

SB 564

HASTELLOY C276

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 N10276. The values stated in inch-pound units are to be regarded as standard. The values given 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	1.0 Max	0.04 Max	0.03 Max	0.08 Max	14.5-16.5

Mo	V	W	Co	Fe
15.0-17.0	0.35 Max	3.0-4.5	2.5 Max	4.0-7.0

Mechanical Properties

Yield strength	Tensile strength	Elongation
Mpa	Mpa	%
min	min	min
283	690	40

Heat Treatment

--

Solution Annealed @ 1080°C & Liquid Quenched

Equivalent Designation

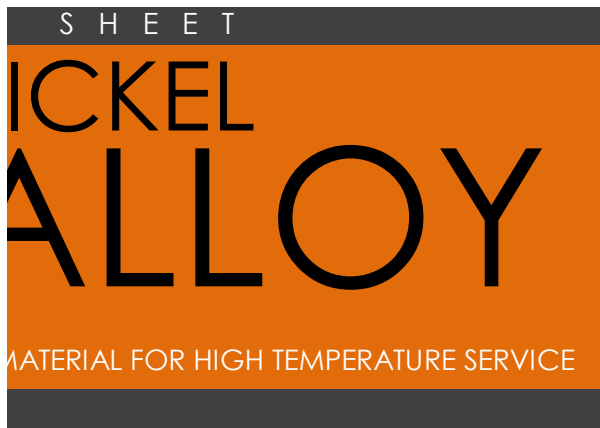
UNS N10276
EN number
EN Name
W.Nr. 2.4819
SS
AFNOR

TorqBolt Inc

CUSTOMER ASSISTANCE : customer@TorqBolt.com

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

TorqBolt Inc



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-Mo-Cr alloys. Values in parentheses are mathematical conversions.



Email: info@TorqBolt.com

Web: www.TorqBolt.com

Copyright 2013 Torqbolt Inc.