Nickel Alloy 75

Typical Applications

Components for industrial and aircraft gas turbines

Industrial furnace components

High Temperature fasteners

Thermocouple sheathing

Heat treating equipment and fixtures



Alloy 75 is a creep resistant nickel-chromium alloy with a controlled carbon content and a small addition of titanium.

Alloy 75 has good mechanical properties and oxidation resistant at high temperatures.

Related Products

Alloy 200 201

Alloy 625 Bar

Alloy 625 Sheet And Plate

Alloy 718 Bar

Alloy 718 Sheet Plate

Alloy 75

Alloy 80A

Alloy X750

Alloy X Bar

Alloy X Sheet Plate

C263

Mp159 R Bar

Mp35N R

Rene 41

Waspaloy

Alloy 90

Alloy 901

Alloy 625

Alloy 718

Alloy X

Technical specification

Related Specifications

BS HR5

BS HR504

UNS N06075

DIN 17752

ISO 9723

W.Nr 2.4630

Density

8.37 g/cm3

Chemical Composition (WT %)

	Min	Max
Ni	-	Ba
Cr	19	21
Fe	-	5
C	0.08	0.13
Mn	-	1.0
Si	0.3	0.7
Cu	-	0.5
Al	-	0.3
Ti	0.2	0.6

Typical Mechanical Properties in the Solution Treated Condition

0.2% Proof Stress	MPA	240
Tensile Strength	MPA	650
Elongation	%	25
Hardness	HB	<230 (less equal)



Need more information? ***Get in touch***

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