

High Tensile Brass Hollow Rods

- IS 320 HT1 or HT2
- BS 2874 CZ114 or CZ115
- JIS 3250H C6782 or C6783



Chemical Requirements		HT1		HT2	
Copper		56.0 - 60.0%		56.0 - 61.0%	
Lead		0.20 to 1.50%		0.50 to 1.50%	
Iron		0.20 to 1.25%		0.20 to 1.50%	
Tin		0.20 to 1.0%		1.0% max	
Aluminum		0.2% max		0.30 to 2%	
Manganese		0.25 - 2.0%		0.50-2.0%	
Total Imp.		0.50% max		0.50% max	
Zinc		Remainder		Remainder	
Physical Properties					
Condition	Size	T.S. MPa	EL% Min	T.S. MPa	EL% Min
As manufactured	All Size	430 min	20%	460 min	20%
Cold-worked & Stress	10-40	480 min	12%	520 min	12%
Relieved	40 above			500 min	15%
Fabrication Properties					
Capacity for being					
Cold formed		Poor		Fair	
Hot worked		Good		Good	
Machinability Rating		30%		30%	
Resistance to Corrosion		Excellent		Excellent	
Suitability for soldering		Excellent		Fair	
Uses					

HT1 is suitable for Soldering
Ht2 is suitable for Machining

Regd. Office & Plant

Plot No. 6 & 7, Village: Lakhabaval, Post: Khodiyar Colony, Jamnagar - 361006.

Tel.: +91-288-2889251 / 52, Fax: +91-288-2889223, Cell: +91-9924443396

Email: info@metalalloyscorp.com • web: www.metalalloyscorp.com

World Class Sourcing Solution for Copper & Copper Alloys Products