

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