Material - AS 2074/H5AM

Standard Specification for Steel Castings for General Engineering Purposes

Group - Ferrous Stainless Steel Alloys
Sub Group - AS 2074/H5AM Steel Castings for General Engineering Purposes
Application - Intended for Valve, Pump, General Engineering, Automotive and Other Industries
Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.080 max.	As Cast or Annealing or Normalizing or Hardening and Tempering	
Silicon	Si %	1.500 max.		
Manganese	Mn %	2.000 max.		
Phosphorus	P %	0.040 max.		
Sulphur	S %	0.040 max.		
Chromium	Cr %	17.000 - 21.000		
Nickel	Ni %	8.000 min.		
Iron	Fe %	Balance		
-	-	-	**Mechanical Properties**	
-	-	-	Tensile Strength in Mpa	480 min.
-	-	-	Yield Strength in Mpa	200 min.
-	-	-	Elongation in %	20 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
304C15	BS	British	Casting
304C15LT196	BS	British	Casting
2074/H5A	AS	Australia	Casting
Z 6 CN 18-10 M	AFNOR NF	France	Casting
1.4308	NBN	Belgium	Casting
1.4308	SFS	Finland	Casting
1.4308	DIN	Germany	Casting

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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