

## 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<sup>3</sup>

### 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
<b>Min</b>	–	19	–	0.08	–	0.3	–	–	0.2
<b>Max</b>	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) [\\_\(mailto:sales@dynamicmetalsltd.com\)](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)



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



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