

Material-ASTMA128Grade F

StandardSpecificationforSteelCastings,AusteniticManganese

Group-Ferrous AusteniticManganeseSteelAlloy

SubGroup-ASTMA128/A128MSteelCastings,AusteniticManganese

Application - Intendedfor Valve, Pump, General Engineering,Automotive and Other Industries Grade

Belongs to the Industry - Casting

ChemicalComposition			Heat Treatment	
Carbon	C %	1.050-1.350	NormalisingorAnnealingorHardening+Tempering	
Silicon	Si %	1.000 max.		
Manganese	Mn %	6.000- 8.000		
Phosphorus	P%	0.070 max.		
Molybdenum	Mo %	0.900- 1.200		
Iron	Fe%	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			TensileStrengthinMpa	-
			YieldStrengthinMpa	-
			Elongationin%	-
			Reductionof Areain %	-
			HardnessinBHN	-
			Impactin Joule	-

CrossReference Table			
Material	Standard	Country	GradeBelongtotheIndustry
J91340	UNS	USA	Casting
AF-Mn-F	NBR	Brazil	Casting
ClassF	NMX	Maxico	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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