

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		
Carbon	C %	1.050 - 1.350
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
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Annealing or Normalizing or Hardening + Tempering

Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

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



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India