

Pre-torque Flangeless Fittings

Features:

- Working principle: Pre-applied forces to achieve a reliable and tight connection and to prevent gaps or relative slippage between the fittings after being applied force
- Resistant to chemical corrosion and various organic substances, including PTFE and PP materials
- Standard threads and curvature, no gap, no wobble and good sealing with the corresponding threads
- Used for standard rigid tubing OD 1.6/2.0/2.5/3.0/3.2mm, easy and fast installation.



Application Note

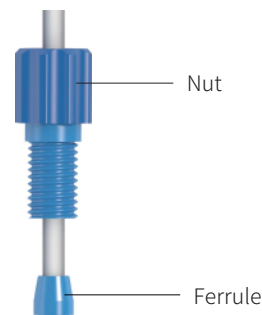
※ Ensure the end of tubing has a clean, square, burr-free cut.

Step 1. Slide the nut, followed by the ferrule, at least 3/16" (4.7625mm) from the end of clean cut tubing

Step 2. Insert the assembly into the receiving port, pushing the tubing into the port until it bottoms out

Step 3. Finger tighten the fittings into the port until snug

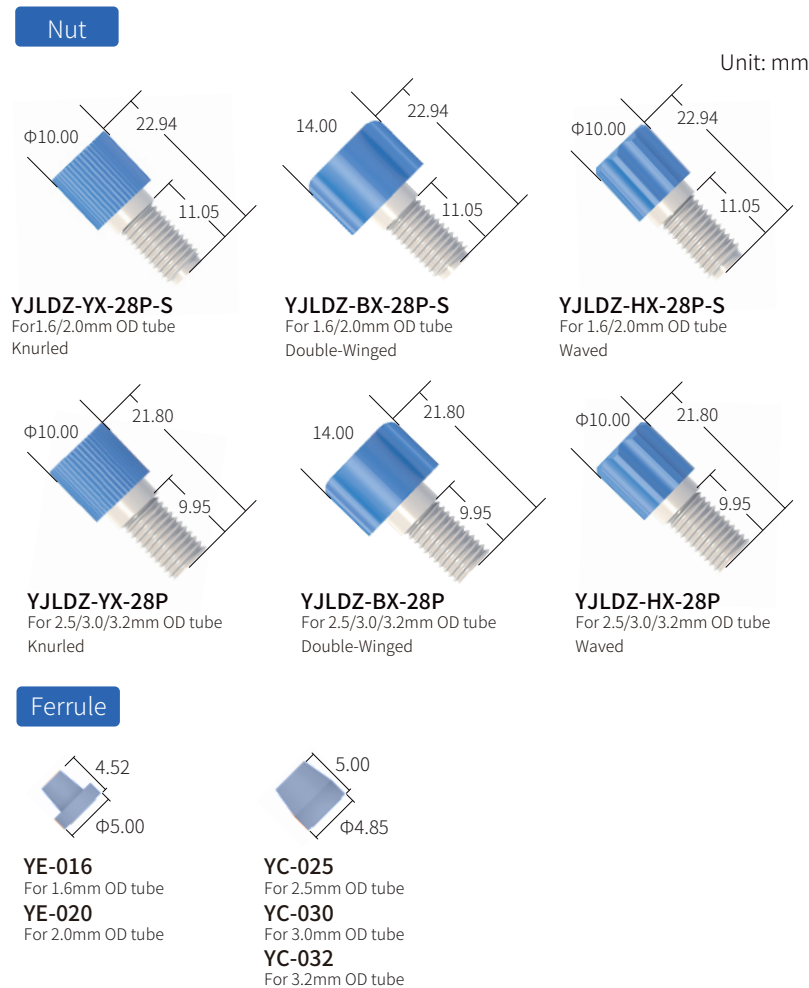
Step 4. After disassembling, the ferrules should be replaced in next assembly and connection



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

※ Please choose the correct nut model, so that no under-torque or over-torque will occur to affect tube sealing or squeeze tube.

※ Use environment: .
 0.11~0.15 N·m—WT ≤0.5mm at room temperature
 0.15~0.20 N·m—WT >0.5mm at room temperature
 0.20~0.25 N·m—Use temperature >100°C, or pressure >8kg



Model No.	Tube OD	Material
Ferrule		
YE-016-P	1.6mm OD	PP natural
YE-020-P	2.0mm OD	PP natural
YC-025-P	2.5mm OD	PP natural
YC-030-P	3.0mm OD	PP natural
YC-032-P	3.2mm OD	PP natural
YE-016-A	1.6mm OD	PFA natural
YE-020-A	2.0mm OD	PFA natural
YC-025-A	2.5mm OD	PFA natural
YC-030-A	3.0mm OD	PFA natural
YC-032-A	3.2mm OD	PFA natural

Model No.	Thread	Tube OD	Torque Range	Head Style	Material
Nut					
YJLDZ-YX-28P-S(011-015)	1/4-28UNF	1.6mm/2.0mm OD	0.11~0.15 N·m	Blue round screw head	PP natural
YJLDZ-YX-06P-S(011-015)	M6	1.6mm/2.0mm OD	0.11~0.15 N·m	Blue flat screw head	PP natural
YJLDZ-BX-28P-S(011-015)	1/4-28UNF	1.6mm/2.0mm OD	0.11~0.15 N·m	Blue flat screw head	PP natural
YJLDZ-BX-06P-S(011-015)	M6	1.6mm/2.0mm OD	0.11~0.15 N·m	Blue flat screw head	PP natural
YJLDZ-HX-28P-S(011-015)	1/4-28UNF	1.6mm/2.0mm OD	0.11~0.15 N·m	Blue flower-shaped screw head	PP natural
YJLDZ-HX-06P-S(011-015)	M6	1.6mm/2.0mm OD	0.11~0.15 N·m	Blue flower-shaped screw head	PP natural
YJLDZ-BX-28P-S(015-020)	1/4-28UNF	1.6mm/2.0mm OD	0.15~0.20 N·m	Yellow flat screw head	PP natural
YJLDZ-BX-06P-S(015-020)	M6	1.6mm/2.0mm OD	0.15~0.20 N·m	Yellow flat screw head	PP natural
YJLDZ-HX-28P-S(015-020)	1/4-28UNF	1.6mm/2.0mm OD	0.15~0.20 N·m	Yellow flower-shaped screw head	PP natural
YJLDZ-HX-06P-S(015-020)	M6	1.6mm/2.0mm OD	0.15~0.20 N·m	Yellow flower-shaped screw head	PP natural
YJLDZ-BX-28P-S(020-025)	1/4-28UNF	1.6mm/2.0mm OD	0.20~0.25 N·m	Red flat screw head	PP natural
YJLDZ-BX-06P-S(020-025)	M6	1.6mm/2.0mm OD	0.20~0.25 N·m	Red flat screw head	PP natural
YJLDZ-HX-28P-S(020-025)	1/4-28UNF	1.6mm/2.0mm OD	0.20~0.25 N·m	Red flower-shaped screw head	PP natural
YJLDZ-HX-06P-S(020-025)	M6	1.6mm/2.0mm OD	0.20~0.25 N·m	Red flower-shaped screw head	PP natural
YJLDZ-YX-28P-(011-015)	1/4-28UNF	2.5mm/3.0mm/3.2mm OD	0.11~0.15 N·m	Blue round screw head	PP natural
YJLDZ-YX-06P-(011-015)	M6	2.5mm/3.0mm/3.2mm OD	0.11~0.15 N·m	Blue round screw head	PP natural
YJLDZ-BX-28P-(011-015)	1/4-28UNF	2.5mm/3.0mm/3.2mm OD	0.11~0.15 N·m	Blue flat screw head	PP natural
YJLDZ-BX-06P-(011-015)	M6	2.5mm/3.0mm/3.2mm OD	0.11~0.15 N·m	Blue flat screw head	PP natural
YJLDZ-HX-28P-(011-015)	1/4-28UNF	2.5mm/3.0mm/3.2mm OD	0.11~0.15 N/m	Blue flower-shaped screw head	PP natural
YJLDZ-HX-06P-(011-015)	M6	2.5mm/3.0mm/3.2mm OD	0.11~0.15 N/m	Blue flower-shaped screw head	PP natural
YJLDZ-BX-28P-(015-020)	1/4-28UNF	2.5mm/3.0mm/3.2mm OD	0.15~0.20 N·m	Yellow flat screw head	PP natural
YJLDZ-BX-06P-(015-020)	M6	2.5mm/3.0mm/3.2mm OD	0.15~0.20 N·m	Yellow flat screw head	PP natural
YJLDZ-HX-28P-(015-020)	1/4-28UNF	2.5mm/3.0mm/3.2mm OD	0.15~0.20 N·m	Yellow flower-shaped screw head	PP natural
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YJLDZ-BX-28P-(020-025)	1/4-28UNF	2.5mm/3.0mm/3.2mm OD	0.20~0.25 N·m	Red flat screw head	PP natural
YJLDZ-BX-06P-(020-025)	M6	2.5mm/3.0mm/3.2mm OD	0.20~0.25 N·m	Red flat screw head	PP natural
YJLDZ-HX-28P-(020-025)	1/4-28UNF	2.5mm/3.0mm/3.2mm OD	0.20~0.25 N·m	Red flower-shaped screw head	PP natural
YJLDZ-HX-06P-(020-025)	M6	2.5mm/3.0mm/3.2mm OD	0.20~0.25 N·m	Red flower-shaped screw head	PP natural
YJLDZ-YX-28E-S(011-015)	1/4-28UNF	1.6mm/2.0mm OD	0.11~0.15 N·m	Blue round screw head	PTFE natural
YJLDZ-YX-06E-S(011-015)	M6	1.6mm/2.0mm OD	0.11~0.15 N·m	Blue round screw head	PTFE natural
YJLDZ-BX-28E-S(011-015)	1/4-28UNF	1.6mm/2.0mm OD	0.11~0.15 N·m	Blue flat screw head	PTFE natural
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YJLDZ-HX-28E-S(015-020)	1/4-28UNF	1.6mm/2.0mm OD	0.15~0.20 N·m	Yellow flower-shaped screw head	PTFE natural
YJLDZ-HX-06E-S(015-020)	M6	1.6mm/2.0mm OD	0.15~0.20 N·m	Yellow flower-shaped screw head	PTFE natural
YJLDZ-BX-28E-S(020-025)	1/4-28UNF	1.6mm/2.0mm OD	0.20~0.25 N·m	Red flat screw head	PTFE natural
YJLDZ-BX-06E-S(020-025)	M6	1.6mm/2.0mm OD	0.20~0.25 N·m	Red flat screw head	PTFE natural
YJLDZ-HX-28E-S(020-025)	1/4-28UNF	1.6mm/2.0mm OD	0.20~0.25 N·m	Red flower-shaped screw head	PTFE natural
YJLDZ-HX-06E-S(020-025)	M6	1.6mm/2.0mm OD	0.20~0.25 N·m	Red flower-shaped screw head	PTFE natural
YJLDZ-YX-28E-(011-015)	1/4-28UNF	2.5mm/3.0mm/3.2mm OD	0.11~0.15 N·m	Blue round screw head	PTFE natural
YJLDZ-YX-06E-(011-015)	M6	2.5mm/3.0mm/3.2mm OD	0.11~0.15 N·m	Blue round screw head	PTFE natural
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YJLDZ-BX-28E-(015-020)	1/4-28UNF	2.5mm/3.0mm/3.2mm OD	0.15~0.20 N·m	Yellow flat screw head	PTFE natural
YJLDZ-BX-06E-(015-020)	M6	2.5mm/3.0mm/3.2mm OD	0.15~0.20 N·m	Yellow flat screw head	PTFE natural
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YJLDZ-BX-06E-(020-025)	M6	2.5mm/3.0mm/3.2mm OD	0.20~0.25 N·m	Red flat screw head	PTFE natural
YJLDZ-HX-28E-(020-025)	1/4-28UNF	2.5mm/3.0mm/3.2mm OD	0.20~0.25 N·m	Red flower-shaped screw head	PTFE natural
YJLDZ-HX-06E-(020-025)	M6	2.5mm/3.0mm/3.2mm OD	0.20~0.25 N·m	Red flower-shaped screw head	PTFE natural