

Material: AFNOR NF Z3CNUD26.5M

Standard Specification for Alloy Steel Casting

Group: Ferrous Stainless Steel Alloys

Sub Group: AFNOR NF Z3CNUD26.5M Alloy 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 %	0.050 max.	Solution Annealing	
Silicon	Si %	1.500 max.		
Manganese	Mn %	2.000 max.		
Chromium	Cr %	25.000 - 27.000		
Molybdenum	Mo %	1.500 - 2.500		
Nickel	Ni %	4.500 - 6.000		
Copper	Cu %	2.500 - 3.500		
Iron	Fe %	Balance		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	690 min.
-	-	-	Yield Strength in Mpa	485 min.
-	-	-	Elongation in %	16 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
A240 S32205	ASTM	USA	Plate, Sheet and Strip
A276 S32205	ASTM	USA	Bar and Shapes
A988 S32205	ASTM	USA	Casting
J92205	UNS	USA	Casting
J93372	UNS	USA	Casting
A995 1B	ASTM	USA	Casting
A890 1B	ASTM	USA	Casting

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