



Heavy-Duty Skidsteer performance chain

Based on years of development, testing, and proven performance, the **H.SP chain** combines a proven chain design with optimum material and metallurgical specifications to provide performance and value unparalleled in the marketplace.

Key features

- Straight sideplate design to ensure maximum fatigue strength
- Oriented inner and outer sideplates with extremely high pitch hole bearing areas for maximum fatigue strength
- Optimized pre-load minimizes initial chain elongation and maximizes chain life
- Shot peened sideplates and rollers for extreme endurance
- Through-hardened shot peened pins with engineered metallurgy further maximizes chain tensile strength without compromising fatigue strength



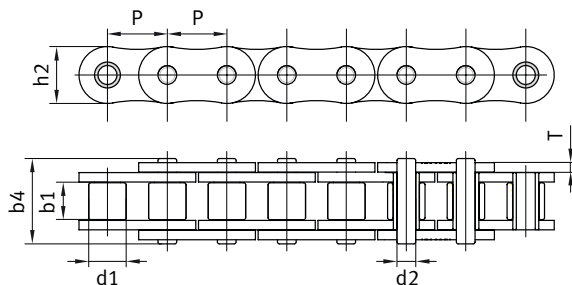
Let us prove it!



H.SP – Designed and manufactured to the highest strength durability standards in the roller chain industry.

Let us prove it!

Product specifications



Chain no.	P mm	d1 (max) mm	b1 (min) mm	d2 (max) mm	b4 (max) mm	h2 (max) mm	T mm	Avg. tensile
60H.SP	19.05	11.91	12.57	5.94	29.20	18.08	3.3	55.0 kN
C80H.SP	25.40	15.88	15.75	7.94	36.20	24.10	4.0	89.0 kN
C100H.SP	31.75	19.05	18.90	9.54	43.60	30.00	4.8	133.5 kN
C120H.SP	38.10	22.23	25.22	11.11	53.50	36.20	5.6	182.4 kN



More than **21 pulsers** (worldwide) are available for testing dynamic fatigue strength according to different testing methods



Testing of chain wear elongation behavior on more than 20 testing rigs



Evaluation of chain breaking strength and elongation up to 1000 kN

Your perfect engineering partner

iwis utilizes state-of-the-art equipment to test the ultimate tensile, fatigue load, and wear characteristics of our chains. Our laboratory has the capabilities to carry out many different testing possibilities including microscopy, metallography, evaluation of mechanical properties, chemical composition and qualified analysis of data.

This investment into R&D allows iwis to engineer and deliver a product that will meet the requirements of each application while being commercially viable.

Let us prove it!



Average fatigue strength