Stainless Steel Fitting

Product Features:

Tool-free Installation: User-friendly design for quick, hand-tight installation.

Excellent Sealing: The PEEK ferrule deforms for a perfect seal, preventing leaks effectively.

Broad Compatibility: The 10-32 screw thread is compatible with most analytical and ghost-catching columns.

High Pressure Resistance:

- 0.18 mm I.D.: Max pressure 40 MPa, covering most HPLC instruments.
- 0.17 mm I.D.: Max pressure 60 MPa, covering common UHPLC systems.
- 0.12 mm I.D.: Max pressure 130 MPa, meeting UPLC system requirements.

Ordering Information

P/N	I.D.	Length	Max. Pressure	System	Image
00808-01311	0.18 mm	105 mm	40 MPa	**Agilent** 1100/1200/1260 I /1260 II **Shimadzu** LC-20A/LC-30A/LC-2030 **Thermo Fisher** U3000/vanquish **Waters** 2695/e2695	
00808-01312		200 mm			
00808-01315		350 mm			
00808-01313		500 mm			
00808-01324		600 mm			
00808-01331	0.17 mm	105 mm	60 MPa	**Agilent** 1100/1200/1260 I /1260 II **Shimadzu** LC-20A/LC-30A/LC-2030 **Thermo Fisher** U3000/vanquish **Waters** 2695/e2695	
00808-01332		200 mm			
00808-01333		250 mm			
00808-01334		350 mm			
00808-01335		450 mm			
00808-01336		600 mm			
00808-01325	0.12 mm	105 mm	130 MPa	**Agilent** 1290 **Waters** UPLC/H-Class/I-Class **Thermo Fisher** UHPLC	
00808-01326		200 mm			
00808-01330		250 mm			
00808-01327		350 mm			
00808-01314		450 mm			
00808-01328		600 mm			

Precautions when Using Stainless Steel Fittings:

1) Do hand-tightened stainless steel fittings need to be tightened forcefully?

Answer: To allow the PEEK ferrule to accommodate variations in column inner diameters, moderate tightening is required on first use. If leakage is observed, tighten slightly more until there is no leakage at the operating pressure.

Note: Never apply excessive force when tightening, as this may damage the fitting. If the fitting cannot be tightened despite repeated attempts, contact the sales team or replace the fitting and try again.

2) What should be done if a hand-tightened stainless steel fitting becomes stuck?

Answer: During use, if fittings are interchanged and installed into a component with a smaller inner diameter, they may jam in the component's bore. Below is a case where the fitting was used mixedly and stuck in a two-port union due to overtightening.

If the fitting is stuck and cannot be removed by hand, try the following: slightly tighten the fitting so it does not leak, connect a column (or a back-pressure tube) to the opposite end of the fitting, and connect the two-port union to the mobile phase line. Start the pump; when the pressure rises to a certain level, loosen the fitting. Under the action of the mobile phase pressure, the fitting will be expelled from the union bore and can then be removed.

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