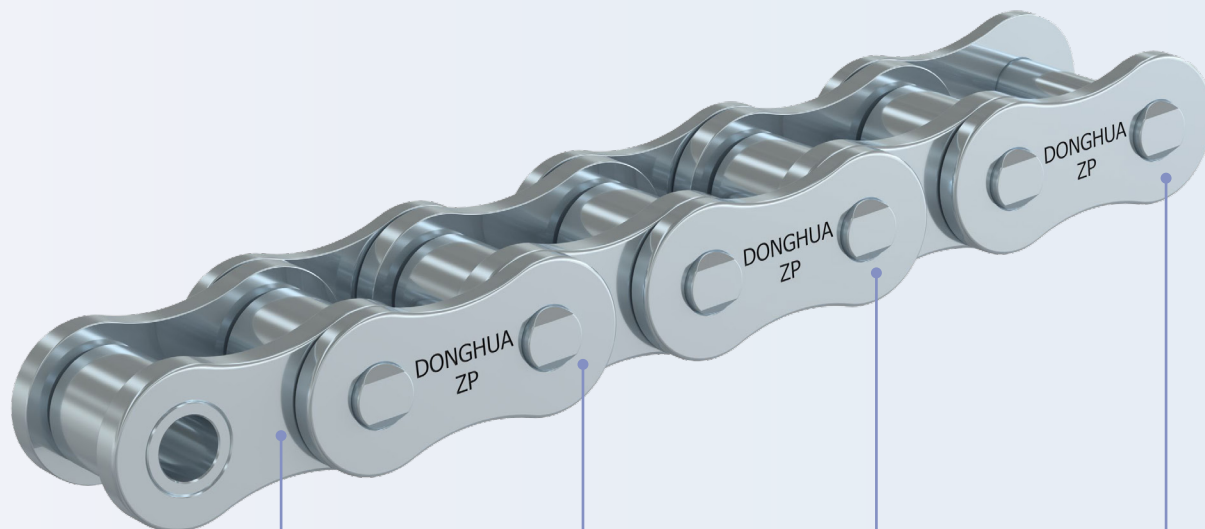


ZP (Zinc-Plated)

Applications requiring light corrosion resistance



Zinc plated

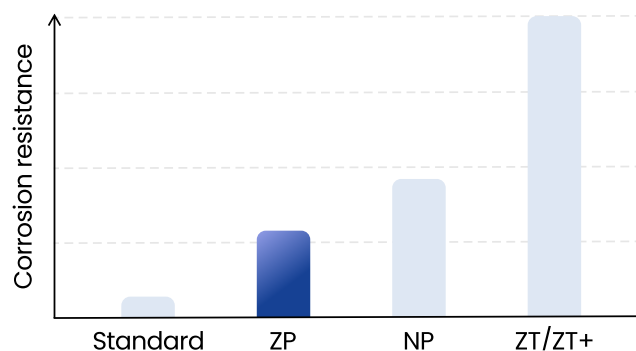
Galvanized
before assembly

Self-recovering
layer

Light Corrosion
resistance

ZP (Zinc-Plated)

Zinc-plated chains are a reliable and cost-effective choice for applications requiring light corrosion resistance. The zinc layer protects the underlying steel from oxygen and moisture preventing corrosion. This makes ZP chains ideal for equipment where basic protection against moisture is essential. Overall, Zinc-Plated chains offer an affordable and sustainable protection against rust. The chains are pre-tensioned.

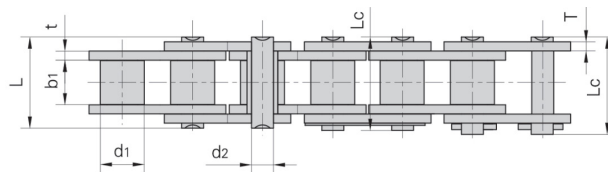
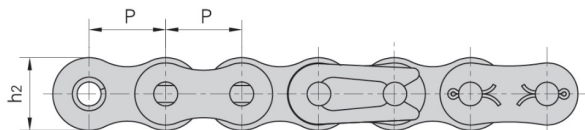


Technical highlights

- Corrosion resistant for up to 250 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-galvanization has a residual risk of hydrogen embrittlement
- Free of hexavalent Chrome VI
- Chains pre-tensioned at 40 to 50% of the breaking load
- NP or 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



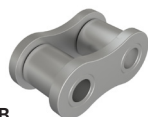
Donghua Chain no.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Tensile strength	Weight per meter
									Acc. to ISO 606	
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	F min	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN	kg/m
BS-Simplex										
05B-1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



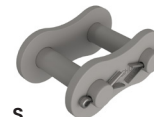
C
Double Offset Link



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

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