

Material: IS 9088 Alloy 2

Standard Specification for Universal Head Nickel Alloy Rivets for Aircraft

Group: Non-Ferrous Nickel Alloys

Sub Group: IS 9088 Alloy 2 Universal Head Nickel Alloy Rivets for Aircraft

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

Grade Belongs to the Industry: Wire

Chemical Composition		
Carbon	C %	0.080 - 0.150
Silicon	Si %	1.000 max.
Manganese	Mn %	1.000 max.
Chromium	Cr %	18.000 - 21.000
Copper	Cu %	0.500 max.
Cobalt	Co %	0.500 max.
Iron	Fe %	5.000 max.
Titanium	Ti %	0.200 - 0.600
Nickel	Ni %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment	
As-Cast or Annealing or Age Hardning	

Mechanical Properties	
Tensile Strength in Mpa	650 min.
Yield Strength in Mpa	450 min.
Elongation in %	-
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

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

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: info@icastllp.com



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India