



## Material - SAE Tribaloy T-400

### Standard Specification for Engine poppet valve information report

Group - Non-Ferrous Cobalt Alloys

Sub Group - SAE Tribaloy T-400 Engine poppet valve information report

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

Grade Belongs to the Industry - Valve

Chemical Composition			Heat Treatment	
Carbon	C %	0.080 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	2.200 - 3.000		
Chromium	Cr %	7.500 - 10.000		
Molybdenum	Mo %	26.500 - 30.000		
Cobalt	Co %	61.000 - 63.000		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	689.5
			Yield Strength in Mpa	-
			Elongation in %	1 min.
			Reduction of Area in %	-
			Hardness in HRC	51 - 58
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
R30400	UNS	USA	Valve
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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

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