



## Material - UNS R30400

### Standard Specification for Engine poppet valve information report

Group - Non-Ferrous Cobalt Alloys

Sub Group - UNS R30400 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 %	27.000 - 29.000		
Cobalt	Co %	61.000 - 63.000		
Fe + Ni	Fe% + Ni%	3.000 max.		
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-	-	-	<b>Mechanical Properties</b> 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
Tribaloy T-400	SAE	USA	Valve
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**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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