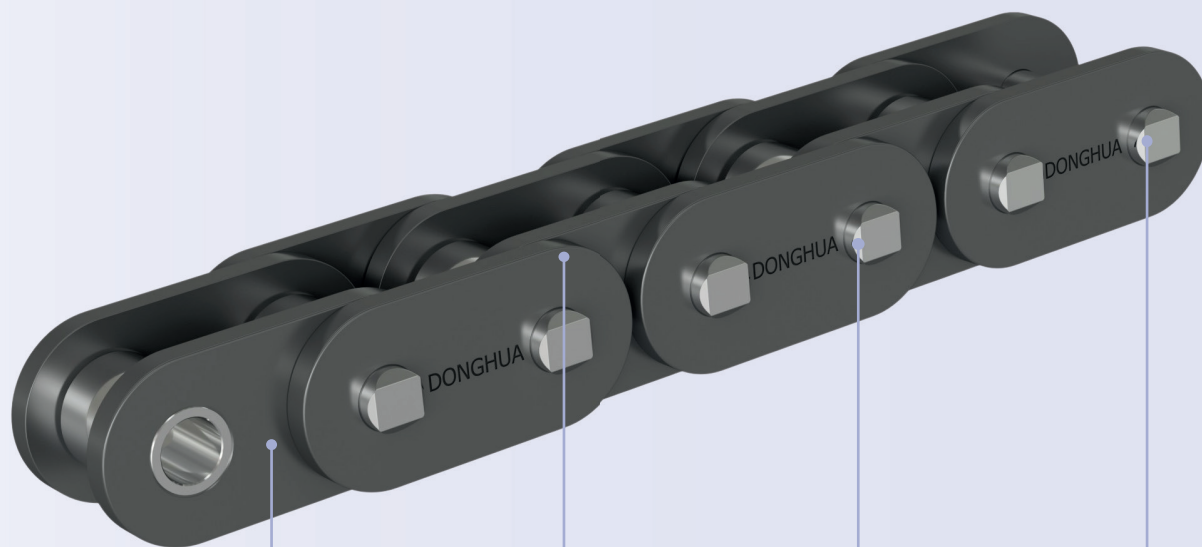


UHSP (Ultra Heavy Super Power)

For the highest breakingload and fatigue strength



Special plate material

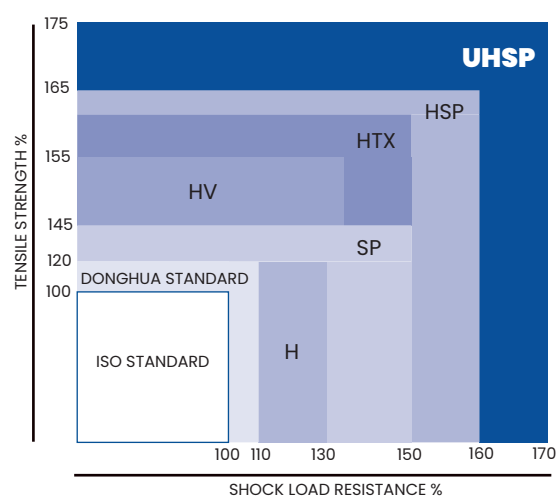
Straight side plates

Special pin material

Through-hardened pins

UHSP (Ultra Heavy Super Power)

Designed for maximum strength and durability in the most demanding applications. Featuring special pin materials, through-hardened components, increased plate height and thickness. This ensures reliable performance under extreme static and shock loads.

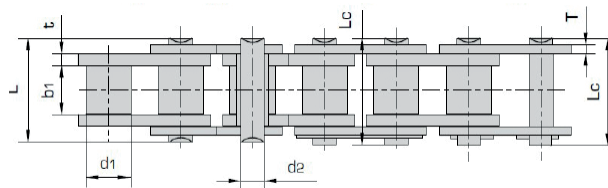
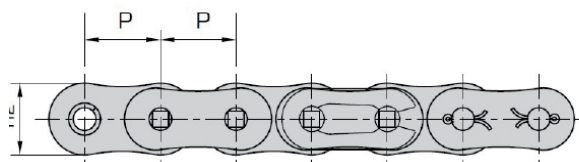


Technical highlights

- Special high quality pin material
- Through-hardened pins
- Excellent pin-to-plate fit due to calibrated plate holes
- Straight side plate design
- Up to 70% higher fatigue strength compared to the ISO standard
- Up to 75% higher tensile strength compared to the ISO standard
- Quad-riveted pins
- Chains are pre-loaded at 40 to 50% of the breaking load
- Standard pre-lubricated with DH-1 (temp range -5 to 80 °C)
- Alternative lubricants available for special applications upon request

Industries

- Agricultural machinery
- Skid steer loader
- Construction
- Mining/Drill rigs



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
ANSI-Simplex												
# 60-1 UHSP	19,050	11,91	12,57	5,94	29,2	29,2	18,0	3,25	31,80	50,0	55,0	2,62
80-1 UHSP	25,400	15,88	15,75	7,94	36,2	36,2	24,1	4,0	56,70	89,2	99,0	3,54
# 100-1 UHSP	31,750	19,05	18,9	10,32	44,7	44,7	30,1	4,7/4,9	88,50	149,6	172,0	5,27
# 120-1 UHSP	38,100	22,23	25,22	12,28	55,1	59,1	36,2	5,5	127,00	213,0	245,0	7,70

#Straight side plates



A
Outer Link

Notes

- Duplex & Triplex chains are available upon request
- Different sizes are available upon request

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