

Material: ASTM A 29 1526

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

Group: Ferrous Mild Steel Alloys

Sub Group: ASTM A 29 1526 Carbon Steel Compositions For Forging To Hot-Rolled And Cold-Finished Bar

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

Grade Belongs to the Industry: Bar

Chemical Composition			Heat Treatment	
Carbon	C %	0.220 - 0.290	As Raw or Annealing or Normalizing or Hardening and Tempering	
Manganese	Mn %	1.100 - 1.140		
Phosphorus	P %	0.040 max.		
Sulphur	S %	0.050 max.		
Boron	B %	0.0005 - 0.003		
Aluminium	Al %	0.020 max.		
Copper	Cu %	0.200 max.		
Niobium	Nb %	0.025 max.		
Silicon	Si %	0.100 max.		
Vanadium	V %	0.050 max.	Mechanical Properties	
Iron	Fe %	Balance	Tensile Strength in Mpa	-
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HB	262 max.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
G15260	UNS	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
1526	SAE	USA	Bar, Plate, Strip, Sheets and Tubing
1526	AISI	USA	Bar, Plate, Strip, Sheets and Tubing
A 510 1526	ASTM	USA	Steel
A 576 15L26	ASTM	USA	Steel and bar
-	-	-	-
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