



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASTM A732 5N

Standard Specification for Castings, Investment, Carbon and Low Alloy Steel for General Application, and Cobalt Alloy for High Strength at Elevated Temperatures

Group - Ferrous Mild Steel Alloys

Sub Group - ASTM A732 / A7323M Casting, Investment, Carbon and Low Alloy Steel for General Application

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 Normalising or Hardening + Tempering	
Silicon	Si %	0.200 - 0.800		
Manganese	Mn %	0.700 - 1.000		
Phosphorus	P %	0.040 max.		
Sulphur	S %	0.045 max.		
Chromium	Cr %	0.350 max.		
Nickel	Ni %	0.500 max.		
Copper	Cu %	0.500 max.		
Other	Ot %	1.000 max.		
Vanadium	V %	0.050 - 0.150		
Mo + W	Mo% + W%	0.250 max.		
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
6120	AISI	USA	Forging, Bar, Wire, and Shape
J13052	UNS	USA	Casting
200-400 W	JIS	Japan	Casting
B2	BS	British	Forging
B4	BS	British	Forging
B5	BS	British	Casting
B6	BS	British	Forging

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

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