



HOLEPOP

EDM SUPPLIES & ELECTRODES

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Guide Specifications

Silicon Nitride

Superior for applications requiring customization or long production runs.

- Longer internal guiding surface area increases electrode stability.
- Reduced friction from low porosity and rectangular or triangular guiding surface profile.
- Three or four point contact creates channels for eroded material.
- Increased resistance to thermal shock/expansion and low electrical conductivity.
- Lifespan 5 to 10 times longer than conventional ceramic.

Agie-Charmilles

Guides for Agie-Charmilles/AgieDrill EDM drilling machines come in a set, including a guide, collet, retaining clip, compression sleeve, and rubber grommets.

- Internal diameter is customizable.
- Durable, synthetic ruby guiding surface.
- Collets may be ordered in brass or stainless steel.

Current RT/CT

Our guides can be manufactured to fit all Current EDM small hole drilling machines, including the Current EDM CT Series and Current EDM RT Series, some of the most popular in machining. These are available with conventional ceramic or silicon nitride guiding surfaces. Exclusive to Holepop, our silicon nitride guides combine the endurance and quality of the state-of-the-art ceramic with the performance of your RT or CT Series machine.

Ceramic

Provides adequate guiding capability in standard and custom sizes.

- Fast turnaround and multiple size availability reduce lead times.
- Stainless steel belted body ensures proper alignment.
- More economical for small production yields and changing applications.
- Fitting of guides to electrodes is tested prior to shipping.

Customization



Silicon nitride guides are fully customizable. Do not hesitate to inquire about a modification that may improve guide performance. The following guide characteristics are customizable and can be manufactured to print.

Customizable Dimensions

- Tip taper
- Overall length
- Body length and diameter
- Collar length and diameter
- Set screw length and diameter
- Tip cut-out
- Hypodermic extension
- Flange
- Guiding surface length
- Inner diameter
- Guide clearance

