

360 µm High Pressure Fittings

- Direct connection of 360 micron OD tubing
- Eliminate the use of liners
- Use at 20,000 psi or higher
- Work with fused silica, or PEEK®, or metal tubing
- Snap-in rotating ferrule for "one-piece" fitting with no tubing twist



(shown larger than actual size)

General Description

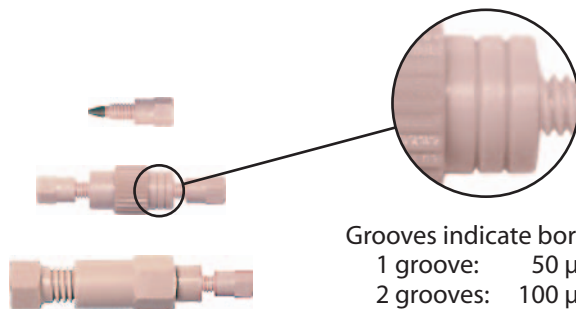
Our new high pressure fittings permit direct connection of 360 micron OD fused silica, PEEK, stainless, or electroformed nickel tubing without the use of liners. The ferrule snaps into the nut so that the fitting is "one-piece", but the ferrule remains free to rotate as the nut is tightened so that the 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.

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 for PEEK or FS tubing 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.

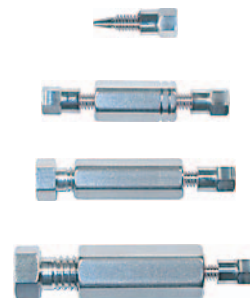


Quick mount tee, cross, and union, shown actual size
(The red band protects the ferrule during assembly for shipment, and should be removed for actual makeup)



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

PEEK 360 µm nut/ferrule, union, and 1/16" to 360 µm reducing union, shown actual size



Stainless 360 µm nut/ferrule, union, 1/32" to 360 µm reducing union, and 1/16" to 360 µm reducing union, shown actual size

Product Numbers

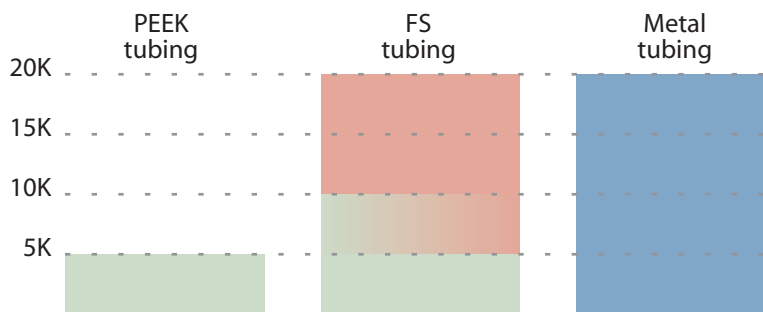
360 µm fittings are dedicated for use with either fused silica (FS), metal, or PEEK tubing; *components cannot be mixed or used with a different tubing material.*

For tubing made of:

	FS (<10K psi) and PEEK	FS (>10K psi)	METAL
Nut/ferrule	C360NFPK	C360NFFS	C360NFS6
Cap	C360CPK	–	C360C
Plug	C360PPK	–	–
Union, 50 micron bore	C360UPK2	C360UFS2	C360US62
Union, 100 micron bore	C360UPK4	C360UFS4	C360US64
Union, 150 micron bore	C360UPK6	C360UFS6	C360US66
Reducing union, 1/32" to 360 µm, 50 micron bore	–	C360RU.5FS2	C360RU.5S62
Reducing union, 1/32" to 360 µm, 100 micron bore	–	C360RU.5FS4	C360RU.5S64
Reducing union, 1/32" to 360 µm, 150 micron bore	–	C360RU.5FS6	C360RU.5S66
Reducing union, 1/16" to 360 µm, 150 micron bore	C360RU1PK6	C360RU1FS6	C360RU1S66
Union, quick mount, 50 micron bore	C360QUPK2		
Union, quick mount, 100 micron bore	C360QUPK4		
Union, quick mount, 150 micron bore	C360QUPK6		
Tee, quick mount, 50 micron bore	C360QTPK2		
Tee, quick mount, 100 micron bore	C360QTPK4		
Tee, quick mount, 150 micron bore	C360QTPK6		
Cross, quick mount, 50 micron bore	C360QXPK2		
Cross, quick mount, 100 micron bore	C360QXPK4		
Cross, quick mount, 150 micron bore	C360QXPK6		
Make up tool for PEEK nut/ferrule	C360ET		

Selection Guide

Safe use pressure depends on the combination of tubing and fitting. PEEK nut/ferrules can be used on both PEEK and FS tubing up to the rating of the tubing.



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