



★ Application Note

※ Before flange the tubing, ensure the end of tubing has a clean, square, burr-free cut.

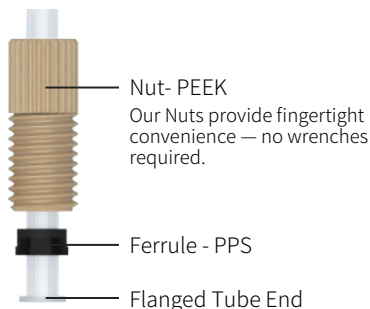
Step 1. Flange the tubing with exclusive flange tools, tubing can be flanged one end or both two ends, depending on specific application requirements

Step 2. When tubing flanged in two ends, 2 pieces clips and 2 pieces nuts need to be slid into the tubing before both ends flanged; when tubing flanged in one end, 1 piece clip and 1 piece nut can be slid into tubing before or after the one end flanged.

Step 3. Insert the assembly into the receiving port, pushing the tubing into the port until it bottoms out

Step 4. Finger tighten the fittings into the port until snug

Step 5. After several uses (especially at high pressure) the flanged tube should be replace



Nut- PEEK
Our Nuts provide fingertight convenience — no wrenches required.

Ferrule - PPS

Flanged Tube End

※ Make sure the ferrule is oriented correctly! The narrow end of the ferrule should towards the nut.

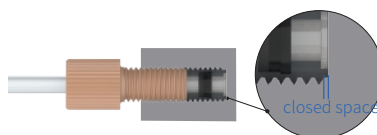
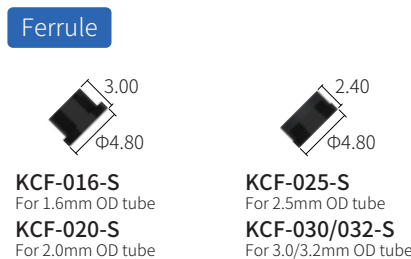
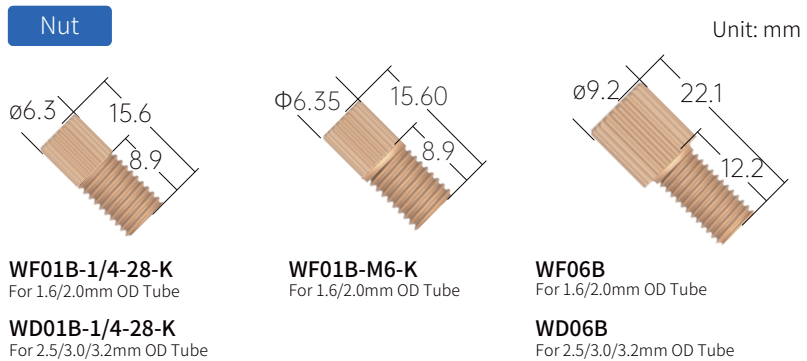
※ Flange the tubing with exclusive flange tools, flanged Tube End $\leq \Phi 5\text{mm}$

※ M6 threaded fittings support customization

PEEK Flanged Fittings

Features:

- A traditional flat-bottomed fitting. By deforming the bottom of the tube, the bottom of the tube then compressed to form an airtight rigid tube connection system.
- Continuous operating temperature: -80°C to $+250^{\circ}\text{C}$
- No change in tube diameter, no effect on flow rate, more stable flow rate
- Can be disassembled repeatedly without affecting its sealing



Note: Height of perforated closed space $\leq 0.5\text{mm}$

SKU	Model No.	Thread	Tube OD	Material
WF01B/WD01B				
1011140011	WF01B-1/4-28-K * KCF-016-S	1/4-28UNF	1.6mm OD	PEEK natural * PPS black
1011140012	WF01B-1/4-28-K * KCF-020-S	1/4-28UNF	2.0mm OD	PEEK natural * PPS black
1011140013	WD01B-1/4-28-K * KCF-025-S	1/4-28UNF	2.5mm OD	PEEK natural * PPS black
1011140017	WD01B-1/4-28-K * KCF-030/032-S	1/4-28UNF	3.0mm/3.2mm OD	PEEK natural * PPS black
1011140019	WF01B-M6-K * KCF-016-S	M6	1.6mm OD	PEEK natural * PPS black
1011140020	WF01B-M6-K * KCF-020-S	M6	2.0mm OD	PEEK natural * PPS black
WF06B/WD06B				
1011140014	WF06B-1/4-28-K * KCF-016-S	1/4-28UNF	1.6mm OD	PEEK natural * PPS black
1011140015	WF06B-1/4-28-K * KCF-020-S	1/4-28UNF	2.0mm OD	PEEK natural * PPS black
1011140016	WD06B-1/4-28-K * KCF-025-S	1/4-28UNF	2.5mm OD	PEEK natural * PPS black
1011140018	WD06B-1/4-28-K * KCF-030/032-S	1/4-28UNF	3.0mm/3.2mm OD	PEEK natural * PPS black
1011140021	WF06B-M6-K * KCF-016-S	M6	1.6mm OD	PEEK natural * PPS black
1011140022	WF06B-M6-K * KCF-020-S	M6	2.0mm OD	PEEK natural * PPS black