

The invention relates to metallurgy. A method includes pressing powder, sintering and welding the fillets, plastic deformation of bars with intermediate annealing and drawing of wire up to the assigned diameter. Welding of fillets is carried out by thermocyclic working at temperature of 0.30-0.95 of melting point of tungsten, duration of thermal cycle is 120-300 s and quantity of thermal cycles equals to 10-25.