

SB 564

MONEL 400

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 lot. The values stated in inch-pound units are to be regarded as standard. The values given in parentheses are provided for information only and are not considered standard.

Chemical Properties

C	Mn	S	Si	Ni	Cu	Fe
0.3 Max	2.0 Max	0.024 Max	0.5 Max	83.0 Min	28.0-34.0	2.5 Max

Mechanical Properties

Yield strength	Tensile strength	Elongation
Mpa	Mpa	%
min	min	min
172	483	35

Heat Treatment

Solution Annealed @ 1080°C & Liquid Quenched

Equivalent Designation

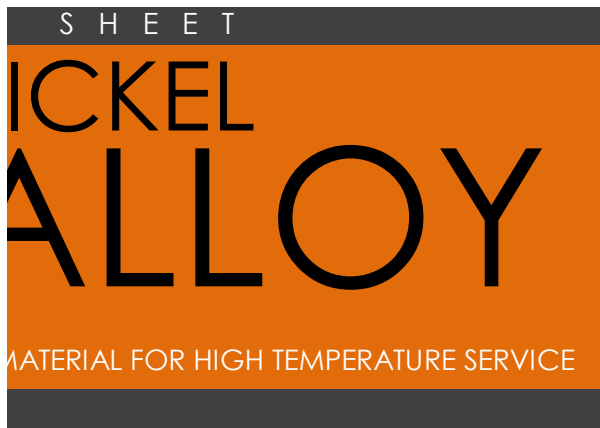
UNS N04400
EN number
EN Name
W.Nr. 2.4360
SS
AFNOR

TorqBolt Inc

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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 Ni-Cu alloy UNS N04400. The values in parentheses are mathematical conversions to SI units that are



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