

Material: STAS T 100 NiMn 130

Standard Specification for Steel Castings, Austenitic Manganese

Group: Ferrous Austenitic Manganese Steel Alloy

Sub Group: STAS T 100 NiMn 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 %	0.700 - 1.300	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.		
Nickel	Ni %	3.000 - 4.000		
Iron	Fe %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa - Yield Strength in Mpa - Elongation in % - 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
J91459	UNS	USA	Casting
A128 Grade D	ASTM	USA	Casting
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