

AMS 5542, AMS 5598 - NICKEL ALLOY X750

L'alliage X750 (AMS 5542, AMS 5598) 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				AMS 5542		
Rocket Engines				AMS 5598		
Springs				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.

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