

SUNKKO spot welder accessories, fixed big spot-welding pin

Brand: SUNKKO

Length of needle body: 3.5cm

Needle body diameter: 3mm

Diameter of needle: 1.5mm

Material: Aluminum oxide copper

Image:



Main performance:

- 1) Hardness > 83 HRB
- 2) Electrical conductivity > 85% IACS
- 3) Softening temperature: 900°C
- 4) Diffusively hardened CuAl₂O₃ composite material, which has high strength, high hardness, high conductivity and high softening temperature.
- 5) In the United States, Japan and other countries has been widely used in large microwave tube structure and conductive materials, switch, silver contact and spot-welding electrodes, etc., the production of materials through the Cu-Al alloy internal oxidation - isostatic pressing embryo - sintering - hot extrusion - drawing - processing and molding process production. It has good thermal stability, good plasticity and machining performance.
- 6) Resistance welding electrode galvanized steel superior corrosion resistance in the field of more and more widely used, but it also brings new topics for resistance welding technology, how to avoid in the process of welding due to the melting of the zinc layer and solder joint yellow, virtual welding, and zinc electrode stick and led to a decline in the quality of the product, the problem of low efficiency has become increasingly urgent. Dispersion aluminum-copper alloy is undoubtedly the most ideal

material, welding coating for steel plate, nickel plate and so on, it has the superior welding resistance and arc burn resistance, thus improve the life of the electrode and reducing electrode dressing frequency, disrupted welding and virtual welding may be reduced to a minimum, especially suitable for mobile phone battery production welding of pure nickel belt, permeability of nickel sheet steel, etc.

7) Lead frame materials and electronic packaging materials with the development and progress of the electronic industry, the lead materials of large-scale integrated circuits and other electronic components are increasingly demanding. The high temperature and rigidity of the dispersion strengthened copper alloy will gradually replace the traditional Fe-Ni alloy materials.

Application: Suitable for spot welding of nickel strip, nickel-permeated steel sheet, coated steel strip and other materials in battery production. In the production of NICKEL METAL HYDRIDE battery, nickel CADMIUM battery, polymer battery, lithium battery and other batteries, spot welding connecting piece, cell, lead piece.

Main welding advantages:

1. Avoid sticking electrodes.
2. The welding part is not yellow, and the solder joint is beautiful.
3. Avoid welding defects.
4. Prevent welding sparks.
5. Excellent electrical and thermal conductivity.
6. Good high temperature performance.
7. Meet SGS environmental standards and MSDS standards.