

Material: AISI 1018

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

Group: Ferrous Mild Steel Alloys

Sub Group: AISI 1018 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*

Heat Treatment

Mechanical Properties	
Tensile Strength in Mpa	380 - 690
Yield Strength in Mpa	220 min.
Elongation in %	13 min.
Reduction of Area in %	35 min.
Hardness in HB	241 max.
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
G10180	UNS	USA	Bars, Wire Rods and Tubing
1018	SAE	USA	Steel
A 1040 1018	ASTM	USA	Steel
A 108 Grade 1018	ASTM	USA	Steel and Bar
A 29 1018	ASTM	USA	Steel and Bar
A 311 1018 Class A	ASTM	USA	Steel and Bar
A 510 1018	ASTM	USA	Wire Rod and Round Wire

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