

Material: AISI 1060

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

Group: Ferrous Mild Steel Alloys

Sub Group: AISI 1060 Carbon Steel Compositions For Forging To Hot-Rolled Steel and Tubing

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

Grade Belongs to the Industry: Steel and Tubing

Chemical Composition			Heat Treatment	
Carbon	C %	0.550 - 0.650	As Raw or Annealing or Normalizing or Hardening and 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	620 - 680
-	-	-	Yield Strength in Mpa	370 min.
-	-	-	Elongation in %	10 min.
-	-	-	Reduction of Area in %	30 - 45
-	-	-	Hardness in HB	183 - 201
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
G10600	UNS	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
1060	SAE	USA	Steel
A 1040 1060	ASTM	USA	Steel
A 29 1060	ASTM	USA	Steel and Bar
A 510 1060	ASTM	USA	Wire Rod, Round Rod and Steel
A 513 Grade 1060	ASTM	USA	Steel and Tubing
A 576 10L60	ASTM	USA	Bar

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