

Material: IS 304 Grade HTB 1

Standard Specification for High Tensile Brass Ingots and Castings

Group: Non-Ferrous Copper Alloy

Sub Group: IS 304 High Tensile Brass Ingots and Castings

Application: Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade

Belongs to the Industry: Ingot and Casting

Chemical Composition		
Lead	Pb %	0.500 max.
Tin	Sn %	1.000 max.
Silicon	Si %	0.100 max.
Iron	Fe %	0.700 - 2.000
Aluminium	Al %	0.500 - 2.500
Manganese	Mn %	3.000 max.
Other	Ot%	0.200 max.
Cu + Ni	Cu%+Ni%	55.000 min
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	470 min.
Yield Strength in Mpa	-
Elongation in %	18 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 **Email:** info@icastllp.com



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India