

## 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

Chemical Composition			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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-	-	-	-
-	-	-	-
-	-	-	-

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