

Material: SAE J403 UNS G10330

Standard Specification For Carbon Steel Compositions For Forging To Hot-Rolled And Cold-Finished Bars, To Wire Rods, Plates, Strip, Sheets and Tubing

Group: Ferrous Mild Steel Alloys

Sub Group: SAE J403 UNS G10330 Carbon Steel Compositions For Forging To Hot-Rolled And Cold-Finished Bars, Wire Rods, Plates, Strip, Sheets and Tubing

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

Grade Belongs to the Industry: Bars, Wire Rods, Plates, Strip, Sheets and Tubing

Chemical Composition			Heat Treatment	
Carbon	C %	0.300 - 0.360	As Raw or Annealing or Normalizing or Hardening and Tempering	
Manganese	Mn %	0.700 - 1.000		
Phosphorus	P %	0.030 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
1033	SAE	USA	Steel
1033	AISI	USA	Tubing
A 1040 1033	ASTM	USA	Steel
A 513 Grade 1033	ASTM	USA	Steel
A 830 1033	ASTM	USA	Steel and Plate
A 830 G10330	ASTM	USA	Steel and Plate
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