

Material: SAE 1126

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 1126 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		
Carbon	C %	0.230 - 0.290
Manganese	Mn %	0.700 - 1.000
Phosphorus	P %	0.030 max.
Sulphur	S %	0.080 - 0.130
Lead	Pb %	0.150 - 0.350
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
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Heat Treatment
As Raw or Annealing or Normalizing or Hardening and Tempering

Mechanical Properties	
Tensile Strength in Mpa	440 min.
Yield Strength in Mpa	370 min.
Elongation in %	15 min.
Reduction of Area in %	40 min.
Hardness in HB	126 max.
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
G11260	UNS	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
1126	AISI	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
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