

Material: UNS J23015

Standard Specification for Alloy Steel Casting

Group: Ferrous Mild Steel Alloys

Sub Group: UNS J23015 Alloy Steel Casting

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

Grade Belongs to the Industry: Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.300 max.	Annealing or Normalizing or Hardening + Tempering	
Silicon	Si %	0.800 max.		
Phosphorus	P %	0.035 max.		
Sulphur	S %	0.035 max.		
Chromium	Cr %	0.550 - 0.900		
Nickel	Ni %	1.400 - 2.000		
Molybdenum	Mo %	0.200 - 0.400		
Vanadium	V %	0.030 max.	Mechanical Properties	
Tungsten	W %	0.100 max.		
Copper	Cu %	0.500 max.		
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
SA-487 Grade 10A	ASME	USA	Casting
SA-487 Grade 10B	ASME	USA	Casting
A487 10B	ASTM	USA	Casting
A732 9Q	ASTM	USA	Casting
J23055	UNS	USA	Casting
4330	AISI	USA	Forging, Bar, Wire, and Shape
A487 10A	ASTM	USA	Casting

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