

Material: ASTM F799 Alloy 2

Standard Specification for Cobalt-Based alloy

Group: Non-Ferrous Cobalt Alloys

Sub Group: ASTM F799 Alloy 2 Cobalt-Based alloy

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

Grade Belongs to the Industry: *Casting*

Heat Treatment	
As-Cast or Annealing	
Mechanical Properties	
Tensile Strength in Mpa	1172 min.
Yield Strength in Mpa	827 min.
Elongation in %	12 min.
Reduction of Area in %	12 min.
Hardness in HRC	35 min.
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
R31538	UNS	USA	Casting
5832-12 Alloy 2	ISO	International	Casting
F1537 Alloy 2	ASTM	USA	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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