HOLEPOP
EDM SUPPLIES & ELECTRODES

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Accessories Specifications

Keyed Chucks

Keyed chucks achieve a tighter electrode grip. Chucks are available from Yukiwa and Albrecht. Chucks have a stable run-out accuracy, high gripping torque, and high durability. Available in threaded and Jacobs taper mountings.

Materials: steel and stainless steel
Chucks with through holes available.
Capacities from 0.2 mm / .008” to 7.4 mm / .291”

Keyless Chucks

Keyless chucks have a fast tool changing speed. Chucks are available from Yukiwa and Albrecht. Keyless chucks feature efficient automatic clamping and high durability. Available in threaded and Jacobs taper mountings.

Materials: steel and stainless steel
All keyless chucks have through holes.
Capacities from 0.2 mm / .008” to 10 mm / .394”

ER Collet Chucks

ER collet chucks feature a unique tightening mechanism to provide a tighter grip. Instead of using three teeth to grip an electrode, a collet chuck grips an electrode across its entire circumference, resulting in a more stable drilling apparatus. Tightening is accomplished by an external sleeve, which fits the chuck exterior precisely. This results in a more reliable grip that maintains its tightness.

ER collet chucks are available from 1 mm to 3 mm

Dielectric Fluid

All oils have a high dielectric strength, negligible odor and evaporation rate, and clear color.

EDM 3001 Lite—A synthetic fluid. Best performance of the three.
Viscosity SUS@100°/77°F (37.8°/25°C): 35/38
Flash Point: 245°F (118.3°C)

Clear-3—A blend of synthetic and petroleum-based fluids.
Viscosity SUS@100°/77°F (37.8°/25°C): 33.8/36.2
Flash Point: 235°F (112.8°C)

EDM 3033—A petroleum-based fluid.
Viscosity SUS@100°/77°F (37.8°/25°C): 33.6/34.8
Flash Point: 225°F (107.2°C)

Chuck Adaptors

Male and female chuck adaptors available. Adaptors feature Jacobs tapers and provide a snug fit to maintain accuracy in drilling. Our chuck adaptors also have through holes with clearance up to 6 mm. Our adaptors give you the flexibility to choose whichever chuck suits your electrodes, not your machine.