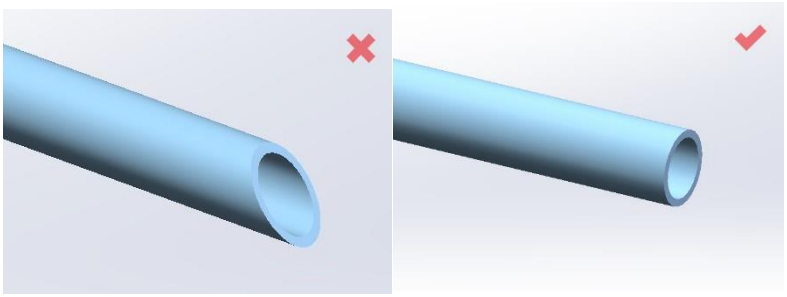
Thank you for using this connecting product of our company. In order to let you experience the product swimmingly. We recommend the installer read and follow the instruction precautions and warnings and warnings carefully before using the products in pressurized systems. Failure to comply all the instruction precautions and warnings may result in property damage or bodily harm. Yoefit disclaims any responsibility in the case of damage for mis-use of the products.

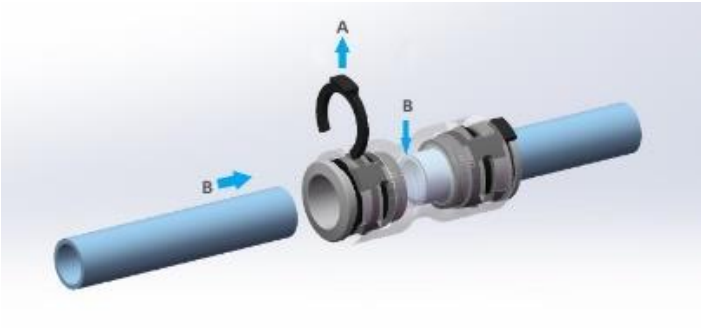
Preparation



Check the external diameter of the Microduct (maximum allowed tolerance +/- 0,1mm).Make sure that the Microduct external size and the push-in system size of the Connector are the same. The part of the Microduct that is to be inserted into the Connector must be round. The part has to be inserted into the Connector of the Microduct must be cut square (90° angle), and using the correct tube cutter. Make sure that there is no foreign matter inside the microduct connector and microduct.

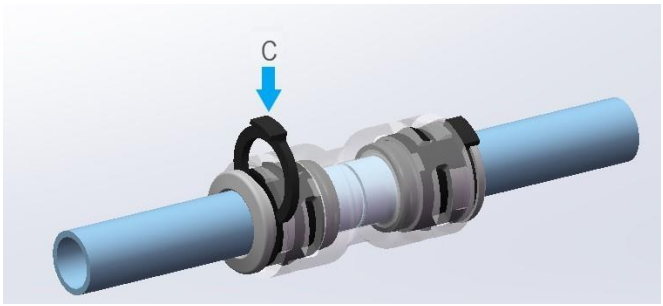
Connecting microduct

Connect the Microduct by hand, without using any kind of tool.The microduct inserted into the connector requires moderate force.Visually inspect the transparent body of the connector to ensure that the microtube is inserted correctly and completely. In order to avoid any possible problems in the optical fiber blowing process, the connector must not be installed in a microduct with a small bend radius, but must be installed in a straight section. Even if the microduct is not fully inserted into the stop wall, it may be pinched. An incompletely inserted microcatheter may cause malfunctions and leaks.



A- Pull out the safety lock clip completely

B – Push the microduct in all the way to the stop wall.



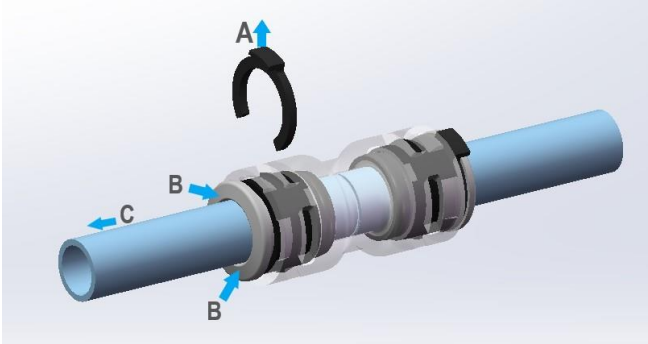
C- Pull in the safety lock clip completely

Make sure that the correct size safety lock clip is installed correctly to avoid any possible accidental disconnection of the Mircroduct.

Do not use our product in an environment where the ambient temperature and/or fluid temperature and pressure may exceed those indicated in our instructions.

Removing microduct

In order to disconnect the Microduct from the connector, please make sure that the pressure in the system has been completely eliminated before any operation. All connection and disconnection operations, including the installation and removal of the safety lock clip, do not need to use any tools to avoid damage to the connector.

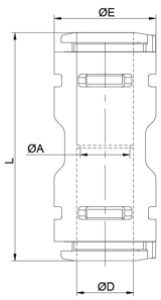


A- Pull out the safety lock clip completely

B-Press and hold the safety lock

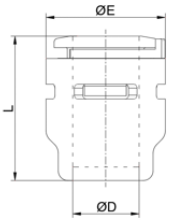
C- Pull out the microduct outward

DSM — Reference Straight microduct connectors



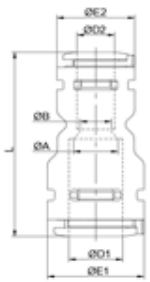
CODE	ØD(mm)	ØA(mm)	ØE(mm)	L(mm)
DSM07	7	6	14.9	32.4
DSM10	10	9	18.5	41.3
DSM12	12	11	21	46.5
DSM14	14	13	24.9	48.8
DSM16	16	15	27.8	52.5
DSM20	20	19	33	59

ES — Reference Microduct endstop connectors



CODE	ØD(mm)	ØE(mm)	L(mm)
ES07	7	14.9	18.1
ES10	10	18.5	22.5
ES12	12	21	25.4
ES14	14	24.9	26.9
ES16	16	27.8	29.2
ES20	20	33	32.9

RSM — Reference Reduction microduct connectors



CODE	ØA (mm)	ØB (mm)	ØD1 (mm)	ØD2 (mm)	ØE1 (mm)	ØE2 (mm)	L (mm)
RSM10/7	8.5	6	10	7	18.5	14.9	38.6
RSM12/10	10.5	9	12	10	21	18.5	46.0
RSM14/12	12.5	11	14	12	24.9	21	49.9

According to the installation site of the blown optical fiber, our connector has done many repetitive experiments. The manufacturing of YOE.Fit complies with EN 50411-2-8.

Performance

Minimum: -30℃
Maximum: +50℃

Working Pressure: 15bar
Burst Pressure: 45bar
Tensile strength: Compliance Technical Specification SpeedNet of Telecom

Body: Transparent HP Polymer
Seal: NBR
Cartridge: Techno Polymer
Lock Claw: Stainless Steel
Safety Locking Clip: Techno Polymer
Support Ring: Techno Polymer

EN 50411-2-8：Microduct connectors Product specifications
EN 61300-2-38:2006, Method A: Sealing performance
EN 61300-2-38:2006, Method B: Pressure loss
EN 61300-3-1: Visual appearance
EN 61300-2-4: Microduct retention
EN 61300-2-10: Crush resistance
EN 60794-1-2:2003, Method E4: Impact
EN 61300-2-33: Re-entries
EN 61300-2-22: Change of temperature
EN 61300-2-23:1997, Method 2: Water immersion
EN 61300-2-26: Salt mist
EN 61300-2-34: Chemical resistance
EN 50411-2-8: Annex C: High pressure resistance
EN 50411-2-8: Annex D: Installation test
EN 50411-2-8: Annex E: Insertion force
EN 60529: IP 68
EN 61386-22: Glow Wire Test at 750 ℃
EN 61386-24: Conduit systems buried underground