



Material - AISI 1095

Standard Specification For Carbon Steel Compositions For Forging To Hot-Rolled Steel and Bar

Group - Ferrous Mild Steel Alloys

Sub Group - AISI 1095 Carbon Steel Compositions For Forging To Hot-Rolled Steel and Bar

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

Grade Belongs to the Industry - Steel and Bar

Chemical Composition			Heat Treatment	
Carbon	C %	0.900 - 1.030	As Raw or Annealing or Normalizing or Hardening and Tempering	
Manganese	Mn %	0.150 - 0.500		
Phosphorus	P %	0.040 max.		
Sulphur	S %	0.050 max.		
Silicon	Si %	0.150 - 0.350		
Iron	Fe %	Balance		
-	-	-		
-	-	-	Mechanical Properties Tensile Strength in Mpa 680 - 1379 Yield Strength in Mpa 460 min. Elongation in % 10 min. Reduction of Area in % 25 - 40 Hardness in HB 302 max. Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
G10950	UNS	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
1095	SAE	USA	Strip and Steel
A 1040 1095	ASTM	USA	Steel
A 108 Grade 1095	ASTM	USA	Steel and Bar
A 29 1095	ASTM	USA	Steel and Bar
A 510 1095	ASTM	USA	Wire Rods, Round Wire and Steel
A 576 10L95	ASTM	USA	Steel and Bar

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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