

## Material: AISI 1017

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

## **Group: Ferrous Mild Steel Alloys**

### **Sub Group: AISI 1017 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	370 - 410
Yield Strength in Mpa	200 min.
Elongation in %	18 min.
Reduction of Area in %	40 - 50
Hardness in HB	105 - 116
Impact in Joule	-

## Cross Reference Table

Material	Standard	Country	Grade Belong to the Industry
G10170	UNS	USA	Bars, Wire Rods and Tubing
1017	SAE	USA	Steel and Bar
A 1040 1017	ASTM	USA	Steel
A 29 1017	ASTM	USA	Steel and Bar
A 29 M1017	ASTM	USA	Steel and Bar
A 510 1017	ASTM	USA	Wire Rod and Round Wire
A 513 Grade 1017	ASTM	USA	Tubing

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