



Pre-torque Flangeless Fittings

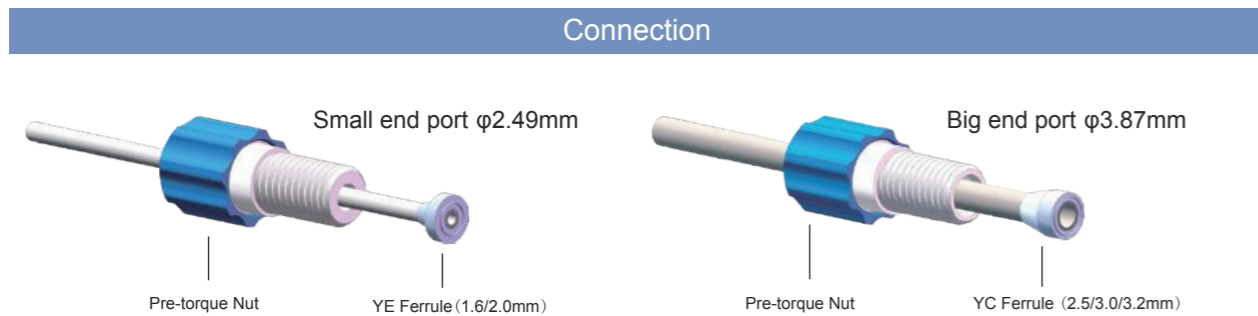
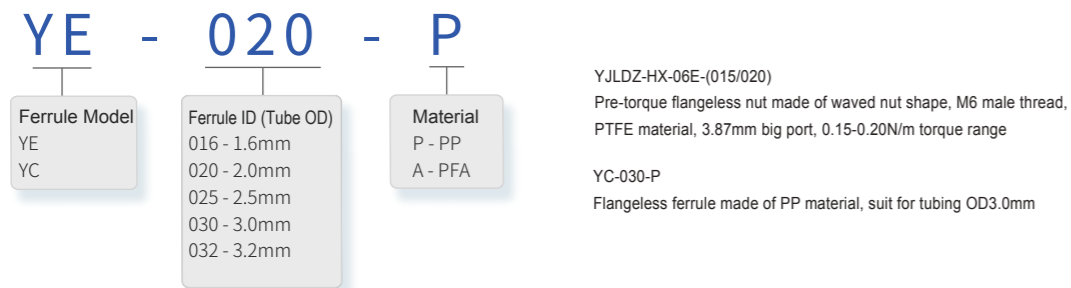
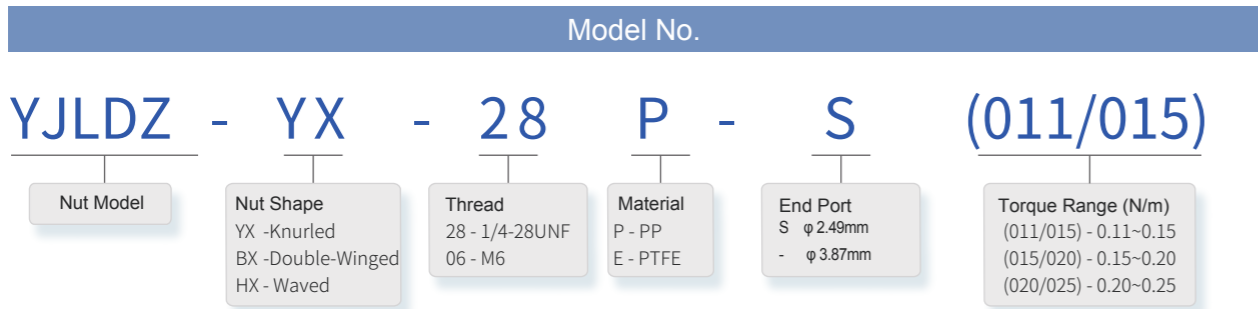
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Pre-torque flangeless fittings offers a unique system for hand-tight fittings. As the fitting is tightened, the resistance of the cap increases until the correct torque is reached at which point the cap clicks. The user is able to hand-tighten the fittings without tools or guesswork and be confident that the fitting is properly seated, creating a secure seal without damaging the port through over-tightening. The fitting can be unscrewed and reused dozens of times.

- The only multiuse fingertight fittings that cannot be over-tightened or under-tightened
- PP or PTFE pre-torque flangeless nut come with PP or PFA ferrule
- Compatible with flat bottom receiving port
- Offer three torque ranges from 0.11 to 0.25N/m in wide application possibilities
- Offer three types of caps (Knurled, Double-Winged, Waved) to cover more possible application requirements
- Used for standard rigid tubing OD1/16" (1.6mm), 1/8" (3.175mm), 2.0/2.5/3.0/3.2mm

Application Note

- 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 or wrench tighten the fittings until the cap comes out "click" which means properly tightened
- Step 4. After disassembling, the ferrules should be replaced in next assembly and connection



Specification

Nut Model	Thread	Material	Torque Range	Operating Environment	Ferrule Model	Tube OD
YJLDZ-YX-28P/E-S(011-015)	1/4-28UNF	PP/PTFE	0.11~0.15 N/m	Room Temperature Normal Pressure Wall thickness≤0.5mm		
YJLDZ-YX-06P/E-S(011-015)	M6	PP/PTFE				
YJLDZ-BX-28P/E-S(011-015)	1/4-28UNF	PP/PTFE				
YJLDZ-BX-06P/E-S(011-015)	M6	PP/PTFE				
YJLDZ-HX-28P/E-S(011-015)	1/4-28UNF	PP/PTFE	0.15~0.20 N/m	Room Temperature Normal Pressure Wall thickness>0.5mm	YE-016 YE-020	1.6mm 2.0mm
YJLDZ-HX-06P/E-S(011-015)	M6	PP/PTFE				
YJLDZ-BX-28P/E-S(015-020)	1/4-28UNF	PP/PTFE				
YJLDZ-BX-06P/E-S(015-020)	M6	PP/PTFE				
YJLDZ-HX-28P/E-S(015-020)	1/4-28UNF	PP/PTFE	0.20~0.25 N/m	More than 100℃ Pressure >0.8Mpa Wall thickness>0.5mm		
YJLDZ-HX-06P/E-S(015-020)	M6	PP/PTFE				
YJLDZ-BX-28P/E-S(020-025)	1/4-28UNF	PP/PTFE				
YJLDZ-BX-06P/E-S(020-025)	M6	PP/PTFE				
YJLDZ-HX-28P/E-S(020-025)	1/4-28UNF	PP/PTFE	0.11~0.15 N/m	Room Temperature Normal Pressure Wall thickness≤0.5mm		
YJLDZ-HX-06P/E-S(020-025)	M6	PP/PTFE				
YJLDZ-YX-28P/E-(011-015)	1/4-28UNF	PP/PTFE				
YJLDZ-YX-06P/E-(011-015)	M6	PP/PTFE				
YJLDZ-BX-28P/E-(011-015)	1/4-28UNF	PP/PTFE	0.15~0.20 N/m	Room Temperature Normal Pressure Wall thickness>0.5mm	YC-025 YC-030 YC-032	2.5mm 3.0mm 3.2mm
YJLDZ-BX-06P/E-(011-015)	M6	PP/PTFE				
YJLDZ-HX-28P/E-(011-015)	1/4-28UNF	PP/PTFE				
YJLDZ-HX-06P/E-(011-015)	M6	PP/PTFE				
YJLDZ-BX-28P/E-(015-020)	1/4-28UNF	PP/PTFE	0.20~0.25 N/m	More than 100℃ Pressure >0.8Mpa Wall thickness>0.5mm		
YJLDZ-BX-06P/E-(015-020)	M6	PP/PTFE				
YJLDZ-HX-28P/E-(015-020)	1/4-28UNF	PP/PTFE				
YJLDZ-HX-06P/E-(015-020)	M6	PP/PTFE				
YJLDZ-BX-28P/E-(020-025)	1/4-28UNF	PP/PTFE				
YJLDZ-BX-06P/E-(020-025)	M6	PP/PTFE				
YJLDZ-HX-28P/E-(020-025)	1/4-28UNF	PP/PTFE				
YJLDZ-HX-06P/E-(020-025)	M6	PP/PTFE				

Dimension (unit: mm)

