

Model SW 280

Description: alloy for welding steels that are difficult to solder, alloys, nickel, inconel, Nimonic and Hastelloy alloys and steel at high temperatures.

Applications: cement furnaces, heat treatment equipment, cement works, chemical industry containers, trees, injection moulds, running gear rings, high temperature tools and refractory stainless steel.

Features:

- Breakage load: 700-750N/mm² (70-75kg/mm²).
- Elastic limit: 450-500N/mm² (45-50kg/mm²).
- Stretching: L=5d 45%.
- Hardness: 200Hb.

Welding current: direct electrode(+).

Welding intensity: diameter 2.5 > 50-80A/ 3.25 > 80-110A/ 4.0 > 100-140A / 5.0 > 130-160A.

Welding positions: all positions.