

## Material: AISI 1095

## Standard Specification For Carbon Steel Compositions For Forging To Hot-Rolled Steel and Bar

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

**Sub Group: AISI 1095 Carbon Steel Compositions For Forging To Hot-Rolled Steel and Bar**

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

## Grade Belongs to the Industry: Steel and Bar

## Heat Treatment

Mechanical Properties	
Tensile Strength in Mpa	680 - 1379
Yield Strength in Mpa	460 min.
Elongation in %	10 min.
Reduction of Area in %	25 - 40
Hardness in HB	302 max.
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
G10950	UNS	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
1095	SAE	USA	Strip and Steel
A 1040 1095	ASTM	USA	Steel
A 108 Grade 1095	ASTM	USA	Steel and Bar
A 29 1095	ASTM	USA	Steel and Bar
A 510 1095	ASTM	USA	Wire Rods, Round Wire and Steel
A 576 10L95	ASTM	USA	Steel and Bar

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