

Spark Plug Characteristics

Terminal

Ceramic insulator

- The five rib design is used throughout the surface
- This reduces voltage loss and prevents missed sparks
- High-purity alumina is used
- Good electrical insulation, durability and thermal conductivity
- Chemically stable

Ring

Special copper-glass seal

- Air tightness, durability and thermal conductivity are good.

Housing

- A highly corrosion resistant nickel plating

Electrical heat seal

- Heat resistance, gives good hermeticity and low variation in heat range.

Resistor

- With a 5 Ω resistance, reduces radio noise.

Packing

Copper cored center electrode

- Compared to other manufacturers there is more copper with better thermal properties.
- From low to high speeds, a strong steady spark.

Center electrode

- DENSO's iridium plugs have the world's smallest 0,4mm diameter center electrode (as of May 2004)

Ground electrode

- Available with U-groove which gives a more complete combustion
- Taper cut results in a steady ignition.

Spark gap

