



EN30 B

W Nr. 1.6582

Chemical composition	C	Mn	Si	Cr	Ni	Mo	P	S	Fe
% Present (Max)	0.30–0.38	0.35–0.65	0.15–0.35	1.10–1.40	1.30–1.70	0.20–0.30	≤0.03	≤0.03	Balance

EN30B is a high-strength alloy steel with excellent tensile strength, toughness, and fatigue resistance. It is commonly used in high-stress components such as shafts, axles, gears, and high-load mechanical parts. EN30B is through-hardened or case-hardened, depending on the application, and is suitable for components requiring uniform hardness, wear resistance, and dimensional stability. Its nickel-chromium-molybdenum alloying provides good hardenability and impact resistance.

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

