

Nanovolume® fittings ■ for 360 µm tubing

HIGH PRESSURE FITTINGS ■ NANO VOLUME®

- For direct connection of 360 µm tubing
- Work with metal, fused silica, or PEEK
- Up to 20,000 psi with metal tubing
- Snap-in rotating ferrule for “one-piece” fitting with no tubing twist
- Eliminate use of troublesome liners

Our high pressure fittings permit direct connection of 360 micron OD fused silica, PEEK, stainless, or electroformed nickel tubing without the use of liners. The ferrule snaps into the nut so that the fitting is “one-piece”, but the ferrule remains free to rotate as the nut is tightened so that the tube doesn’t twist. Because of the compact size and fine 2-56 threads, a leak-free connection that seals at pressures in excess of 20,000 psi can be easily formed with the available manual tool.

VICI Nanovolume® 360 µm fittings are dedicated for use with either fused silica, metal, or PEEK tubing; components cannot be mixed or used with a different tubing material.

Tees and crosses offer a choice of three bore sizes, and feature a “quick-mount” base with adhesive backing to make sure that the fitting is stable and fragile tubing doesn’t get broken. There is also a quick-mount PEEK union.



For PEEK or fused silica tubing — up to 10,000 psi

360 µm

SPECS

- For PEEK or FS tubing, 360 µm
- Material: PEEK
- Threads: 2-56
- Pressure rating: <689.5 bar (10,000 psi) (Varies with tubing material and ID)

These fittings are constructed from premium grade natural PEEK material. They are intended for use with PEEK or fused silica tubing at pressures up to 10,000 psi, or the maximum pressure for which the tubing is rated, whichever is lower. Quick-mount versions have integral base with double stick tape to secure fittings to a surface.

		Product No.
Nut/ferrule		JR-C360NFPK
Cap		JR-C360CPK
Plug		JR-C360PPK
Tightening tool		JR-C360ET

Bore size:	50 micron	100 micron	150 micron
	Product No.	Product No.	Product No.
Union	JR-C360UPK2	JR-C360UPK4	JR-C360UPK6
Reducing union, 1/16" to 360 µm	—	—	JR-C360RU1PK6
Union, quick mount	JR-C360QUPK2	JR-C360QUPK4	JR-C360QUPK6
Tee, quick mount	JR-C360QTPK2	JR-C360QTPK4	JR-C360QTPK6
Cross, quick mount	JR-C360QXPK2	JR-C360QXPK4	JR-C360QXPK6



TECH TIP

360 micron fittings are dedicated for use with either fused silica, metal, or PEEK tubing. Components cannot be mixed or used with a different tubing material.

TECH TIP

Grooves on the fitting body indicate the bore size:



Grooves indicate bore size
 1 groove: 50 µm
 2 grooves: 100 µm
 no grooves: 150 µm