MANUFACTURING

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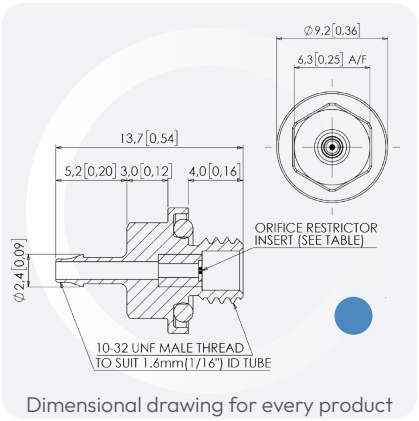
EBF Orifice Restrictors

Medical grade ruby orifices offering exceptional durability









Dimensional drawing for every product

Orifice Restrictor Product Features

- **Size:** 1/16", 3/32" & 1/8" to 10-32 UNF
- **Connection:** Barb to Thread
- **Material:** Brass, Stainless Steel & Nickel Plated Brass
- **Seal:** Viton, EPDM, Nitrile & Silicone
- Standard and easy barb options
- Medical grade ruby orifice
- Specially engineered groove enhances O-ring fit
- Ultrasonic cleaning
- Passivated surface finishes
- Lubrication option
- Packaging request

Orifice Restrictors at a Glance

A medical orifice restrictor is used to control the flow of fluids by introducing a constriction in the flow path, which results in a pressure drop and flow restriction. It is commonly used in medical devices to ensure high levels of reliability and meet hygienic standards.

Applications:

- Analgesia equipment
- Anesthesia equipment
- Diagnostic equipment
- Gas control equipment

Why Choose our Orifice restrictors?

Our orifice restrictors offer high quality ruby orifices and are incorporated into our EBF fitting bodies, they are available in 0.004" to 0.018".

These orifices are crafted from premium materials - 316 Stainless Steel, Nickel Plated Brass or Plain Brass offering exceptional durability.

Thes bodies can be used to incorporate a filter or use as a fitting.

Customisable on request.

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Orifice Restrictor Part Numbering

Prefix	Inlet Connector		Outlet Connector		Orifice		Body		Seal	
	Size	Description	Size	Description	Size	Description	Material	Description	Material	Description
	(a)		(b)		(c)		(d)		(e)	
E-O	-2B -3B -4B	1/16" Barb 3/32" Barb 1/8" Barb	-1U	10-32 UNF	-4 -5 -6 -7 -10 -14 -18	0.004 0.005 0.006 0.007 0.0010 0.0014 0.0018	-316 -PB -ENP	Stainless Steel 316 Brass (Plain) Nickel Plated Brass	-E -N -S -V	EPDM Buna-N Silicone Viton
	-2EB -3EB -4EB	1/16" Easy Barb 3/32" Easy Barb 1/8" Barb								

Example

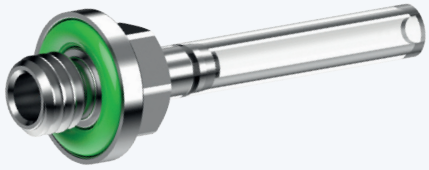
E-O-4EB1U-4-316-V

Inlet	Outlet	Orifice Size	Body Material	Seal
(a) 1/8" Easy Barb	(b) 10-32 UNF	(c) 0.0004"	(d) Stainless Steel 316	(e) Viton

Find the perfect match between fitting & tube

The innovative Standard Barb design is optimised to facilitate manual insertion into softer tubing and is sign posted with blue dot tubing compatibility. We also offer an Easy Barb design which is sign posted with green dot tubing compatibility for applications using harder tube.

The Standard Barb range is recommended for our **blue dot** tubing range 50 to 85 Shore A.



The Easy Barb range is recommended for our **green dot** tubing range 90 to 95 Shore A.

Need a Custom Component for your Application?

If you can't find what you're looking for, our team is here to help. A wide range of additional options and configurations are available on request - MOQs apply.

- Build your own EBF orifice
- Material & surface finish
- Add laser marking - logo or batch Identification

Scan the QR code to get started.