

Material: SAE J403 UNS G15660

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 G15660 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 %	0.600 - 0.710	As Raw or Annealing or Normalizing or Hardening and Tempering	
Manganese	Mn %	0.850 - 0.710		
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
1566	SAE	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
1566	AISI	USA	Steel and Bar
A 29 1566	ASTM	USA	Steel and Bar
A 510 1566	ASTM	USA	Wire Rod, Round Wire and Steel
A 576 15L66	ASTM	USA	Steel and Bar
A 713 Grade 1566	ASTM	USA	Steel and Wire
A 713 G15660	ASTM	USA	Steel and Wire

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