

**Material:** ASTM A 108 Grade 1015

## Standard Specification for Steel Castings for General Engineering Purposes

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

**Sub Group: ASTM A 108 Grade 1015 Steel Castings for General Engineering Purposes**

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

### Grade Belongs to the Industry: *Casting*

## Heat Treatment

Mechanical Properties	
Tensile Strength in Mpa	310 - 655
Yield Strength in Mpa	190 min.
Elongation in %	5 min.
Reduction of Area in %	40 - 50
Hardness in BHN	241 max.
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
AW1	BS	British	Casting
1015	SAE	USA	Casting
1015	AISI	USA	Casting
A 1040 1015	ASTM	USA	Casting
A 29 1015	ASTM	USA	Casting
A 510 1015	ASTM	USA	Casting
A 512 Grade 1015	ASTM	USA	Casting

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