Data Sheet

Westgate

EN36

W Nr. 1.6587

Chemical composition	C	Mn	Si	Cr	Ni	Mo	P	S	Fe
% Present (Max)	0.35–0.45	0.30 – 0.60	0.15 – 0.35	1.10 – 1.40	1.30 –1.70	0.25 – 0.35	≤0.03	≤0.03	Balance

EN36 is a high-strength, alloyed steel known for its excellent toughness, wear resistance, and fatigue strength. It is widely used for heavily loaded shafts, axles, gears, and critical mechanical components. EN36 can be through-hardened or case-hardened depending on the application, and its nickel-chromium-molybdenum composition ensures good hardenability, impact resistance, and dimensional stability under high stress.

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

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