

SB 564

HIGH TENSILE

BOLTING M

SB 564 covers nickel alloy forgings. These alloys are classified into different grades according to their chemical composition. Grain size and mechanical properties shall be measured. A tension test and nondestructive ultrasonic test shall be done on each alloy UNS N10629. The values stated in inch-pound units are to be regarded as standard. The values in SI units that are provided for information only and are not considered standard.

Chemical Properties

C	Mn	P	S	Si	Cr
0.010 Max	1.5 Max	0.04 Max	0.01 Max	0.05 Max	0.5-1.5

Mo	Cu	Al	Co	Fe
26.0-30.0	0.5 Max	0.1-0.5	2.5 Max	1.0-6.0

Mechanical Properties

Yield strength	Tensile strength	Elongation
Mpa	Mpa	%
min	min	min
350	760	40

Heat Treatment

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Solution Annealed @ 1080°C & Liquid Quenched

Equivalent Designation

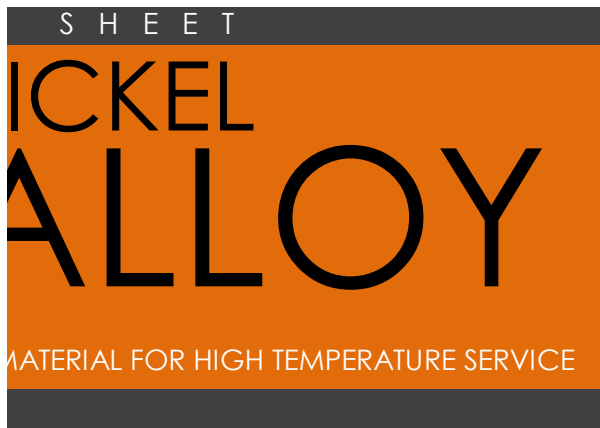
UNS N10629
EN number
EN Name
W.Nr.
SS
AFNOR

TorqBolt Inc

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Chemical composition. A chemical analysis shall be required for properties like tensile strength, yield strength, and elongation of specimen. SB 564 covers Ni-Fe-Cr alloy and Ni-Cr alloys. The s given in parentheses are mathematical



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