

CVD Coated Pins and Sleeves

Being very familiar with the high variability in the factors around projection welding applications, Huys offers our own ceramic coated pin options to customers for those applications that require the pin to be insulated.

Compared to full ceramic pins, coated pins are usually cheaper, but have a slightly shorter life. These pins are by far the most popular, as they give customers more flexibility in finding the right balance between cost and pin life.



CVD Coated Pins:

These are D2 steel pins layered with a very hard ceramic coating using a process called chemical vapour deposition.

- Excellent Electrical Insulation to prevent arcing and shorting
- High anti-abrasive capacity to combat wear and tear
- Anti-oxidation capability at high temperatures
- Superb resistance to Thermal Shock

Standard pin sizes are typically in stock, and custom designs can be quoted with a print or sample.

