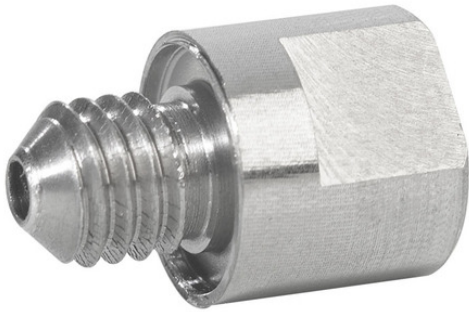




## Precision Jeweled Orifice Fittings

### M-FO-003-M



With tolerances of  $\pm 0.0001$ " (0.0025 mm), Clippard's precision orifice fittings are engineered for applications where minute flow adjustments are critical. Whether optimizing fuel injection in aerospace applications or fine-tuning fluid dynamics in industrial processes, or ensuring precise dosages in medical, analytical, and life science applications, these meticulously manufactured orifice fittings enable you to achieve the ultra-precise flow control your systems demand.

|                                    |                                                   |
|------------------------------------|---------------------------------------------------|
| <b>Data Sheet</b>                  | <a href="#">Data Sheet</a> (includes 2D drawings) |
| <b>Filtration</b>                  | 5 micron (recommended)                            |
| <b>Included Items</b>              | Captivated O-Ring                                 |
| <b>Length</b>                      | 0.487"                                            |
| <b>Material, Jewel</b>             | Sapphire                                          |
| <b>Material, Wetted</b>            | Stainless Steel, FKM and Ruby or Sapphire         |
| <b>Max PSI</b>                     | 300 psig                                          |
| <b>Medium</b>                      | Air, Liquid & Compatible Gases                    |
| <b>Mount</b>                       | #10-32 (M5) Female In/Male Out                    |
| <b>Operating Temperature Range</b> | -20 to 400°F (-29 to 204°C)                       |
| <b>Orifice</b>                     | 0.003" (0.08 mm)                                  |
| <b>Product Line Brochure</b>       | <a href="#">Spider Technology</a>                 |
| <b>Thread</b>                      | M5                                                |
| <b>Tolerance</b>                   | $\pm 0.0001$ " (0.0025 mm)                        |
| <b>Unit</b>                        | Metric                                            |

