



Material - Gravity Inconel 725

Standard Specification for Nickel and Nickel Alloy Round Bar and Wire

Group - Non-Ferrous Nickel Alloys

Sub Group - Gravity Inconel 725 Nickel and Nickel Alloy Round Bar and Wire

Application - Intended for Valve, Pump, General Engineering, Automotive and other Industries

Grade Belongs to the Industry - Round Bar and Wire

Chemical Composition			Heat Treatment	
Carbon	C %	0.030 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.200 max.		
Manganese	Mn %	0.350 max.		
Chromium	Cr %	19.000 - 22.500		
Molybdenum	Mo %	7.000 - 9.500		
Sulphur	S %	0.010 max.		
Aluminium	Al %	0.350 max.		
Phosphorus	P %	0.015 max.		
Titanium	Ti %	1.000 - 1.700	Mechanical Properties	
Niobium	Nb %	2.750 - 4.000	Tensile Strength in Mpa	-
Nickel	Ni %	55.000 - 59.000	Yield Strength in Mpa	-
Iron	Fe %	Balance	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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