



Silicon Nitride EDM Drilling Guides

Si_3N_4

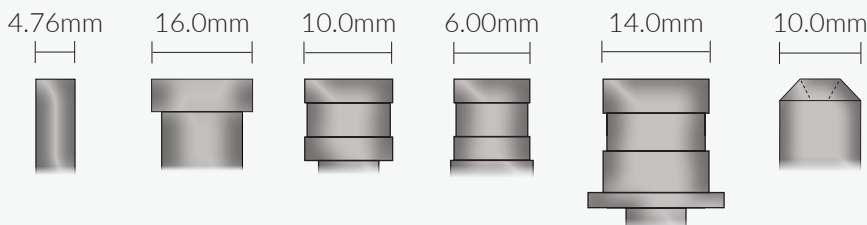
Customizable Features

Custom guides allow EDM machines to reach inaccessible areas

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

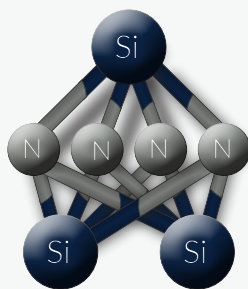
OEM Style Holders

Our EDM guides are produced to fit any OEM machine specifications

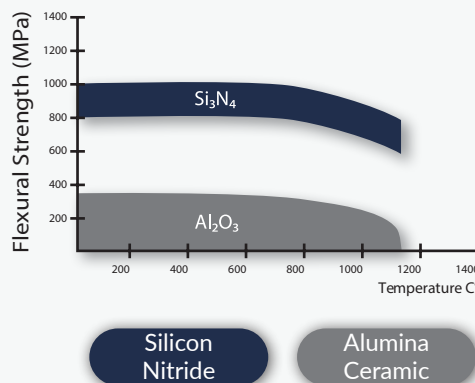


Why Silicon Nitride?

- Extended guide life
- Decreased cycle time
- Higher part yield
- Thermal shock resistance
- Tight tolerance
- Engineered to last longer than conventional ceramic guides



Silicon Nitride vs. Alumina Ceramic



Hypo Extensions

Guide bodies can be equipped with hypodermic extensions

Tip Options

Blunt tips

Tapered tips

Ground tips



Custom hypodermic diameters and length

Body

Customizable body diameters
Taper or drop down edge.

3-point



(0.10mm-1.00mm)

4-point



(1.00mm-10.0mm)

Non-circular contacts allow for better flushing of carbon debris

