

Material: UNS J91109

Standard Specification for Austenitic Manganese Steel Casting

Group: Ferrous Austenitic Manganese Steel Alloy

Sub Group: UNS J91109 Austenitic Manganese Steel Casting

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	880 min.
Yield Strength in Mpa	315 min.
Elongation in %	40 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
BW10	BS	British	Casting
X 120 Mn 12	DIN	Germany	Steel
110G13L	GOST	Russia	Casting
SCMnH 1	JIS	Japan	Casting
G X 120 Mn 12	UNI	Italy	Casting
Z 120 M 12	AFNOR NF	France	Steel
A128 Grade A	ASTM	USA	Casting

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