

AMS 5542, AMS 5598 - NICKEL ALLOY X750

L'alliage X750 est un alliage nickel-chrome durcissable par précipitation, offrant une bonne résistance mécanique et une bonne résistance à la corrosion à des températures élevées. Les applications vont des turbines à gaz et des moteurs de fusée aux ressorts et attaches utilisés à des températures cryogéniques.

Specific Gravity					
Typical Applications	Related Specifications				
Gas Turbines Rocket Engines Springs	AMS 5542 AMS 5598 ASTM B637				
Chemical Composition (Wt %)					
Min					
Max					
Typical Mechanical Properties					
	0.2% Proof Stress	Tensile Strength	Elongation	Reduction of area	Hardness
Content					
Hardness after Heat Treatment					

* 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)



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



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