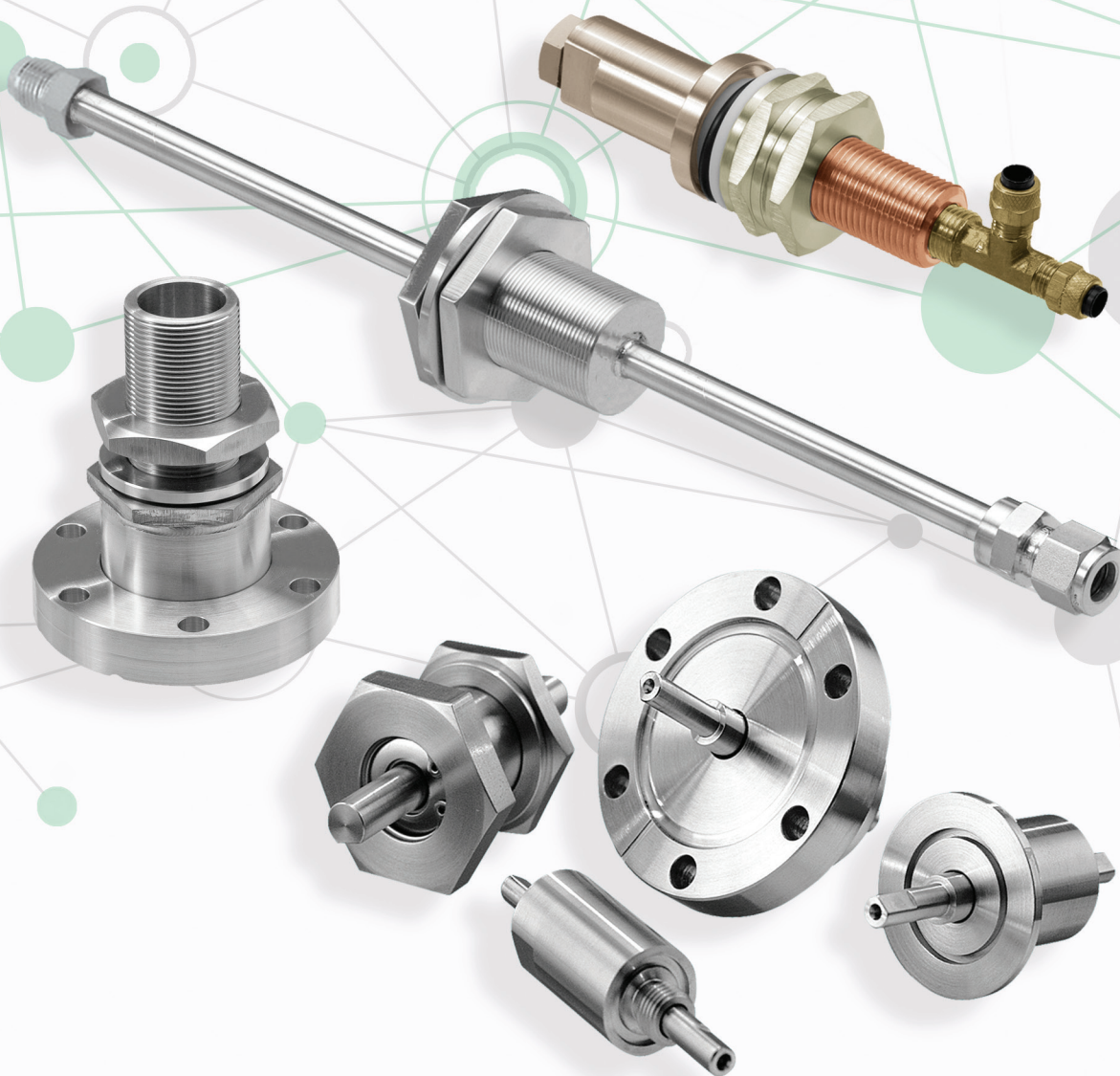


Vacuum Feedthroughs

6

Vacuum Feedthroughs



Vacuum Feedthroughs Introduction6.03

- Electrical Feedthroughs6.04
- Rotary Motion Feedthrough – Elastomer Sealed6.05
- Rotary Motion Feedthrough – Ferro-Sealed Introduction6.06
- Rotary Motion Feedthrough – Ferro-Sealed Baseplate Connection6.07
- Rotary Motion Feedthrough – Ferro-Sealed ISO-QF Connection6.08
- Rotary Motion Feedthrough – Ferro-Sealed CF Connection6.09
- Non-Cryogenic Fluid and Gas Feedthrough6.10 - 6.11
- Cryogenic Fluid Feedthrough6.12 - 6.13

General Feedthroughs6.14 - 6.16

- Baseplate to CF Flange Transition Feedthrough6.14
- Baseplate to ISO-QF Flange Transition Feedthrough6.14
- Baseplate to Female NPT Transition Feedthrough6.15
- Baseplate to Quick Disconnect Transition Feedthrough6.15
- Baseplate Blank Plug Feedthrough6.16

Vacuum FEEDTHROUGHS

6

Vacuum Feedthroughs



This section is made up of a wide variety of products that allow you to transfer fluid, gas, electricity or motion into your system without compromising hermetic integrity.

Overview

The **ANCORP** electrical feedthrough line is used to transfer low voltage (50 volts max.), high current electrical power into a vacuum atmosphere. Our feedthrough features one-piece construction, eliminating any possible leakage through weld joints.

Rotary motion feedthroughs are available in two designs. Elastomer sealed rotary feedthroughs and ferro-sealed rotary feedthroughs. The elastomer sealed feedthrough utilizes a double O-ring seal. The ferro-sealed rotary feedthrough uses ferrofluid o-ring technology to provide a reliable vacuum seal, high RPM and high torque capacity all at a price unmatched for its

features. Ferro-sealed rotary feedthroughs are available in multiple flange connection designs.

Fluid and gas feedthroughs transmit fluids, cryogenic cooling agents or gasses into high and ultrahigh vacuum chambers. These feedthroughs are available with multiple tubing and flange connection options.

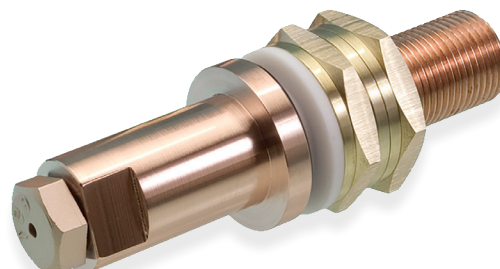
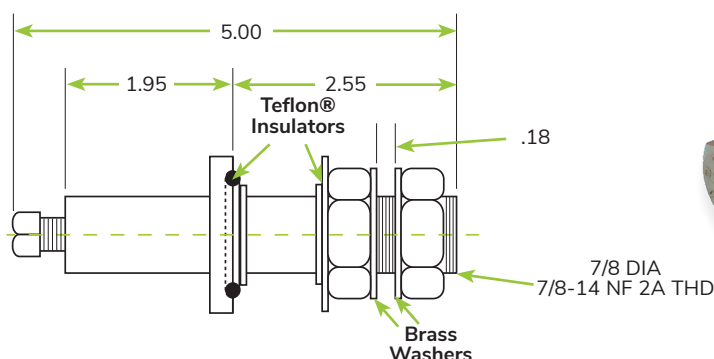
General feedthroughs serve many useful purposes. Attach a vacuum measurement device, add a gas backfill line, mount metal or glass tubing, connect your bulkhead port to an ISO-QF or CF flange or close an unused bulkhead port with a plug feedthrough.

Electrical Feedthroughs

This feedthrough is used to transfer low voltage (50 volts, max.), high current electrical power into a vacuum atmosphere. Our feedthrough features one-piece construction eliminating any possible leakage through welded joints.

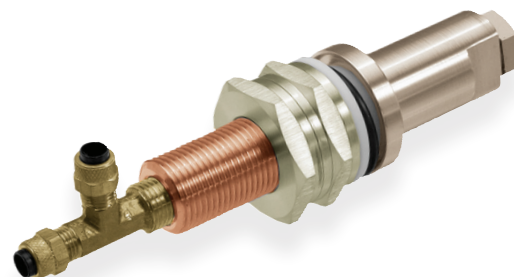
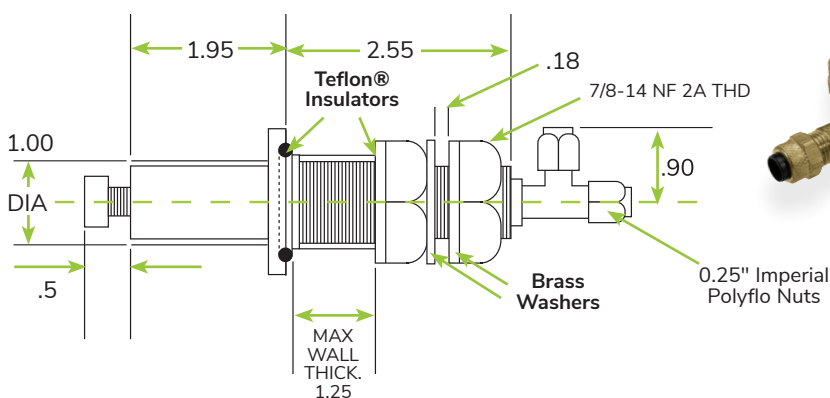
This unit is constructed of oxygen-free copper and brass. Insulators are Teflon® for strength and durability. Water line connectors are designed to accept 1/4 inch I.D. poly-flow tubing. This unit will mount into a standard 1 inch diameter hole.

400 AMP. Hi-Current Feedthrough



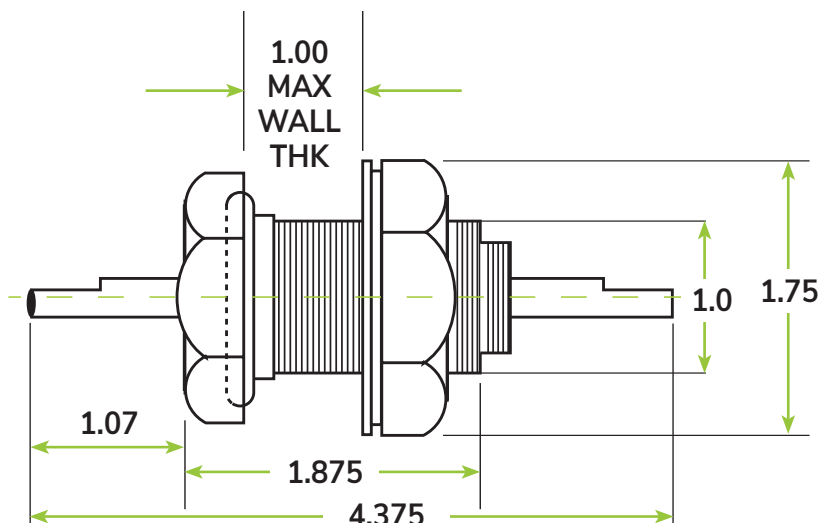
PART #	REFERENCE ID	DESCRIPTION
2100002	FTHC-BH-400	400 Amp, High Current Feedthrough
2110005	FTV-RK	Repair Kit, contains large & small Teflon® insulator, O-ring

1000 AMP. Hi-Current Watercooled Feedthrough



PART #	REFERENCE ID	DESCRIPTION
2100001	FTHC-BH-1000	1000 Amp, High Current, Water-Cooled Feedthrough
2110005	FTV-RK	Repair Kit, contains large & small Teflon® insulator, O-ring
2110008	FTV-T	Replacement Imperial Tee

Rotary Motion Feedthroughs - Elastomer Sealed



ANCORP's elastomer sealed rotary feedthrough is ideal for users requiring a rotary feedthrough for manual operation. The 1/4 inch shaft is supported by two ball bearings for smooth rotation. The 3/8 inch and 1/2 inch feedthroughs utilize bronze bearings to support the shaft. The shaft is sealed by a preloaded O-ring virtually foolproof! No spring to wear out or worry about.

This feedthrough is available in aluminum or stainless

steel. The unit is designed to fit standard 1 inch diameter through-hole mounting for wall thickness up to 1 1/4 inches.

The most amazing feature, however, is that the Viton® O-ring may be regreased or serviced by removing and replacing all components from the atmosphere side of the feedthrough in about 10 seconds without the use of any tools!

6

Rotary Motion Feedthroughs

PART #	REFERENCE ID	DESCRIPTION
2002010	FTRE-125-BH-A	0.25 in. Shaft (Aluminum) Rotary Motion Feedthrough with Elastomer Seal
2002011	FTRE-125-BH-S	0.25 in. Shaft (304 Stainless Steel) Rotary Motion Feedthrough with Elastomer Seal
2002012	FTRE-138-BH-A	0.38in. Shaft (Aluminum) Rotary Motion Feedthrough with Elastomer Seal
2002013	FTRE-138-BH-S	0.38 in. Shaft (304 Stainless Steel) Rotary Motion Feedthrough with Elastomer Seal
2002014	FTRE-150-BH-A	0.50 in. Shaft (Aluminum) Rotary Motion Feedthrough with Elastomer Seal
2002015	FTRE-150-BH-S	0.50 in. Shaft (304 Stainless Steel) Rotary Motion Feedthrough with Elastomer Seal

Spare Parts

PART #	REFERENCE ID	DESCRIPTION
2002009	125-BK	Replacement Parts: Replacement Bearings & O-rings
0605410	1-14 THIN NUT BRASS	1-14 in. Brass Hex Nut 35/34 in. Thick
0605414	1-FLATWASHER-BRASS	1 in. I.D. Washer Brass
0605408	1-14 THIN NUT SS 18-8	1-14 in. 18-8SS Hex Nut 35/64 in. Thick
0605412	1-FLATWASHER-SS	1 in. I.D. Washer 18-8 SS
2012015	125-KC	Replacement Parts: Knurled Cap

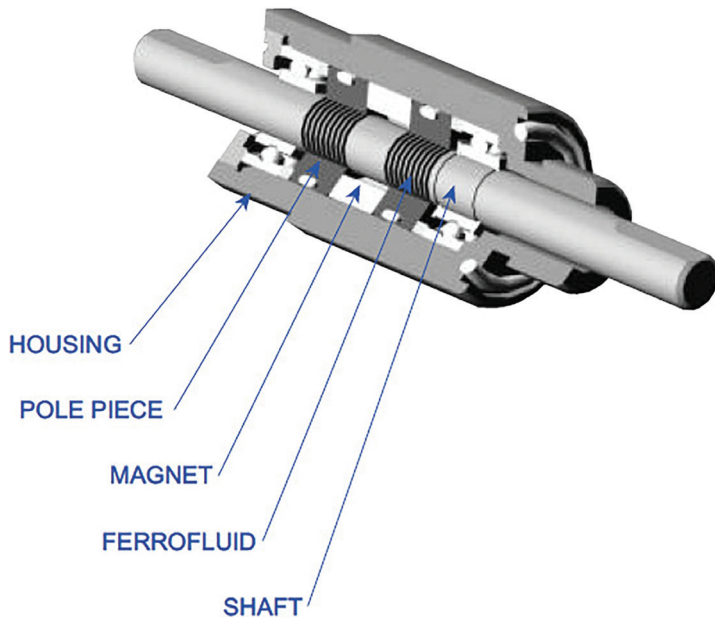
Ferro-Sealed Feedthrough

Ferrofluid Sealing Technology

Ferrofluid seals are based on the formation of liquid O-rings which create a hermetic seal on the shaft of the feedthrough. This is accomplished by the retention of magnetic fluid (ferrofluid) by powerful magnetic fields created by precise placement of high-strength magnets within the body of the feedthrough. The precise roller bearing spindle design allows for a smooth rotation and a high number of rotations per minute.



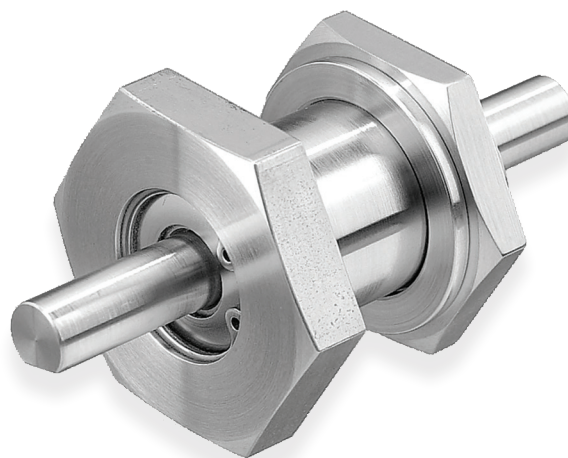
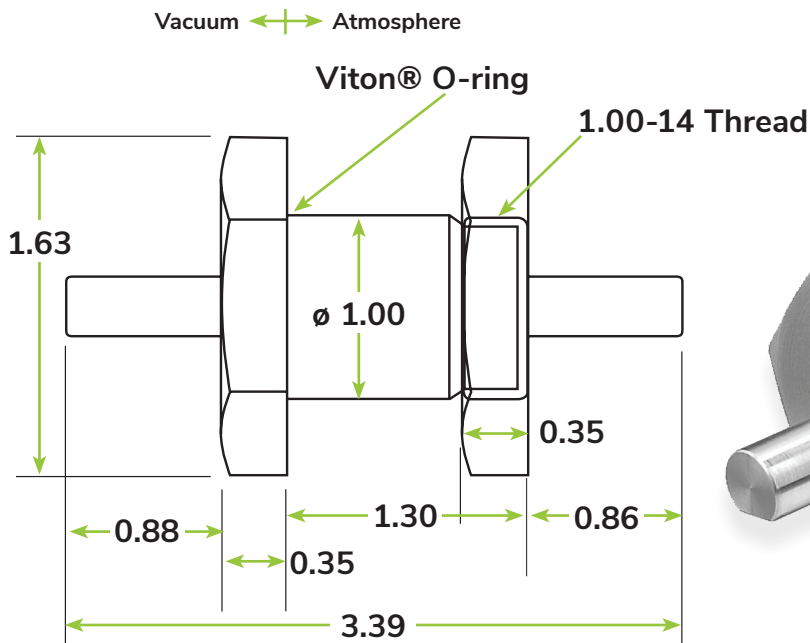
Ferrofluid forms liquid O-rings with the help of strong, high-energy magnets



- Hermetically sealed with ferrofluid technology
- Vacuum rated to 1×10^{-8} Torr (UHV option rated to 1×10^{-9} Torr)
- Up to 5000 RPM performance
- Very low stray magnetic fields
- No magnets in the vacuum environment
- High torque capacity
- 2.5 atmospheres of pressure differential tolerance
- Multiple connection options (threaded nose, baseplate, CF, ISO or customized)

Ferro-Sealed Rotary Motion - Baseplate Connection

1/4 in. & 3/8 in. Shaft Models



6

Ferro-Sealed Rotary Feedthroughs

Materials:

- Body and shaft – 17-4 PH stainless steel
- Seal – Viton®

Specifications:

- Vacuum rated: 1×10^{-8} Torr
- Max. operating pressure differential: 2.5 atm.
- Helium leak tested to 5×10^{-9} std. cc/sec.
- Max No-Load speed: 5000 rpm
- Max. temperature: 80°C
- Drag torque:
 - @ Break-away = 11 oz-in
 - @ 100 rpm = 6 oz-in
 - @ 1000 rpm = 9 oz-in
- Bearing type: R6
 - Max. static load = 305 lbs.
 - Max. dynamic load = 575 lbs.
 - Lubricant = Fomblin®/Krytox® Blend

Product Notes:

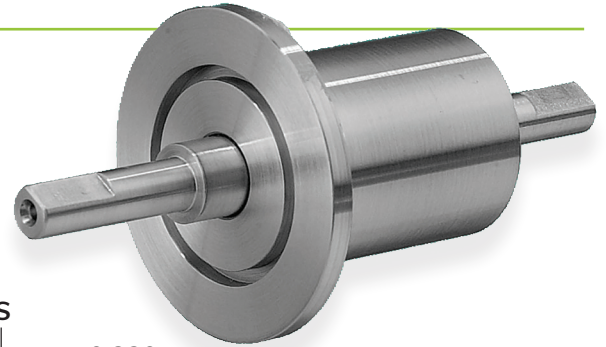
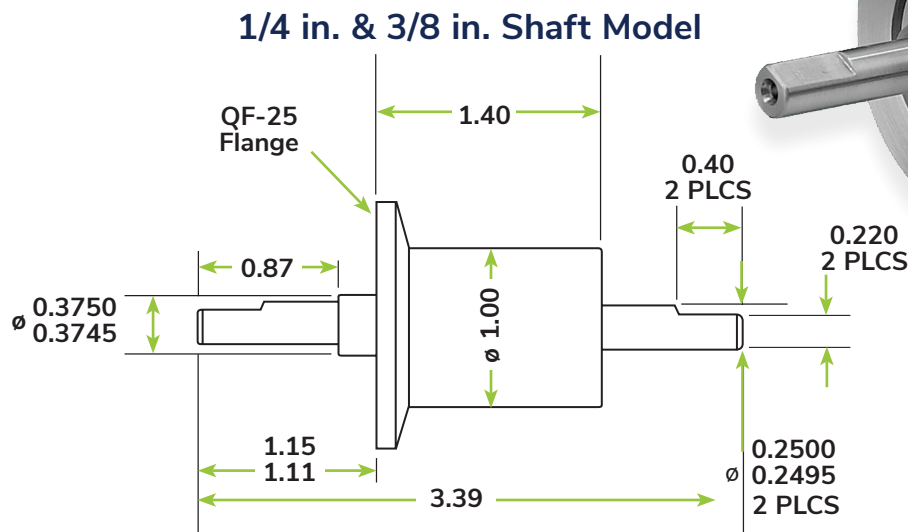
- Hermetically sealed with ferrofluid technology
- Very low stray magnetic fields
- No magnets in the vacuum environment
- High torque capacity
- Connection to system: Viton® O-ring seal with baseplate threaded fastener

Options: Call for price and availability

- UHV compatible design
- Custom shaft lengths
- Custom flange connection

PART #	REFERENCE ID	SHAFT DIAMETER	CONNECTION	MAX TRANSMISSION TORQUE
2203009	BP100-025-FTRF-3.39-160	0.25 inch	0.75 in. or 1 in. Baseplate Ports	160 in-lbs.
2203010	BP100-038-FTRF-3.39-160	0.38 inch	0.75 in. or 1 in. Baseplate Ports	160 in-lbs.

Ferro-Sealed Rotary Motion - ISO-QF Connection



Materials:

- Body and shaft – 17-4 PH stainless steel
- Seal – Viton®

Specifications:

- Vacuum rated: 1×10^{-8} Torr
- Max. operating pressure differential: 2.5 atm.
- Helium leak tested to 5×10^{-9} std. cc/sec.
- Max No-Load speed: 5000 rpm
- Max. temperature: 80°C
- Drag torque:
 - @ Break-away = 11 oz-in
 - @ 100 rpm = 6 oz-in
 - @ 1000 rpm = 9 oz-in
- Bearing type: R6
 - Max. static load = 305 lbs.
 - Max. dynamic load = 575 lbs.
 - Lubricant = Fomblin®/Krytox® Blend

Product Notes:

- Hermetically sealed with ferrofluid technology
- Very low stray magnetic fields
- No magnets in the vacuum environment
- High torque capacity
- Connection to system: Viton® O-ring seal with baseplate threaded fastener

Options: Call for price and availability

- UHV compatible design
- Custom shaft lengths
- Custom flange connection

PART #	REFERENCE ID	SHAFT DIAMETER	CONNECTION	MAX TRANSMISSION TORQUE
2203003	QF25-025-FTRF-3.39-160	0.25 inch	ISO-QF25 F	160 in-lbs.
2203004	QF25-038-FTRF-3.39-160	0.38 inch	ISO-QF25 F	160 in-lbs

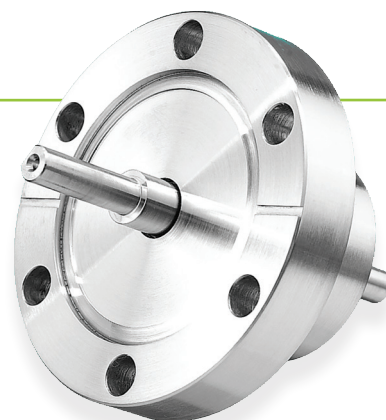
Ferro-Sealed Rotary Motion - CF Connection

Materials:

- Body and shaft – 17-4 PH stainless steel
- Seal – Viton®

Specifications:

- Vacuum rated: 1×10^{-8} Torr (UHV option rated to 1×10^{-9} torr)
- Max. operating pressure differential: 2.5 atm.
- Helium leak tested to 5×10^{-9} std. cc/sec.
- Max No-Load speed: 5000 rpm
- Max. temperature: 80°C
- Drag torque:
 - @ Break-away = 11 oz-in
 - @ 100 rpm = 6 oz-in
 - @ 1000 rpm = 9 oz-in
- Bearing type: R6
 - Max. static load = 305 lbs.
 - Max. dynamic load = 575 lbs.
 - Lubricant = Fomblin®/Krytox® Blend



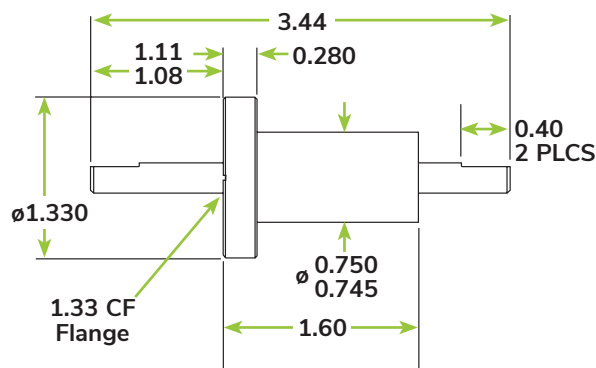
Product Notes:

- Hermetically sealed with ferrofluid technology
- Very low stray magnetic fields
- No magnets in the vacuum environment
- High torque capacity
- Connection to system: Viton® O-ring seal with baseplate threaded fastener

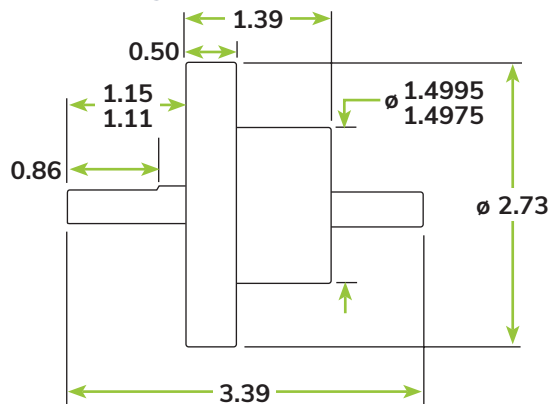
Options: Call for price and availability

- UHV compatible design
- Custom shaft lengths
- Custom flange connection

Drawing A



Drawing B



PART #	REFERENCE ID	DRAWING	SHAFT DIAMETER	CONNECTION	MAX TRANSMISSION TORQUE
2203005	CF133-025-FTRF-3.44-160	A	0.25 inch	CF133 Flange	160 in-lbs.
2203006	CF275-025-FTRF-3.39-160	B	0.25 inch	CF275 Flange	160 in-lbs.
2203007	CF275-038-FTRF-3.39-160	B	0.38 inch	CF275 Flange	160 in-lbs.

Non-Cryogenic Fluid and Gas Single Feedthrough

Materials:

- Flanges and tubing: 304 stainless steel
- Fittings: 316 stainless steel

Max. Temperature:

- CF flanged feedthrough: 450°C
- ISO-QF and baseplate feedthroughs: 150°C (200°C intermittent)

Vacuum Rating:

- CF flanged feedthroughs: UHV 1×10^{-13} Torr
- ISO-QF and baseplate feedthroughs: HV 1×10^{-8} Torr



Options: Call for price and delivery

- Custom designs are available.

Fig. 1

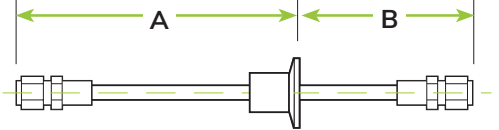


Fig. 2

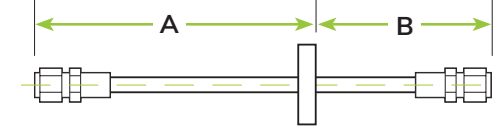
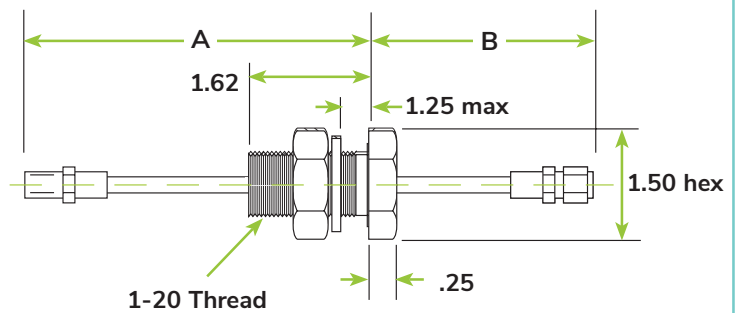


Fig. 3



PART #	REFERENCE ID	FLANGE	CONNECTION	DRAWING	A (in)	B (in)
2001000	QF16XTE-025-FTST-6.00	QF16	0.25 in. Tube Ends	1	4.0	2.0
2001001	QF50XTE-025-FTST-6.00	QF50	0.25 in. Tube Ends	1	4.0	2.0
2001003	BP100XTE-025-FTST-7.00	1 in. Baseplate	0.25 in. Tube Ends	3	4.5	2.5
2001004	CF133XTE-025-FTST-6.00	CF133	0.25 in. Tube Ends	2	4.0	2.0
2001005	QF25XTE-025-FTST-6.00	QF25	0.25 in. Tube Ends	1	4.0	2.0
2001006	QF40XTE-025-FTST-6.00	QF40	0.25 in. Tube Ends	1	4.0	2.0
2001008	CF275XTE-025-FTST-6.00	CF275	0.25 in. Tube Ends	2	4.0	2.0
2001015	QF16XSWG25-FTST-8.00	QF16	0.25 in. Swagelok®	1	5.0	3.0
2001016	QF25XSWG25-FTST-8.00	QF25	0.25 in. Swagelok®	1	5.0	3.0
2001017	QF40XSWG25-FTST-8.00	QF40	0.25 in. Swagelok®	1	5.0	3.0
2001019	QF50XSWG25-FTST-8.00	QF50	0.25 in. Swagelok®	1	5.0	3.0
2001021	BP100XSWG25-FTST-9.00	1 in. Baseplate	0.25 in. Swagelok®	3	5.5	3.5
2001022	CF133XSWG25-FTST-8.00	CF133	0.25 in. Swagelok®	2	5.0	3.0
2001023	CF275XSWG25-FTST-8.00	CF275	0.25 in. Swagelok®	2	5.0	3.0
2001030	QF16XMVCR25-FTST-8.00	QF16	0.25 in. Male VCR®	1	5.0	3.0
2001031	QF25XMVCR25-FTST-8.00	QF25	0.25 in. Male VCR®	1	5.0	3.0
2001032	QF40XMVCR25-FTST-8.00	QF40	0.25 in. Male VCR®	1	5.0	3.0
2001034	QF50XMVCR25-FTST-8.00	QF50	0.25 in. Male VCR®	1	5.0	3.0
2001036	BP100XMVCR25-FTST-9.00	1 in. Baseplate	0.25 in. Male VCR®	3	5.5	3.5
2001037	CF133XMVCR25-FTST-8.00	CF133	0.25 in. Male VCR®	2	5.0	3.0
2001038	CF275XMVCR25-FTST-8.00	CF275	0.25 in. Male VCR®	2	5.0	3.0

Non-Cryogenic Fluid and Gas Double Feedthrough

Materials:

- Flanges and tubing: 304 stainless steel
- Fittings: 316 stainless steel

Max. Temperature:

- CF flanged feedthrough: 450°C
- ISO-QF and baseplate feedthroughs: 150°C (200°C intermittent)

Vacuum Rating:

- CF flanged feedthroughs: UHV 1×10^{-13} Torr
- ISO-QF and baseplate feedthroughs: HV 1×10^{-8} Torr



Options: Call for price and delivery

- Custom designs are available.

Fig. 4

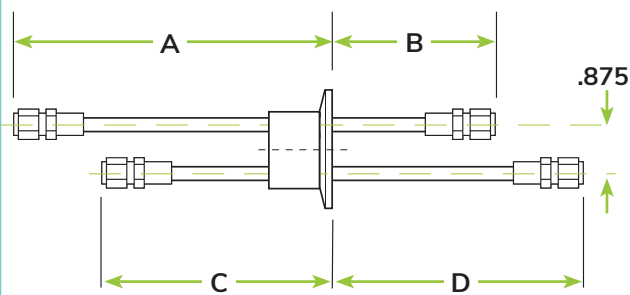
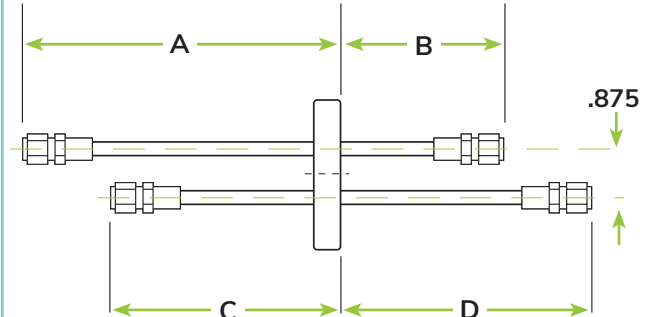


Fig. 5



PART #	REFERENCE ID	FLANGE	CONNECTION	DRAWING	A (in)	B (in)	C (in)	D (in)
2001002	QF50XTE-025-FTDT-6.00	QF50	0.25 in. Tube	4	4.0	2.0	2.0	4.0
2001009	CF275XTE-025-FTDT-6.00	CF275	0.25 in. Tube	5	4.0	2.0	2.0	4.0
2001011	QF40XTE-025-FTDT-6.00	QF40	0.25 in. Tube	4	4.0	2.0	2.0	4.0
2001018	QF40XSWG25-FTDT-8.00	QF40	0.25 in. Swagelok®	4	5.0	3.0	3.0	5.0
2001020	QF50XSWG25-FTDT-8.00	QF50	0.25 in. Swagelok®	4	5.0	3.0	3.0	5.0
2001024	CF275XSWG25-FTDT-8.00	CF275	0.25 in. Swagelok®	5	5.0	3.0	3.0	5.0
2001033	QF40XMVCR25-FTDT-8.00	QF40	0.25 in. Male VCR®	4	5.0	3.0	3.0	5.0
2001035	QF50XMVCR25-FTDT-8.00	QF50	0.25 in. Male VCR®	4	5.0	3.0	3.0	5.0
2001039	CF275XMVCR25-FTDT-8.00	CF275	0.25 in. Male VCR®	5	5.0	3.0	3.0	5.0

Cryogenic Fluid Single Feedthroughs

Materials:

- Fittings: 316 stainless steel
- Flanges and tubing: 304 stainless steel

Max. Temperature:

- CF flanged feedthrough: 450°C
- ISO-QF and baseplate feedthroughs: 150°C (200°C intermittent)

Vacuum Rating:

- CF flanged feedthroughs: UHV 1×10^{-13} Torr
- ISO-QF and baseplate feedthroughs: HV 1×10^{-8} Torr

Options:

Call for price and delivery

- Custom designs are available.

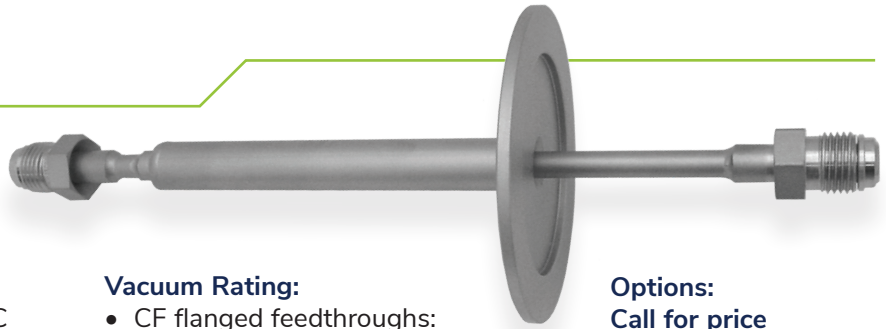


Fig. 1

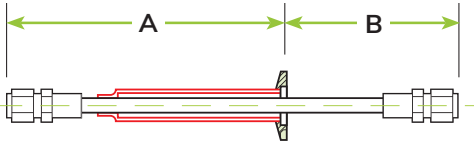


Fig. 2

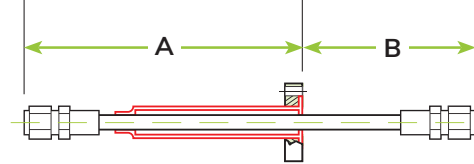
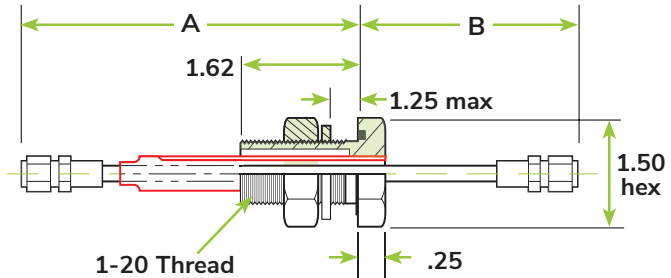


Fig. 3



* red details illustrate shield

PART #	REFERENCE ID	FLANGE	CONNECTION	FIGURE	A (in)	B (in)
2001040	QF16XTE-025-FTCS-7.00	QF16	0.25 in. Tube Ends	1	5.0	2.0
2001041	QF25XTE-025-FTCS-7.00	QF25	0.25 in. Tube Ends	1	5.0	2.0
2001042	QF40XTE-025-FTCS-7.00	QF40	0.25 in. Tube Ends	1	5.0	2.0
2001044	QF50XTE-025-FTCS-7.00	QF50	0.25 in. Tube Ends	1	5.0	2.0
2001046	BP100XTE-025-FTCS-7.00	1 in. Baseplate	0.25 in. Tube Ends	3	4.5	2.5
2001047	CF133XTE-025-FTCS-7.00	CF133	0.25 in. Tube Ends	2	5.0	2.0
2001048	CF275XTE-025-FTCS-7.00	CF275	0.25 in. Tube Ends	2	5.0	2.0
2001050	QF16XSWG25-FTCS-9.00	QF16	0.25 in. Swagelok®	1	6.0	3.0
2001051	QF25XSWG25-FTCS-9.00	QF25	0.25 in. Swagelok®	1	6.0	3.0
2001052	QF40XSWG25-FTCS-9.00	QF40	0.25 in. Swagelok®	1	6.0	3.0
2001054	QF50XSWG25-FTCS-9.00	QF50	0.25 in. Swagelok®	1	6.0	3.0
2001056	BP100XSWG25-FTCS-9.00	1 in. Baseplate	0.25 in. Swagelok®	3	5.5	3.5
2001057	CF133XSWG25-FTCS-9.00	CF133	0.25 in. Swagelok®	2	6.0	3.0
2001058	CF275XSWG25-FTCS-9.00	CF275	0.25 in. Swagelok®	2	6.0	3.0
2001065	QF16XMVCR25-FTCS-9.00	QF16	0.25 in. Male VCR®	1	6.0	3.0
2001066	QF25XMVCR25-FTCS-9.00	QF25	0.25 in. Male VCR®	1	6.0	3.0
2001067	QF40XMVCR25-FTCS-9.00	QF40	0.25 in. Male VCR®	1	6.0	3.0
2001069	QF50XMVCR25-FTCS-9.00	QF50	0.25 in. Male VCR®	1	6.0	3.0
2001071	BP100XMVCR25-FTCS-9.00	1 in. Baseplate	0.25 in. Male VCR®	3	5.5	3.5
2001072	CF133XMVCR25-FTCS-9.00	CF133	0.25 in. Male VCR®	2	6.0	3.0
2001073	CF275XMVCR25-FTCS-9.00	CF275	0.25 in. Male VCR®	2	6.0	3.0

Cryogenic Fluid Double Feedthroughs

Materials:

- Flanges and tubing: 304 stainless steel
- Fittings: 316 stainless steel

Max. Temperature:

- CF flanged feedthrough: 450°C
- ISO-QF and baseplate feedthroughs: 150°C (200°C intermittent)



Vacuum Rating:

- CF flanged feedthroughs: UHV 1×10^{-13} Torr
- ISO-QF and baseplate feedthroughs: HV 1×10^{-8} Torr

Options: Call for price and delivery

- Custom designs are available.

Fig. 4

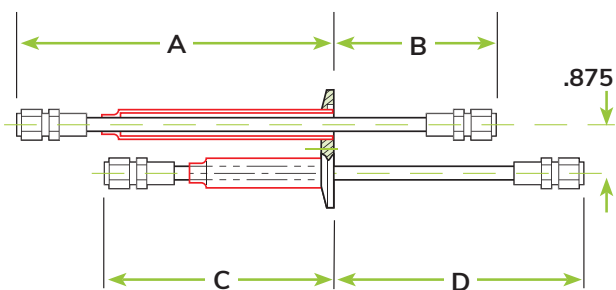
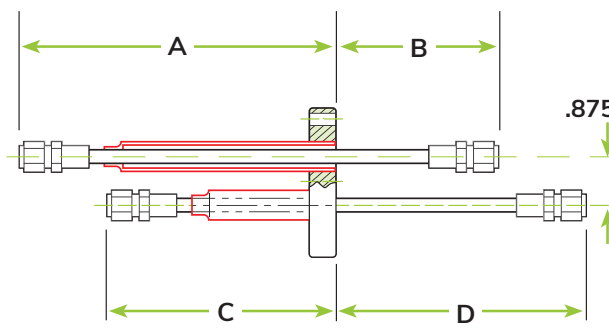


Fig. 5



Cryogenic Fluid Double Feedthrough

PART #	REFERENCE ID	FLANGE	CONNECTION	FIGURE	A (in)	B (in)	C (in)	D (in)
2001043	QF40XTE-025-FTCD-7.00	QF40	0.25 in. Tube Ends	4	5.0	2.0	3.0	4.0
2001045	QF50XTE-025-FTCD-7.00	QF50	0.25 in. Tube Ends	4	5.0	2.0	3.0	4.0
2001049	CF275XTE-025-FTCD-7.00	CF275	0.25 in. Tube Ends	5	5.0	2.0	3.0	4.0
2001053	QF40XSWG25-FTCD-9.00	QF40	0.25 in. Swagelok®	4	6.0	3.0	4.0	5.0
2001055	QF50XSWG25-FTCD-9.00	QF50	0.25 in. Swagelok®	4	6.0	3.0	4.0	5.0
2001059	CF275XSWG25-FTCD-9.00	CF275	0.25 in. Swagelok®	5	6.0	3.0	4.0	5.0
2001068	QF40XMVCR25-FTCD-9.00	QF40	0.25 in. Male VCR®	4	6.0	3.0	4.0	5.0
2001070	QF50XMVCR25-FTCD-9.00	QF50	0.25 in. Male VCR®	4	6.0	3.0	4.0	5.0
2001074	CF275XMVCR25-FTCD-9.00	CF275	0.25 in. Male VCR®	5	6.0	3.0	4.0	5.0

Baseplate to CF Flange Transition Feedthrough

Materials:

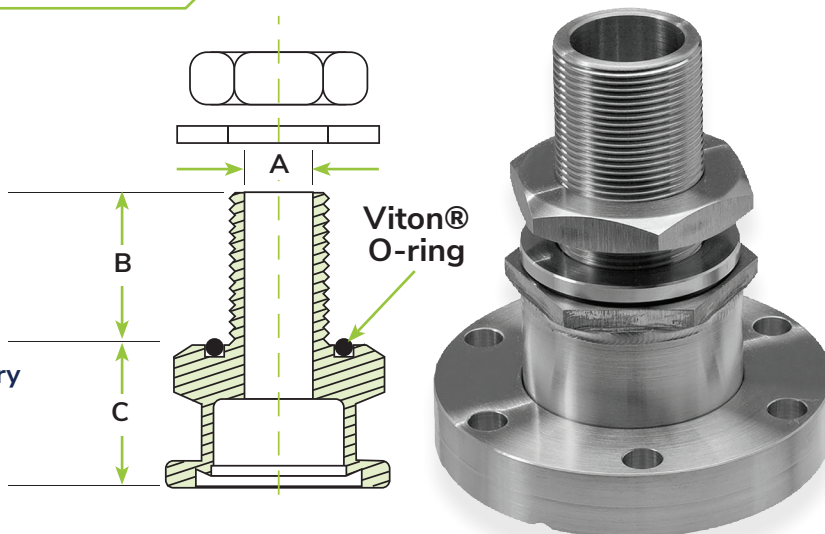
- 304 stainless steel

Product Notes:

- Adapts from baseplate fitting to CF flange
- Baseplate fitting designed to fit 1 inch diameter ports on baseplates up to 1 inch thick

Options: Call for price and delivery

- Additional sizes



PART #	REFERENCE ID	A (in)	B (in)	C (in)
2000065	CF212XBP100-075-2.90	0.75	1.62	1.28
2000066	CF275XBP100-075-2.90	0.75	1.62	1.28

Baseplate to ISO-QF Flange Transition Feedthrough

Materials:

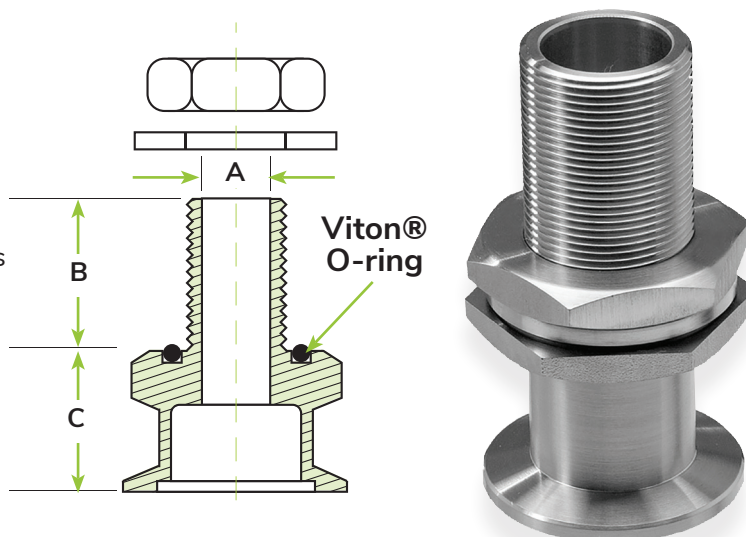
- 304 stainless steel

Product Notes:

- Adapts from baseplate fitting to ISO-QF flange
- Baseplate fitting designed to fit 1 inch diameter ports on baseplates up to 1 inch thick

Options: Call for price and delivery

- Additional sizes



PART #	REFERENCE ID	A (in)	B (in)	C (in)
2000060	QF25XBP100-075-2.90	0.75	1.620	1.28
2000061	QF40XBP100-075-2.90	0.75	1.620	1.28

Baseplate to Female NPT Transition Feedthrough

Materials:

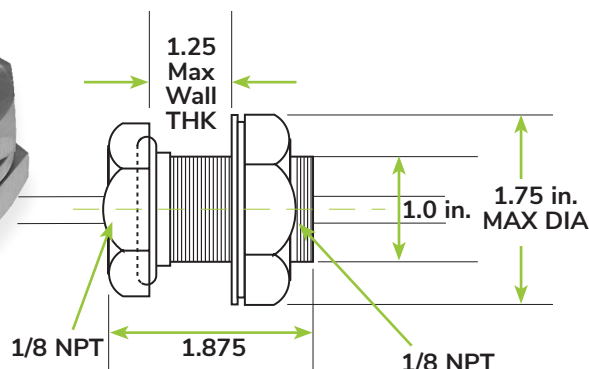
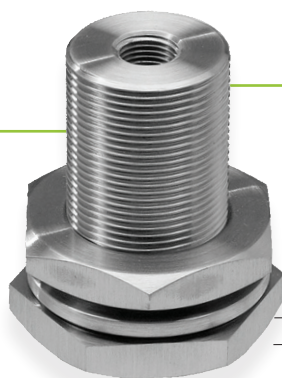
- 304 stainless steel
- Aluminum

Options: Call for price and delivery

- Additional sizes

Product Notes:

- Adapts from baseplate fitting to NPT fitting
- Baseplate fitting designed to fit 1 inch diameter ports on baseplates up to 1 inch thick



PART #	REFERENCE ID	DESCRIPTION
2000005	BP100XFNPT12-1.875-AL	Aluminum Baseplate Fitting to 0.13 inch Female NPT
2000006	BP100XFNPT12-1.875	Stainless Steel Baseplate Fitting to 0.13 inch Female NPT

Baseplate to Quick Disconnect Transition Feedthrough

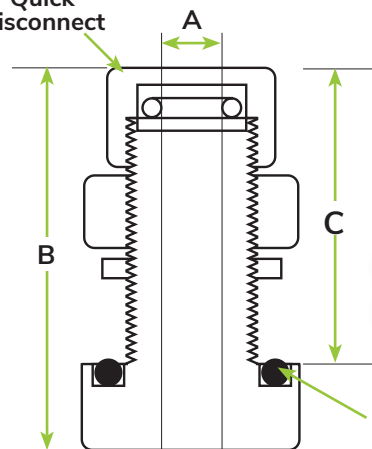
Stainless Steel

PART #	REFERENCE ID	A (in)	B (in)	C (in)
2000050	BP100XQD12-2.62	0.125	2.62	2.37
2000051	BP100XQD25-2.62	0.25	2.62	2.37
2000052	BP100XQD38-2.62	0.375	2.62	2.37
2000053	BP100XQD50-2.62	0.50	2.62	2.37
2000054	BP100XQD62-2.62	0.625	2.62	2.37
2000055	BP100XQD75-2.62	0.75	2.62	2.37
2000057	BP100XQD100-4.25	1.00	4.25	2.37

Aluminum

PART #	REFERENCE ID	A (in)	B (in)	C (in)
2000035	BP100XQD12-2.62-AL	0.125	2.62	2.37
2000036	BP100XQD25-2.62-AL	0.25	2.62	2.37
2000037	BP100XQD38-2.62-AL	0.375	2.62	2.37
2000038	BP100XQD50-2.62-AL	0.50	2.62	2.37
2000039	BP100XQD62-2.62-AL	0.625	2.62	2.37
2000040	BP100XQD75-2.62-AL	0.75	2.62	2.37
2000045	BP100XQD100-4.25-AL	1.00	4.25	2.37

Quick Disconnect



Viton®
O-ring

Materials:

- 304 stainless steel
- Aluminium
- Blank plug included

Product Notes:

- Adapts from baseplate fitting to quick disconnect fitting
- Baseplate fitting designed to fit 1 inch diameter ports on baseplates up to 1 1/4 inches thick
- Convenient for mounting gauges, instruments or adding tube ports without welds

Options: Call for price and delivery

- Additional sizes

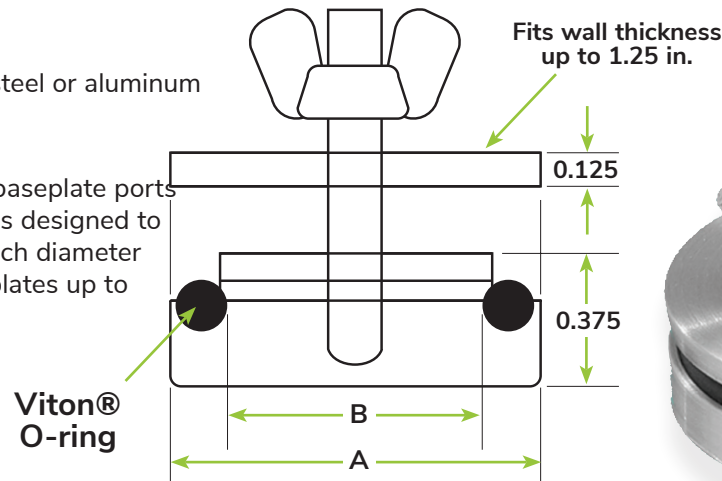
Baseplate Fitting - Blank Plug

Materials:

- 304 stainless steel or aluminum

Product Notes:

- Close unused baseplate ports
- Baseplate plugs designed to fit through 1 inch diameter ports on baseplates up to 1 inch thick



PART #	REFERENCE ID	A (in)	B (in)	O-RING	DESCRIPTION
2000025	075-FTBP-2.00	1.50	0.74	2-216	Stainless Steel Baseplate Plug for 0.75 in. Hole
2000026	100-FTBP-2.00	1.50	0.99	2-216	Stainless Steel Baseplate Plug for 1.00 in. Hole
2000027	125-FTBP-2.00	1.75	1.24	2-220	Stainless Steel Baseplate Plug for 1.25 in. Hole
2000028	150-FTBP-2.00	2.00	1.49	2-223	Stainless Steel Baseplate Plug for 1.50 in. Hole
2000029	175-FTBP-2.00	2.25	1.74	2-225	Stainless Steel Baseplate Plug for 1.75 in. Hole
2000010	100-FTBP-2.00-AL	1.50	0.99	2-216	Aluminum Baseplate Plug for 1 in. Hole