



- 100 and 150 µm bores available
- Nuts, ferrules, and unions
- For PEEK tubing

VICI Nanovolume® fittings are designed for capillary LC, used in HTS techniques, proteomics, genomics, and other newer developments in industrial research requiring small sample size for reduction of analysis time.

VICI Nanovolume connectors include our one-piece fingertight fittings for 1/32" OD tubing, featuring our

patented\* collapsible ferrule. PEEK ferrules for use with our external nuts also feature the collapsible, grooved design. To avoid potential confusion, all fittings utilizing the Cheminert collapsible ferrule are made of black PEEK; fittings with a standard Valco ZDV fitting detail are natural PEEK.

VICI Nanovolume fittings are as easy to handle as our standard analytical fittings and unions. The only difference is their size.

\*U.S. patent no. 6,575,501.

**Nanovolume® fittings**

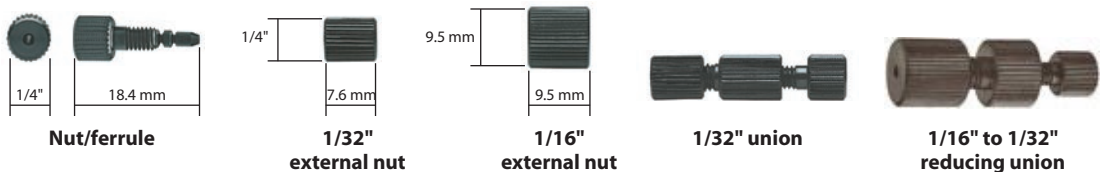
1/32"

The internal nut includes a collapsible ferrule as an integral part of the fitting; the external nut must be used with the separate ferrule listed below.

Description	Tubing OD	Product No.
One-piece nut/ferrule	1/32"	JR-C-NNFFPK
External nut	1/32"	JR-C-EN.5FPKB
	1/16"	JR-C-EN1FPKB
Ferrule, collapsible	1/32"	JR-ZGF.5PK
	1/16"	JR-ZGF1PK
<b>Bore size:</b>		
	Tubing OD	<b>100 micron</b> Product No. <b>150 micron</b> Product No.
Union (external to internal)	1/32"	JR-C-NEU.5XFPK      JR-C-NEU.5FPK
Reducing union	1/16" to 1/32"	—      JR-C-NERU1FPK

**SPECS**

- For 1/32" OD PEEK
- Material: PEEK
- Threads: Nut/ferrule 6-40 External nut 1/32" 8-36 1/16" 10-32
- Pressure rating: <350 bar (5,000 psi) (Varies with tubing material and ID)
- Tolerances: ±0.05mm (.002")



**Liners for 1/32" connectors**

for use with fused silica tubing

Use these natural PEEK liners to adapt 1/32" connectors to the most common sizes of fused silica tubing. The 27 mm liners are for internal nuts with collapsible ferrules. 10 mm liners are for use with external nuts. Sold in packages of 5.

**MORE INFORMATION**


360 µm Nanovolume® fittings .....38-39

**CONVERSIONS**

- 50 µm = .002"
- 100 µm = .004"
- 150 µm = .006"
- 0.25 mm = .010"
- 0.50 mm = .020"
- 0.75 mm = .030"


**27 mm liners**

Use with internal nuts JR-C-NNFFPK or JR-C-NNFLFPK

	For tubing OD	Prod No
	125 - 175 µm	JR-C-NL.15L-5
	175 - 225 µm	JR-C-NL.20L-5
	225 - 275 µm	JR-C-NL.25L-5
	275 - 325 µm	JR-C-NL.30L-5
	325 - 375 µm	JR-C-NL.35L-5

**10 mm liners**

Use with external nut JR-C-EN.5FPKB

	For tubing OD	Prod No
	125 - 175 µm	JR-C-NL.15S-5
	175 - 225 µm	JR-C-NL.20S-5
	225 - 275 µm	JR-C-NL.25S-5
	275 - 325 µm	JR-C-NL.30S-5
	325 - 375 µm	JR-C-NL.35S-5