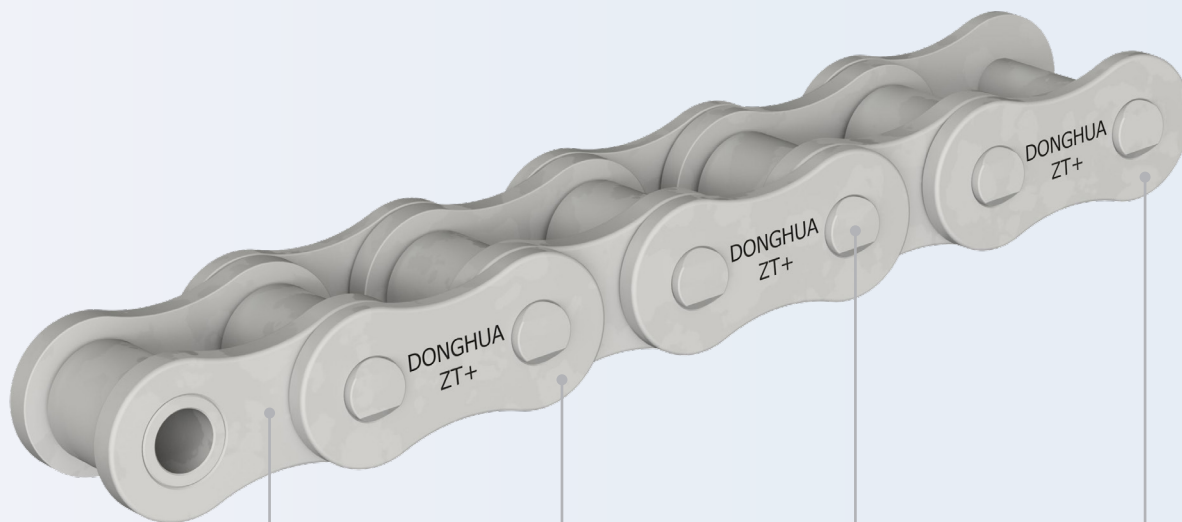


ZT+ (Zin-Tek)

High wear resistance with alu-zinc flake coating



Alu-zinc flakes coating

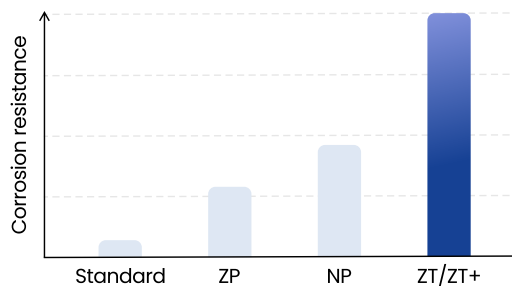
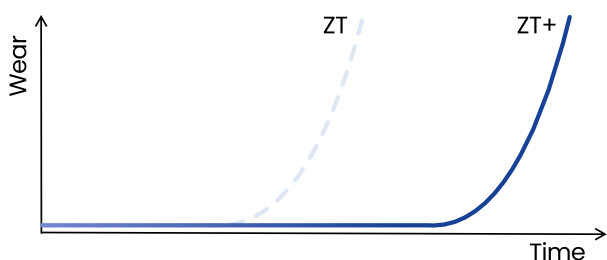
Shot peened parts

Chemical Nickel plated pins

Extreme long corrosion resisting

ZT+ (Zin-Tek)

ZT+ chains offer all the advantages of ZT chains, with added wear resistance provided by chemical nickel-plated pins featuring a surface hardness of ± 1000 HV. These chains are ideal for high-load applications, delivering superior durability and corrosion protection in the toughest conditions. ideal for demanding outdoor and industrial applications.

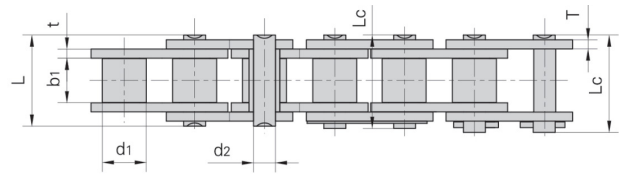
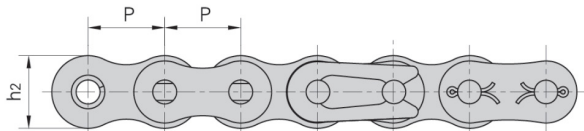


Technical highlights

- Corrosion resistance over 1000 hours salt spray test
- No reduction in maximum allowable working and breaking loads
- Low friction and high wear resistance due to chemical nickel-plated pins
- Superior resistance to wet and salt-damp environments
- Chemical resistance to a variety of acids and alkalis
- High cathodic corrosion protection without the risk of hydrogen embrittlement
- Free from hexavalent Chromium VI
- The new ZT will replace the previous DR coated chains
- Standard pre-lubrication with DH-1 (temperature range -5 to 80 °C)
- Self-recovering corrosion layer
- Alternative lubricants available for special applications upon request

Industries

- Food processing (no contact)
- Packaging industry
- Extreme outdoor applications
- Wood processing industry
- Recycling
- Fruit and vegetables sorting
- Canning
- Agriculture
- Dusty environments



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	Acc. to Donghua		
	P	d1 max	b1 min	d2 max	L max	Le max	h2 max	t/T max	F min	F min	F Average	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kN
BS-Simplex												
#06B-1 ZT+	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 ZT+	12,700	8,51	7,75	4,45	16,70	18,20	11,80	1,60	18,00	18,0	19,40	0,69
10B-1 ZT+	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 ZT+	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 ZT+	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 ZT+	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 ZT+	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 ZT+	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 ZT+	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 ZT+	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
28BZT	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
ANSI-Simplex												
40-1 ZT+	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 ZT+	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 ZT+	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 ZT+	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 ZT+	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 ZT+	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 ZT+	44,450	25,40	25,22	12,70	54,40	59,00	41,00	5,60	172,40	200,30	222,50	7,50

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

#Straight side plates



A
Outer Link



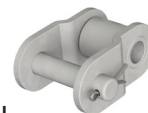
B
Inner Link



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

Contact

+31(0)72 820 0120

info@donghua.eu

www.donghua.eu

