

SB 564

INCONEL 690

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 of SB 564. 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	S	Si	Cr	Ni	Cu
0.05 Max	0.5 Max	0.015 Max	0.5 Max	27.0-31.0	58.0 Min	0.5 Max

Mechanical Properties

Yield strength	Tensile strength	Elongation
Mpa	Mpa	%
min	min	min
241	586	30

Heat Treatment

Solution Annealed @ 1080°C & Liquid Quenched

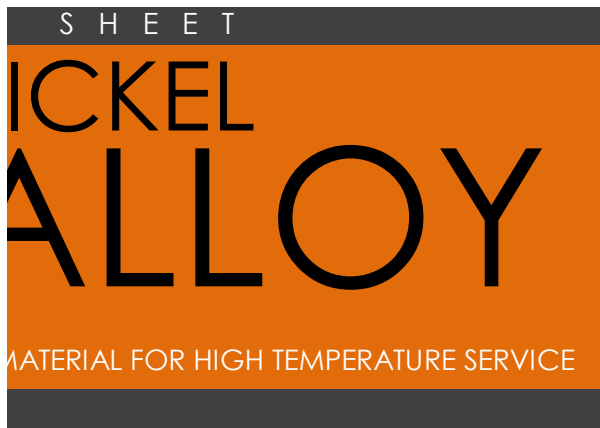
Equivalent Designation

UNS N06690
EN number
EN Name
W.Nr.
SS
AFNOR

TorqBolt Inc

CUSTOMER ASSISTANCE : customer@TorqBolt.com

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Chemical composition. A chemical analysis shall be performed on each lot of material to determine properties like tensile strength, yield strength, and elongation. SB 564 covers Ni-Cr-Fe alloy UNS N06690. Parentheses are mathematical conversions to SI units

Fe
7.0-11.0



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