

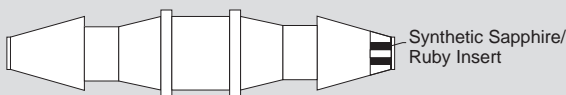
PRECISION ORIFICE KITS

As technology demands precision and smaller tolerances, engineers are turning to Bird Precision orifices. Bird Precision offers laser drilled, wire lapped orifices that are burr-free, extremely round and sharp-edged. Bird Precision's synthetic sapphire or ruby orifices feature zero porosity, high temperature tolerance and wear resistance, and are almost chemically inert. Bird Precision orifices exhibit highly repeatable flows from .5cc/min and offer the industry paradigm for strength and dependability. Bird Precision orifices are available in standard hole sizes ranging from .00029" to .081", with or without stainless steel micro screen filtration, in many standard design sizes.

Please contact a knowledgeable Bird Sales Representative at (800) 454-7369 with any questions you might have or to inquire about having Bird Precision design a custom fitting to your specifications.

For more information, visit our website at www.birdprecision.com.

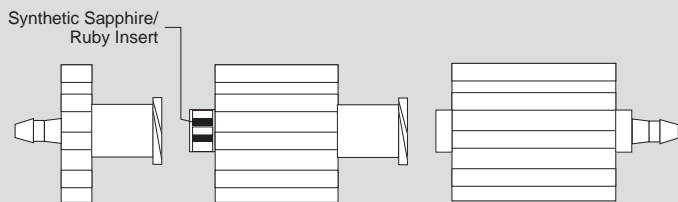
In-Line Connector Orifice



In-Line Connectors

Our one-piece-in-line connectors are quickly and easily inserted in flow lines for repeatable and accurate flows. In-line connectors are available in seven different orifice sizes (included in our test kit) and are color coded for your convenience. Other sizes are available. If you need a size other than 1/8" barb, please call our sales department at (800) 454-7369 for pricing.

Quick Disconnect Orifices



Quick Disconnect Orifices

Quick disconnect orifice components allow for easy interchange of orifice sizes. Quick disconnect components utilize male luer to female luer connectors. The female luer has a heavy duty thread at the luer connection to reduce wear. The male luer includes an integral locking system. Seven different orifice sizes are available (included in our test kit) and are color coded for your convenience. Other sizes are available.

- Both the In-Line and Quick Disconnect Orifices can be made available with most standard barb sizes.

Special Applications

Special applications such as threaded 10-32, 1/8"-27, "T", "Y", or other types of connectors can be made available. Call our sales office for technical assistance and pricing.

Filtration


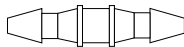


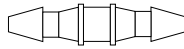
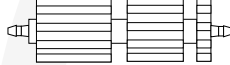

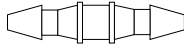
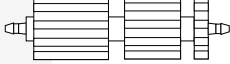

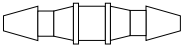
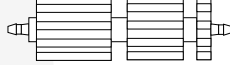

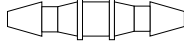



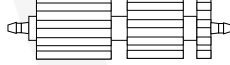



Micro screen filtration can be easily included using stainless steel wire mesh which allows for maximum open area with negligible pressure drops for various micron ratings.

PRECISION ORIFICE KITS

BIRD PRECISION has specially packaged a commonly used range of "Quick Disconnect" and "In-Line Connector" orifices in a 7-piece test kit. Each size is color coded for easy identification.

The kit enables design and value analysis engineers to determine the suitability of Bird Precision products for manufacturing use.

Precision Orifice Tool Kit

Size	Orifice	In-Line	Quick Disconnect	Color
.002"				White
.004"				Yellow
.006"				Orange
.008"				Red
.010"				Black
.012"				Blue
.016"				Green

Not drawn to scale

The Precision Orifice Test Kit offers an effective and economical introduction to Bird Precision's quality products.