

SB 564

HAYNES 230

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 for information only and are not considered standard.

Chemical Properties

C	Mn	P	S	Si	Cr	Mo
0.05-0.15	0.30-1.00	0.030 Max	0.015 Max	0.25-0.75	20.0-24.0	1.0-3.0

Al	B	W	Co	Fe	La
0.50 Max	0.015 Max	13.0-15.0	5.0 Max	3.0 Max	0.005-0.050

Mechanical Properties

Yield strength	Tensile strength	Elongation
Mpa	Mpa	%
min	min	min
310	758	40

Heat Treatment

Solution Annealed @ 1177°C & Liquid Quenched

Equivalent Designation

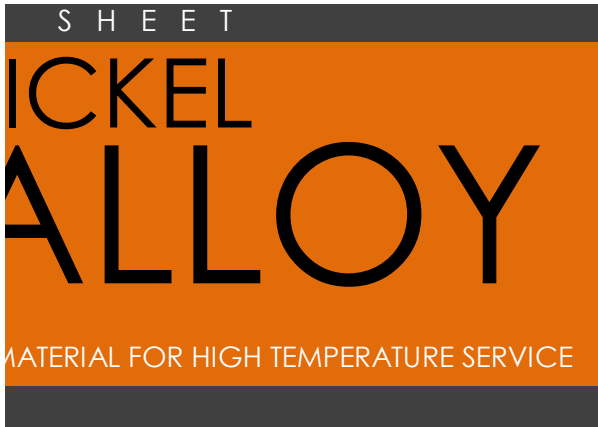
UNS N06230
EN number NiCr22W14Mo
EN Name
W.Nr. 2.4733
SS
AFNOR

TorqBolt Inc

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Chemical composition. A chemical analysis shall be performed on the material to determine properties like tensile strength, yield strength, and elongation. SB 564 covers Ni-Cr-W-Mo alloy UNS S56400. Parentheses are mathematical conversions to SI units



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