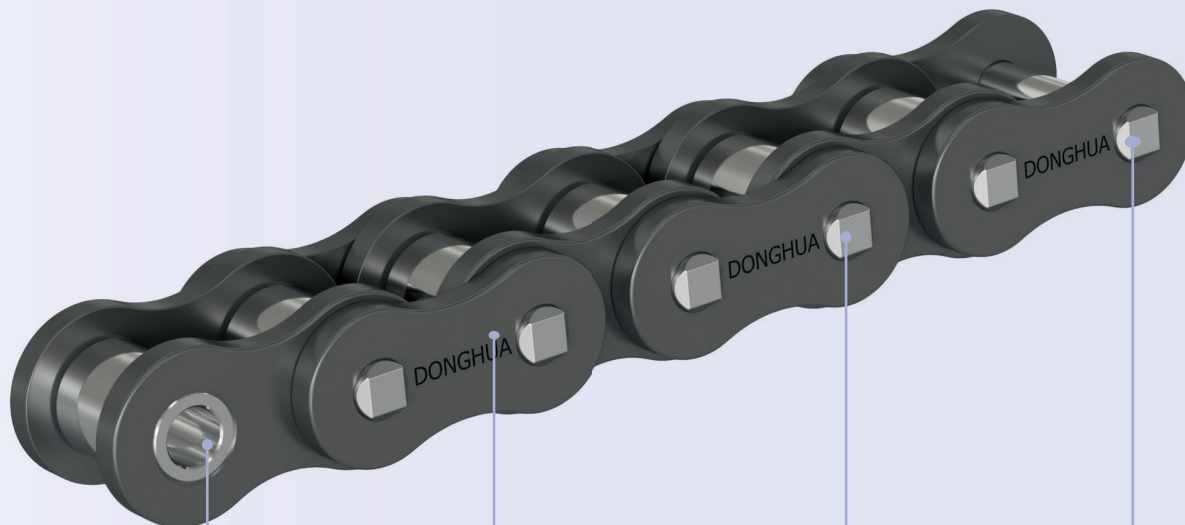




High quality wax
lubrication

Heavy duty plates

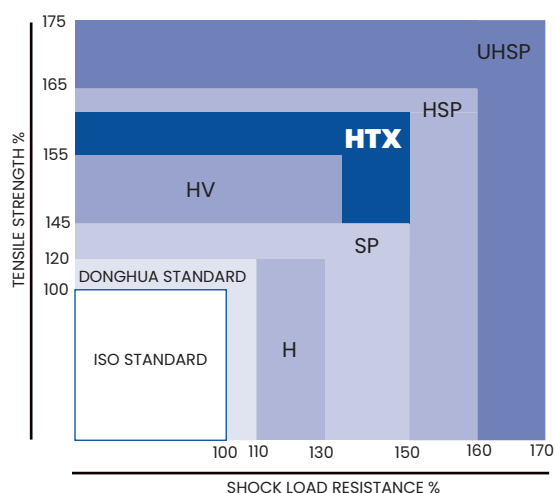
Special pin material

Special pin coating

HTX (Heavy Transmission Xtreme)

Designed for high reliability and extended service life. Special high-quality pin material and through-hardened pins increase tensile strength and load capacity, while the solid bush design enhances durability. A high-quality pin coating improves wear resistance, and DH-3 WAX lubrication provides optimal internal protection.

Delivers up to 50% higher fatigue strength and up to 60% higher tensile strength compared to the ISO standard, ensuring consistent heavy-duty performance.

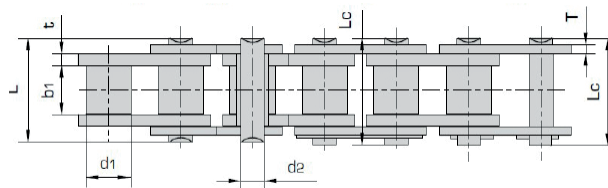
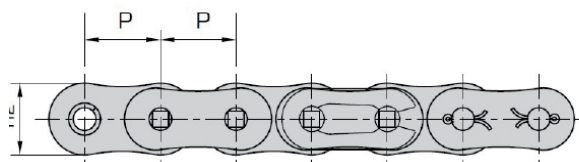


Technical highlights

- Special high quality pin material with special coating
- Through-hardened pins
- Solid bush
- Quad-riveted pins
- Excellent pin-to-plate fit due to ball-calibrated plate holes
- Plates have the thickness of one larger pitch size
- Up to 50% higher fatigue strength compared to ISO standard
- Up to 60% higher tensile strength compared to ISO standard
- Chains are pre-loaded at 40 to 50% of the breaking load
- Pre-lubricated with high performance DH-3 WAX (temp range -5 to 120 °C)
- Alternative lubricants available for special applications upon request

Industries

- Agricultural machinery
- Construction
- Mining/Drill rigs
- Wood industry
- 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	Acc. to Donghua		
	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												
12B-1 HTX	19,050	12,07	11,68	5,72	22,50	24,20	16,00	1,85	29,00	44,0	46,0	1,47
16B-1 HTX	25,400	15,88	17,02	8,28	36,10	37,40	21,00	4,15/3,1	60,00	80,0	90,0	3,10
20B-1 HTX	31,750	19,05	19,56	10,19	41,30	45,00	26,40	4,5/3,5	95,00	127,0	135,0	4,52
ANSI-Simplex												
50-1 HTX	15,870	10,16	9,40	5,08	22,1	23,4	15,09	2,42	22,20	32,0	37,0	1,18
60-1 HTX	19,050	11,91	12,57	5,94	29,2	31,0	18,00	3,25	31,80	47,7	55,0	1,50
80-1 HTX	25,400	15,88	15,75	7,94	36,2	37,7	24,10	4,00	56,70	79,6	95,0	2,60
100-1 HTX	31,750	19,05	18,90	10,32	43,6	46,9	30,10	4,80	88,50	119,6	140,0	3,91
120-1 HTX	38,100	22,23	25,22	12,28	53,5	57,5	36,2	5,60	127,00	167,6	190,0	5,62



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 upon request
- Different sizes are available upon request

Contact

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