Copper

Pure Copper

Alloys, international standards*, and examples of use



Production method: drawn, extruded, rolled, forged.

Cu-ETP 423001 CW004A 2.0065/E-Cu 58 C11000 C101 M1E Electrical copper. Refined copper (oxygen-containing copper.) Common electrical purposes. Special measures to prevent hydrogen embrittlement when heat-to prevent hydrogen	re required eating,
atmosphere.	oncaining
Cu-DHP 423004 CW024A 2.0090/SF-Cu C12200 C106 M2R Low-oxygen copper, well formable, well weldable. It is used in the chemical, food, and refrigeration Pressure vessels, hot water tanks, air conditioni roofing.	industries. g systems,
Cu-OF423000CW008A2.0040/OF-CuC10200C103Deoxidized (oxygen-free) copper, excellent resistance to atmospheric and seawater corrosion. Not resistant to oxi- dizing acids or moist ammonia. Excellent weldability with all hot and cold technologies in the annealed condition.For demanding applications in vacuum technologies	y and
Cu-PHC CW020A 2.0070/SE-Cu 58 C10300 C103 Deoxidized copper. Characterized by high conductivity Busbars, electrical conductors, clad products, cond products, conductors,	nnectors,
Cu-HCP CW021A 2.0070/SE-Cu 57 C10300 It is characterized by high conductivity (electrical copper). Pressure vessels, preform tubes, high-frequency Good weldability and solderability. It can be heat-treated, welded, and soldered without the need for special measure to prevent hydrogen embrittlement. Pressure vessels, preform tubes, high-frequency	cables, Igitudinally
Cu-OFE CW009A 2.0040/Cu-OFE C10100 C110 High-purity oxygen-free copper that does not contain elements prone to evaporation in a vacuum environment. It is electrically conductive and performs exceptionally well under hot and cold forming. Cu-OFE is corrosion-resistant, particularly against atmospheric influences and water. Electrical engineering, vacuum technology, and elements prone to evaporation in a vacuum environment. It is electrically conductive and performs exceptionally well under hot and cold forming. Cu-OFE is corrosion-resistant, particularly against atmospheric influences and water. Electrical engineering, vacuum technology, and elements prone to evaporation in a vacuum environment. It is electrically conductive and performs exceptionally well under hot and cold forming. Cu-OFE is corrosion-resistant, particularly against atmospheric influences and water. Electrical engineering, vacuum technology, and elements prone to evaporation in a vacuum environment. It is electrically conductive and performs exceptionally well Electrical engineering, vacuum technology, and elements prone to evaporation in a vacuum environment. It is electrically conductive and performs exceptionally well Electrical engineering, vacuum technology, and elements prone to evaporation in a vacuum environment. It is electrically conductive and performs exceptionally well	igh-fre-
Cu-DLPCW023A2.0076/SW-CuC12000Cu-DLP is deoxidized oxygen-free copper with a low residual phosphorus content. It combines excellent formability with good bonding properties. Due to its low phosphorus con- tent, conductivity is reduced but remains higher than that of Cu-DHP and Cu-HCP.Architecture, roofing, instrumentation, electrical nents, cladding strips, wires, heat exchangers, in air conditioning systems, heat exchangers, air, heat 	compo- ansistors, rdraulic,

50	ČSN/STN	EN	DIN	UNS	BS	PN	Properties	Application:
Cu-FRHC		CW005A						
CuAg0,04		CW011A						
CuAg0,07		CW0154						
CuAg0,10		CW013A						
CuAg0,04P		CW014A						
CuAg0,07P		CW015A						
CuAg0,10P		CW016A						
CuAg0,04(0F)		CW017A						
CuAg0,07(OF)		CW018A						
CuAg0,10(OF)		CW019A						

* The listed standards are equivalent but may not be identical and may vary.

