

EN 3506-1 C1

STAINLESS STEEL

BOLTING MATERIAL FOR LOW TEMPERATURE SERVICE

EN 3506-1 C1 have Greater mechanical properties with less corrosion-resistance, steels with no specific resistance to corrosion, commonly used in the assembly of pumps, turbines, etc, Suitable for quenching, stress-relief or tempering treatments. It can be used in its annealed state. Suitable for cold drawing

Chemical Properties

C	Si	Mo	P	S	Cr	Ni
0.09-0.15	1	1	0.05	0.03	11.5-14	1

Mechanical Properties

Yield strength	Tensile strength
Min 0.2% Mpa	Min Mpa
250-410	500-700

Heat Treatment

Equivalent Designation

1.4006/ 1.4021
EN name X10Cr13
ISO 3506 (DIN 267-11)

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