

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/cm ³									
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.									

General Enquiries

T: +44 (0) 1525 217 556 [_\(tel:+4401525217556\)](tel:+4401525217556)

E: sales@dynamicmetalsltd.com [_\(mailto:sales@dynamicmetalsltd.com\)](mailto:sales@dynamicmetalsltd.com)



UK Address:

Head Office

40 Eden Way
Chartwell Business Park
Leighton Buzzard
Bedfordshire
LU7 4FY

T: +44 (0)1525 217 556 [_\(tel:+441525217556\)](tel:+441525217556)

Conversion Centre

Suite 2 Meadowhall Riverside
Meadowhall Road
Sheffield
South Yorkshire
S9 1BW

T: +44 (0)1143 030 320 [_\(tel:+4401143030320\)](tel:+4401143030320)

Registered Office (only)

The Granary
Crowhill Farm Ravensden Road
Wilden
Bedfordshire
MK44 2QS

T: +44 (0)1525 217 556 [_\(tel:+441525217556\)](tel:+441525217556)



[\(/media/zn2dbklo/cyber-essentials-certified-plus.png\)](#)



[\(/media/dyelbliq/cyber-essentials-certified.png\)](#)