

Material: ASTM A 713 Grade 1566

Standard Specification For Carbon Steel Compositions For Forging To Hot-Rolled And Cold-Finished Steel and Wire

Group: Ferrous Mild Steel Alloys

Sub Group: ASTM A 713 Grade 1566 Carbon Steel Compositions For Forging To Hot-Rolled And Cold-Finished Steel and Wire

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

Grade Belongs to the Industry: Steel and Wire

Chemical Composition			Heat Treatment
Carbon	C %	0.600 - 0.710	As Raw or Annealing or Normalizing or Hardening and Tempering
Manganese	Mn %	0.850 - 1.150	
Phosphorus	P %	0.040 max.	
Sulphur	S %	0.050 max.	
Silicon	Si %	0.100 max.	
Iron	Fe %	Balance	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
Mechanical Properties			
Tensile Strength in Mpa			1960 - 2240
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
G15660	UNS	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
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 G15660	ASTM	USA	Steel and Wire

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