

SB 564

HASTELLOY B3

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	P	S	Si	Cr	Mo
0.01 Max	3.0 Max	0.030 Max	0.010 Max	0.10 Max	1.0-3.0	27.0-32.0

Cb	Ti	Al	W	Co	Ta	Fe
0.20 Max	0.20 Max	0.50 Max	3.0 Max	3.0 Max	0.20 Max	1.0-3.0

Mechanical Properties

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

Heat Treatment

Solution Annealed @ 1080°C & Liquid Quenched

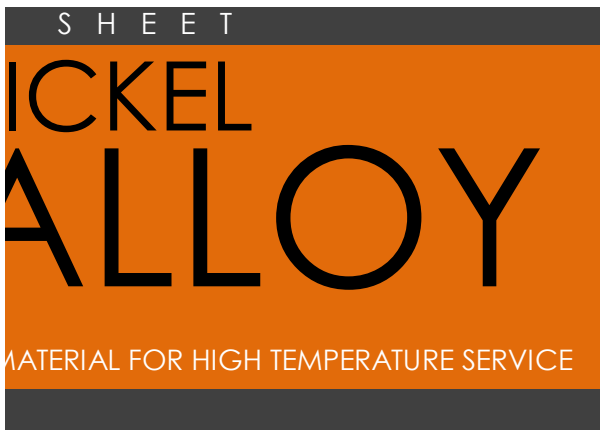
Equivalent Designation

UNS N10675
EN number
EN Name
W.Nr. 2.4600
SS
AFNOR

TorqBolt Inc

CUSTOMER ASSISTANCE : customer@TorqBolt.com

#4/215, Bhatawdekar Lane,
R. R. Roy Road, Mumbai – 400 004,
Maharashtra, INDIA



Chemical composition. A chemical analysis shall be performed on each specimen. SB 564 covers Ni-Mo alloy UNS N10675. The values in parentheses are mathematical conversions to SI units that are

Ni	Cu	V
65.0 Min	0.20 Max	0.20 Max

Zr	Ni+Mo
0.10 Max	94.0-98.0



Email: info@TorqBolt.com

Web: www.TorqBolt.com

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