	0,41
08B-1 NP	12,700	8,51	7,75		4,45	16,70	18,20	11,80	1,60	18,0	0,69
10B-1 NP	15,875	10,16	9,65		5,08	19,50	20,90	14,70	1,70	22,20	0,93
12B-1 NP	19,050	12,07	11,68		5,72	22,50	24,20	16,00	1,85	28,90	1,15
16B-1 NP	25,400	15,88	17,02		8,28	36,10	37,40	21,00	4,15/3,1	60,00	2,71
20B-1 NP	31,750	19,05	19,56		10,19	41,30	45,00	26,40	4,5/3,5	95,00	3,70
24B-1 NP	38,100	25,40	25,40		14,63	53,40	57,80	33,20	6,0/4,8	160,00	7,10
28B-1 NP	44,450	27,94	30,99		15,90	65,10	69,50	36,70	7,5/6,0	200,00	8,50
32B-1 NP	50,800	29,21	30,99		17,81	66,00	71,00	42,00	7,0/6,0	250,00	10,25
ANSI-Simplex											
*25-1 NP	6,350	3,30	3,18		2,31	7,90	8,40	6,00	0,80	3,50	0,15
*35-1 NP	9,525	5,08	4,77		3,58	12,40	13,17	9,00	1,30	7,90	0,33
41-1 NP	12,700	7,77	6,25		3,58	13,75	15,00	9,91	1,30	6,67	0,41
40-1 NP	12,700	7,95	7,85		3,96	16,60	17,80	12,00	1,50	14,10	0,62
50-1 NP	15,870	10,16	9,40		5,08	20,70	22,20	15,09	2,03	22,20	1,02
60-1 NP	19,050	11,91	12,57		5,94	25,90	27,70	18,00	2,42	31,80	1,50
80-1 NP	25,400	15,88	15,75		7,92	32,70	35,00	24,00	3,25	56,70	2,60
100-1 NP	31,750	19,05	18,90		9,53	40,40	44,70	30,00	4,00	88,50	3,91
120-1 NP	38,100	22,23	25,22		11,10	50,30	54,30	35,70	4,80	127,00	5,62
140-1 NP	44,450	25,40	25,22		12,70	54,40	59,00	41,00	5,60	172,40	7,50
160-1 NP	50,800	28,58	31,55		14,27	64,80	69,60	47,80	6,40	226,80	10,10

*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
- Chemical nickel plating is available upon request

Contact

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