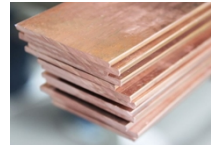




## Advanced Material & Metal Compounds

### □ Tellurium Copper Alloy

**Tellurium Copper Alloy**, Being superior cutting performance and good arc-resistance performance, higher electric conductivity, and anti-corrosiveness, is mainly used for welding (hydrogen cutting, acetylene cutting and argon-arc welding tool), chemical industry and mineral machinery, automobile carburetor nozzle, storage battery head and air conditioning connector, valve manufacturing fields.



No.	Item	Standard Specification				
		Te	Re	P	Cu	
1	Grade					
2	Te-Cu	0.2-0.35%	0.03-0.05%	-	balance	
3	Te-P-Cu	0.4-0.70%	-	0.004-0.012%	balance	
4	Hardness	H04, H02, O60				
	Tensile Strength	265 Mpa Min				
	Elongation	8% Min				
	Electrical Conductivity	90% IACS Min				
5	Machinability Rate	90 Min(based on HPb 63-3(C36000))				
		Size				
6	TE-Cu Standard	U.S.A.	CHINA	JAPAN	GERMANY	U.K.
		ASTM-C14500	GB-QTe0.5	JIS-C1450	DIN-CuTeP	BS-C109
7	Packing	In plywood case				

### □ Free-Cutting Lead-Free Non-Magnetic Brass

**Free-Cutting Lead-Free Non-Magnetic Brass**, is of great magnetic resistance, free-cutting. The lead content is below 0.1%, conforming to the RoHS and WEEE requirement. It can meet the requirement of California AB1953 case of non-ferrous. It can be used in medical equipment, IT communicating parts, Electrical and electronic connectors, valve, switch, water purification unit etc.



No.	Item	Standard Specification					
		Chemical Composition PCT Max each					
1	Grade	Cu+Ag	Bi	Ti	Pb	Cd/As	Zn
2	HBi60-1	58.5-61.5	0.45-0.65	0.01-0.015	0.1	0.01	balance
3	HBi60-2	58.5-61.5	0.70-0.95	0.01-0.015	0.1	0.01	balance
4	HBi60-3	58.5-61.5	1.00-1.25	0.01-0.015	0.1	0.01	balance
5	Size	D (5-60) mm× (500-5000) mm					
6	Packing	In carton box or plywood case					

✉ E2-1-1011 Global Center, No.1700  
Tianfu Avenue North, Chengdu 610041, China

☎ Tel+28 8518 7251/7252/7253

Fax+28 8518 4110