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Titanium Copper Composite Bar Production Process

Our company production of Titanium Copper Composite Bar implement national standards GB/T12769-2003, production technology extrusion and hot rolling technology process.

Extrusion process: put the base material copper bar and the composite material titanium tube set together , after extrusion process, make the copper bar and the titanium tube preliminary composite together , formation of titanium copper billet material.

Hot rolling process technology: put the titanium copper billet material into the hole pattern rolling mill, hot rolled into required size, make the titanium and copper reach the certain composite strength. Then straightening, surface treatment processes such as, eventually become a finished product.

Detection means for titanium copper composite bar: Ultrasonic flaw detection, inspection titanium copper composite bar joint. Penetration testing, inspection titanium copper composite bar welding conditions.