



D2

(UNS G43100) W Nr.1.2379

Chemical composition	C	Mn	Si	Cr	Mo	V	P	S	Fe
% Present (Max)	1.50–1.60	0.60	0.60	11.0 – 13.0	0.70 – 1.20	0.30	≤0.03	≤0.03	Balance

D2 is a high-carbon, high-chromium air-hardening tool steel known for exceptional wear resistance, high hardness, and good dimensional stability. It is widely used for cutting, stamping, and forming dies, especially where abrasive wear is a concern. D2 can be hardened to 58–62 HRC and maintains toughness for most medium-duty applications. Its high chromium content gives good corrosion resistance compared to other high-carbon steels, making it suitable for cold work tooling, shear blades, and punches.

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

