

SB 564

HASTELLOY C2000

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 N06200. The values stated in inch-pound units are to be regarded as standard. The values are conversions to SI units that are provided for information only and are not considered standard.

Chemical Properties

C	Mn	P	S	Si	Cr
0.010 Max	0.50 Max	0.025 Max	0.010 Max	0.08 Max	22.0-24.0

Mo	Cu	Al	Co	Fe
15.0-17.0	1.3-1.9	0.50 Max	2.0 Max	3.0 Max

Mechanical Properties

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

Heat Treatment

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Solution Annealed @ 1080°C & Liquid Quenched

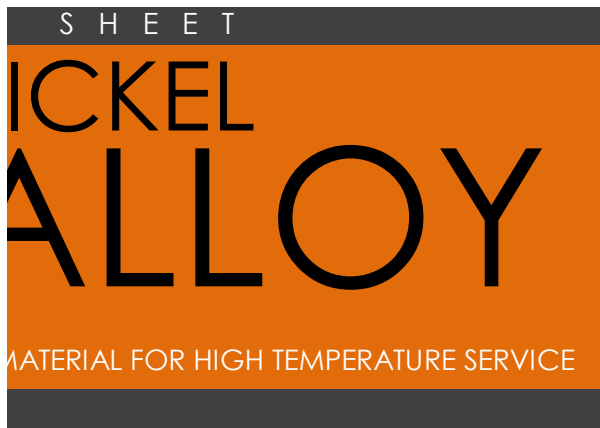
Equivalent Designation

UNS N06200
EN number NiCr23Mo16 Cu
EN Name
W.Nr. 2.4675
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 low-carbon Ni-Cr-Mo alloys; values given in parentheses are mathematical



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