

## Material: GOST 15ch13L

### Standard Specification for Steel Castings Suitable for Pressure Service

**Group:** Ferrous Stainless Steel Alloys

**Sub Group:** GOST 15ch13L Steel Castings Suitable for Pressure Service

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

**Grade Belongs to the Industry:** Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.150 max.	Annealing or Hardening + Tempering	
Silicon	Si %	0.200 - 0.800		
Manganese	Mn %	0.300 - 0.800		
Phosphorus	P %	0.030 max.		
Sulphur	S %	0.025 max.		
Chromium	Cr %	12.000 - 14.000		
Iron	Fe %	Balance		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa 600 - 800 Yield Strength in Mpa 420 min. Elongation in % 18 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
410.0000	AISI	USA	Bar, Wire, Shapes and Forging
410 C 21	BS	British	Casting
5351	AMS	USA	Casting
385 G X 12 Cr 13	SFS	Finland	Casting
A217 CA 15	ASTM	USA	Casting
A487 CA 15	ASTM	USA	Casting
A743 CA 15	ASTM	USA	Casting

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