

ISO 9001
BUREAU VERITAS
Certification



HSP CHAIN

Produced using state of the art iso-thermal heat treatments for consistency, wide waisted design plates for extreme fatigue life and ultimate tensile strength up to 50% higher than DIN standard chain, Donghua HSP chains are built to withstand harsh and aggressive applications.

HSP chain is available in ANSI 80 to ANSI 200 sizes.



Features at a glance:

- * Designed with Super High breaking loads to withstand arduous applications
- * Selected materials
- * Long wear life
- * High fatigue life
- * Special heat treatment processes
- * High interference fit between pins & plates
- * High crush strength on rollers
- * High quality initial lubrication



A NEW SUPER POWER

In November, Donghua announced the introduction of a new product – a heavy duty, specialist chain called Heavy Super Power (HSP) chain. This new chain is typically used in agriculture, but is ideal for any harsh and aggressive applications such as mining & quarrying and construction.

Bob Wellsbury, managing director of Donghua in the UK said: "It's an incredibly tough chain that has ultimate tensile strength up to 50 per cent higher than DIN standard chains. Few manufacturers produce this type of chain, and we undertook aggressive technical product tests before releasing the chain to the market."

He added: "I think people will be pleasantly surprised at how well our HSP Chain compares, especially when it costs 30 per cent less than comparable chains!"

The HSP Chain has improved roller crush strength and is produced using state of the art iso-thermal heat treatments to give consistency; has wide-waisted design plates to give extreme fatigue life; and has high interference fit between the pins and the plates. A technical information sheet can be downloaded from the website at: www.donghua.co.uk/hspchain



Donghua Chain No.	Pitch	Ultimate tensile strength	Weight per meter
	P	Q min	q
	mm	kN/LB	kg/m
80HSP-1	25.40	89.2/20066	3.36
100HSP-1	31.75	131.8/29649	4.90
120HSP-1	38.10	176.0/39592	7.12
140HSP-1	44.45	231.9/52149	8.88
160HSP-1	50.80	294.5/66260	11.72
200HSP-1	63.50	543.6/122295	19.80



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