

## Material: STAS T 120 CrMn 130

### Standard Specification for Austenitic Manganese Steel Casting

**Group:** Ferrous Austenitic Manganese Steel Alloy

**Sub Group:** STAS T 120 CrMn 130 Austenitic Manganese Steel Casting

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

**Grade Belongs to the Industry:** Casting

Chemical Composition			Heat Treatment	
Carbon	C %	1.050 - 1.350	Annealing or Normalizing or Hardening + Tempering	
Silicon	Si %	1.000 max.		
Manganese	Mn %	11.500 - 14.000		
Phosphorus	P %	0.070 max.		
Sulphur	S %	0.050 max.		
Chromium	Cr %	1.500 - 2.500		
Iron	Fe %	Balance		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa - Yield Strength in Mpa - Elongation in % - Reduction of Area in % - Hardness in BHN - Impact in Joule -	
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-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
J91309	UNS	USA	Casting
A128 Grade C	ASTM	USA	Casting
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Customer Care: +91-99090 45075 Email: [info@icastllp.com](mailto:info@icastllp.com)