



EN24 T

W Nr.1.8550

Chemical composition	C	Mn	Si	Cr	Ni	Mo	P	S	Fe
% Present (Max)	0.36–0.44	0.60–0.90	0.15–0.35	1.40–1.70	1.80–2.20	0.20–0.30	≤0.04	≤0.05	Balance

EN24T is a high-strength, alloyed steel widely used for heavy-duty engineering components requiring high tensile strength, toughness, and wear resistance. It is a nickel-chromium-molybdenum alloy steel that can be through-hardened to achieve high hardness (~55–62 HRC), making it suitable for shafts, gears, studs, bolts, and other critical mechanical parts. EN24T combines good machinability in the annealed condition with excellent strength and impact resistance after heat treatment.

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

