

Material: ASTM A 1040 1095

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

Group: Ferrous Mild Steel Alloys

Sub Group: ASTM A 1040 1095 Carbon Steel Compositions For Forging To Hot-Rolled Steel

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

Grade Belongs to the Industry: Steel

Chemical Composition			Heat Treatment	
Carbon	C %	0.900 - 1.030	As Raw or Annealing or Normalizing or Hardening and Tempering	
Manganese	Mn %	0.300 - 0.500		
Phosphorus	P %	0.030 max.		
Sulphur	S %	0.035 max.		
Silicon	Si %	0.100 max.		
Boron	B %	0.0005 - 0.003		
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 -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

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
1095	AISI	USA	Steel and Bar
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

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