



H11

(UNS G44004) W Nr.1.2343

Chemical composition	C	Mn	Si	Cr	Mo	V	P	S	Fe
% Present (Max)	0.35–0.45	0.20–0.50	0.80–1.20	4.75–5.50	1.10–1.75	0.30	≤0.03	≤0.03	Balance

H11 is a chromium-molybdenum hot-work tool steel designed for high-strength tooling subjected to thermal shock and high temperatures. It provides a balance of toughness, wear resistance, and hot hardness, making it ideal for hot forging dies, die-casting dies, and extrusion tooling. H11 is usually supplied in the annealed condition (~200–250 HB) for machining and then heat-treated to 45–52 HRC depending on the application.

Note: Values are in accordance with EN 10088 specifications. Actual mill certs available upon request.

