

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 grade. The values given in parentheses are mathematical values for information only and are not considered standard.

Chemical Properties

C	Mn	P	S	Si	Cr
0.015 Max	0.5 Max	0.02 Max	0.02 Max	0.08 Max	18.0-20.0

Mo	V	Co	Ta	Fe
18.0-20.0	0.35 Max	1.0 Max	1.5-2.2	1.0 Max

Mechanical Properties

Yield strength	Tensile strength	Elongation
Mpa	Mpa	%
min	min	min
310	690	45

Heat Treatment

Solution Annealed @ 1080°C & Liquid Quenched

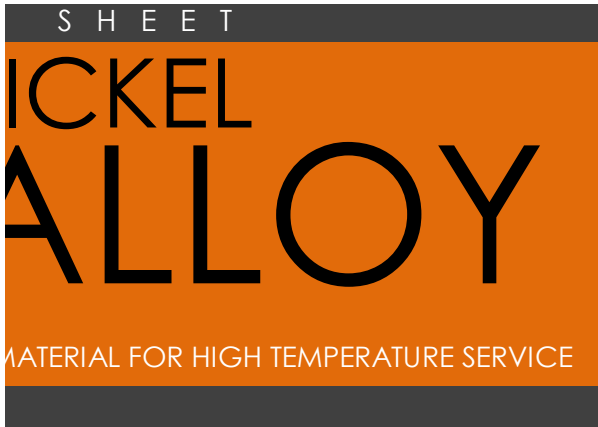
Equivalent Designation

UNS N06210
EN number
EN Name
W.Nr.
SS
AFNOR

TorqBolt Inc

CUSTOMER ASSISTANCE : customer@TorqBolt.com

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Chemical composition. A chemical analysis shall be performed on each specimen to determine properties like tensile strength, yield strength, and elongation. SB 564 covers UNS N06210. The values are in imperial units. The values in parentheses are the metric conversions to SI units that are provided.



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