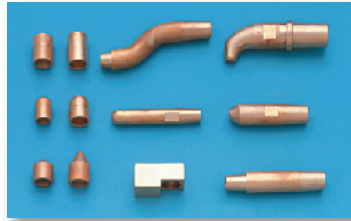


Electrodes Materials



MCZ materials have excellent heat conductivity in a temperature range from 400 to 600°C. They have also superior mechanical strength; they are suitable for use for spot welder tips.

NBC materials have high-temperature strength, which means they will have minimal deformation when used as electrodes. They are suitable for use for seam welding and flash butt welding.

Standard Specification

Product name	Composition [wt%]	Electric conductivity IACS% (at25°C)	Hardness [HV]	Applications
MCZ	Cr0.6, Zr0.2, CuBal.	78	150	Electrodes for resistance welding, especially for spot welding chips
NBC	Ni 1.5, Be0.3, CuBal.	55	230	Electrodes for resistance welding, especially for seam welding and flash butt welding