

Material: AISI 1026

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

Group: Ferrous Mild Steel Alloys

Sub Group: AISI 1026 Carbon Steel Compositions For Forging To Hot-Rolled And Cold-Finished Tubing

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

Grade Belongs to the Industry: Tubing

Chemical Composition			Heat Treatment	
Carbon	C %	0.220 - 0.280	As Raw or Annealing or Normalizing or Hardening and Tempering	
Manganese	Mn %	0.600 - 0.900		
Phosphorus	P %	0.035 max.		
Sulphur	S %	0.035 max.		
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	415 min.
-	-	-	Yield Strength in Mpa	240 min
-	-	-	Elongation in %	5 min.
-	-	-	Reduction of Area in %	40 - 49
-	-	-	Hardness in HB	126 - 143
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
G10260	UNS	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
1026	SAE	USA	Steel
A 1040 1026	ASTM	USA	Steel
A 29 1026	ASTM	USA	Steel and Bar
A 510 1026	ASTM	USA	Wire Rod and Round Wire
A 512 Grade 1026	ASTM	USA	Tubing
A 513 Grade 1026	ASTM	USA	Tubing

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