

Nimonic 75 - NICKEL ALLOY 75

L'alliage 75 est un alliage nickel-chrome résistant au fluage avec une teneur en carbone contrôlée et une petite addition de titane. L'alliage 75 a de bonnes propriétés mécaniques et résiste à l'oxydation à haute température.

Specific Gravity

8.37 g/cm³

Typical Applications

Related Specifications

Components for industrial and aircraft gas turbines
 Industrial furnace components
 High Temperature fasteners
 Thermocouple sheathing
 Heat treating equipment and fixtures

BS HR5
BS HR504
UNS N06075
DIN 17752
ISO 9723
W.Nr 2.4630

Chemical Composition (Wt %)

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

Typical Mechanical Properties in the Solution Treated Condition

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

* Every effort has been made to ensure that our technical specifications are accurate. However, technical specifications included within Dynamic Metals Ltd should be used as a guideline only and are subject to change without notice.

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