

Material: ASTM A 108 1040

Standard Specification for Quality Cold-Finished Carbon Steel Bars

Group: Ferrous Mild Steel Alloys

Sub Group: ASTM A 108 1040 Quality Cold-Finished Carbon Steel Bars

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

Grade Belongs to the Industry: Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.370 -0.440	As- Cast or Normalizing or Annealing or Hardening + Tempering	
Manganese	Mn %	0.600 - 0.900		
Phosphorus	P %	0.040 max.		
Sulphur	S %	0.050 max.		
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	-
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
A915 Grade SC 1040	ASTM	USA	Casting
1040	AISI	USA	Casting
J04003	UNS	USA	Casting
1040	SAE	USA	Casting
1040	AS	Australia	Casting
1040	AMS	USA	Casting
A 29 1040	ASTM	USA	Casting

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