



Amazing solutions.

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EBCHR cooling bed



Electrode Holder



SAF Contact shoes
Pressure ring



Crystallizer & crucible



Copper Chute



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Cold hearth, copper cooling bed and overflow clip for Furnace EB-CHM, EBCHR, PACHM-HZC successfully produced the copper cold hearth core parts of ALD EBCHR furnace, and optimized design of water channels. HZC produced the cooling bed and overflow clip by forging and machining process. Material is pure copper 99.9% from Chinalco Luoyang Copper Co., Ltd.

The cold hearth is mainly used for EBCHR, EBCHM, PACHM Furnace to remelting and refining refractory and reactive metals and alloys.



EB furnace cold hearth and overflow clip



EB cold hearth cooling bed



EBCHR furnace cooling bed and overflow lip Installation and commissioning



Water cooled copper molds and dovetail groove of furnace EBCHR, EHCHM, PACHM



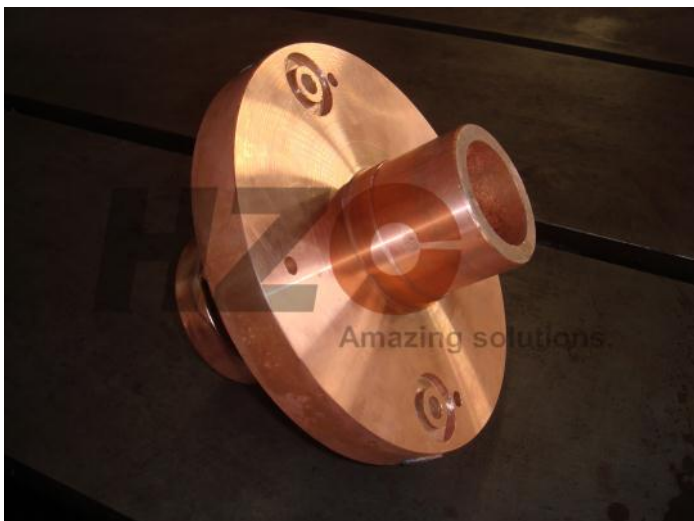
EB furnace water cooled molds



Dovetail groove of molds EB Furnace

EB furnace is mainly employed for the production of refractory and reactive metals (tantalum, niobium, molybdenum, tungsten, vanadium, hafnium, zirconium, titanium) and their alloys.

Pressure platform of electron gun EB Furnace EBCHR, EBCHM



EB Pressure platform of electronic gun