

Composite Push-to-Connect Fittings

The oval design of the release button provides a larger surface area making tubing disconnection easier than standard round style collets.

A variety of configurations are available to accommodate connection requirements. To ensure a leakproof fit, thread sealant is standard on all male pipe threads while the 10-32 UNF thread features a captive o-ring for a superior seal.

- Black Polybutylene and nickel plated brass construction
- Oval release button eases tubing disconnection
- Threaded sealant standard on pipe threads
- Captive o-ring seals (10-32 UNF threads only)
- Stainless steel gripper ring
- Recommended for use with 95A Polyurethane, Polyethylene and Nylon Tubing
- Vacuum applications to 29.5" Hg



Technical Data

Performance Data

Operating Pressure	Maximum Pressure	Temperature Range	Media
29.5" Hg to 150 psi	250 psi	32° to 140°F	Air, Vacuum

Materials

Body	Seals	Collet (Release Button)	Gripper	Collar
Polybutylene and nickel plated brass	Buna-N	Polyacetate	Stainless Steel	Zinc Dichromate

Tubing Installation

1. Use a sharp tube cutter to ensure a clean, square cut. The outer diameter of the tube must be free of sharp edges, debris, burrs and score marks.
2. Insert the tubing into the fitting until it stops.
3. Gently pull the tubing back to engage the gripper ring. Internal stainless steel gripper teeth grasp the tube and prevent it from being released.

Tubing Disconnection

1. Push in the oval release button to retract the gripper teeth.
2. Pull the tubing out while the release button is depressed.

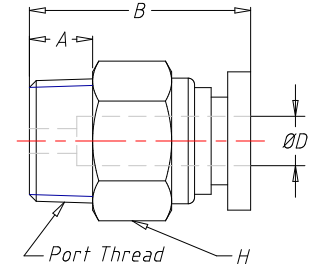
Recommended Torque for Different Thread Specification

Thread Type	Thread Type	Torque
UNF (Unified)	10-32	13-16.5 in/lbs
	1/8	5-6.5 ft/lbs
NPT Thread	1/4	8.7-10.1 ft/lbs
	3/8	15.9-17.3 ft/lbs
	1/2	20.25-21.7 ft/lbs

Product Information

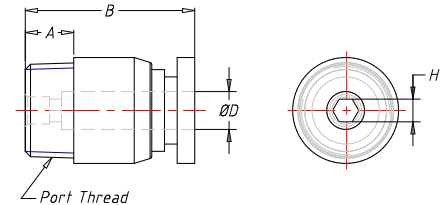
Dimensions – Male Connector

Part Number	Tube ØD	Thread Size	A	B	H
CPB125-1032	1/8" OD	10-32 UNF	0.2	0.7	7/16
CPB125-1/8	1/8" OD	1/8 NPT	0.3	0.8	7/16
CPB125-1/4	1/8" OD	1/4 NPT	0.4	0.8	9/16
CPB156-1032	5/32" OD	10-32 UNF	0.1	0.7	7/16
CPB156-1/8	5/32" OD	1/8 NPT	0.2	0.7	7/16
CPB156-1/4	5/32" OD	1/4 NPT	0.4	0.7	9/16
CPB250-1032	1/4" OD	10-32 UNF	0.1	0.8	1/2
CPB250-1/8	1/4" OD	1/8 NPT	0.2	0.8	1/2
CPB250-1/4	1/4" OD	1/4 NPT	0.4	0.8	9/16
CPB250-3/8	1/4" OD	3/8 NPT	0.4	0.8	11/16
CPB312-1/8	5/16" OD	1/8 NPT	0.2	1.0	9/16
CPB312-1/4	5/16" OD	1/4 NPT	0.4	1.0	9/16
CPB312-3/8	5/16" OD	3/8 NPT	0.4	0.9	11/16
CPB375-1/8	3/8" OD	1/8 NPT	0.2	1.1	11/16
CPB375-1/4	3/8" OD	1/4 NPT	0.4	1.2	11/16
CPB375-3/8	3/8" OD	3/8 NPT	0.4	1.1	11/16
CPB500-1/4	1/2" OD	1/4 NPT	0.4	1.3	7/8
CPB500-3/8	1/2" OD	3/8 NPT	0.4	1.1	7/8
CPB500-1/2	1/2" OD	1/2 NPT	0.5	1.1	7/8



Dimensions – Round Male Connector

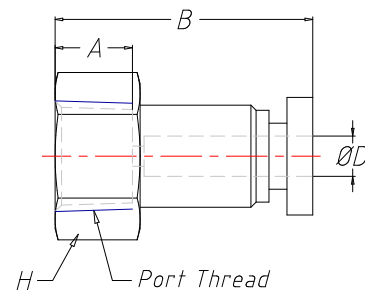
Part Number	Tube ØD	Thread Size	A	B	H	Fitting ØD +/- .01
CPBR125-1032	1/8" OD	10-32 UNF	0.2	0.7	N/A	0.40
CPBR125-1/8	1/8" OD	1/8 NPT	0.3	0.8	3mm	0.40
CPBR125-1/4	1/8" OD	1/4 NPT	0.4	0.8	3mm	0.55
CPBR156-1032	5/32" OD	10-32 UNF	0.1	0.7	N/A	0.40
CPBR156-1/8	5/32" OD	1/8 NPT	0.2	0.7	3mm	0.40
CPBR156-1/4	5/32" OD	1/4 NPT	0.4	0.7	3mm	0.55
CPBR250-1032	1/4" OD	10-32 UNF	0.1	0.8	N/A	0.47
CPBR250-1/8	1/4" OD	1/8 NPT	0.2	0.8	4mm	0.47
CPBR250-1/4	1/4" OD	1/4 NPT	0.4	0.8	4mm	0.55
CPBR250-3/8	1/4" OD	3/8 NPT	0.4	0.8	4mm	0.67
CPBR312-1/8	5/16" OD	1/8 NPT	0.2	1.0	5mm	0.55
CPBR312-1/4	5/16" OD	1/4 NPT	0.4	1.0	6mm	0.55
CPBR312-3/8	5/16" OD	3/8 NPT	0.2	1.1	6mm	0.67
CPBR375-1/8	3/8" OD	1/8 NPT	0.2	1.1	5mm	0.67
CPBR375-1/4	3/8" OD	1/4 NPT	0.4	1.2	6mm	0.67
CPBR375-3/8	3/8" OD	3/8 NPT	0.4	1.1	8mm	0.67



Product Information

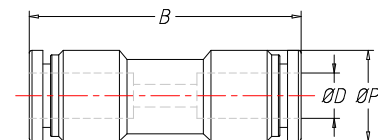
Dimensions – Female Connector

Part Number	Tube ØD	Thread Size	A	B	H
CPFB156-1/8	5/32" OD	1/8 NPT (F)	0.3	1.0	9/16
CPFB156-1/4	5/32" OD	1/4 NPT (F)	0.4	1.1	11/16
CPFB250-1/8	1/4" OD	1/8 NPT (F)	0.4	1.1	11/16
CPFB250-1/4	1/4" OD	1/4 NPT (F)	0.4	1.1	11/16
CPFB312-1/8	5/16" OD	1/8 NPT (F)	0.3	1.0	9/16
CPFB312-1/4	5/16" OD	1/4 NPT (F)	0.4	1.3	11/16
CPFB312-3/8	5/16" OD	3/8 NPT (F)	0.4	1.2	7/8
CPFB375-1/4	3/8" OD	1/4 NPT (F)	0.4	1.3	11/16
CPFB375-3/8	3/8" OD	3/8 NPT (F)	0.4	1.3	7/8
CPFB375-1/2	3/8" OD	1/2 NPT (F)	0.5	1.4	7/8
CPFB500-1/4	1/2" OD	1/4 NPT (F)	0.4	1.3	7/8
CPFB500-3/8	1/2" OD	3/8 NPT (F)	0.4	1.4	7/8



Dimensions – Union Connector

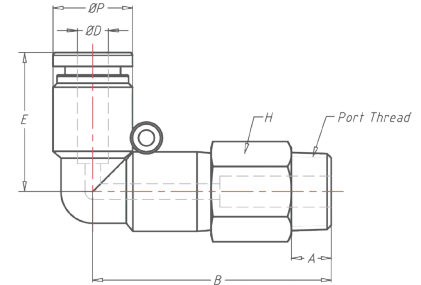
Part Number	Tube ØD	B	ØP
CPU125	1/8" OD	1.3	0.4
CPU156	5/32" OD	1.2	0.4
CPU250	1/4" OD	1.3	0.5
CPU312	5/16" OD	1.5	0.5
CPU375	3/8" OD	1.8	0.7
CPU500	1/2" OD	1.9	0.8



Product Information

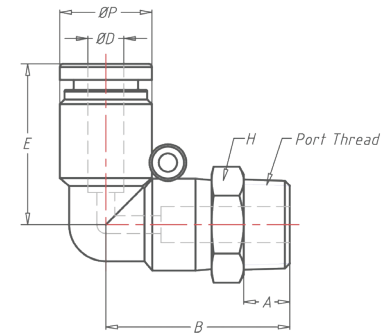
Dimensions – Extended Male Elbow, Swivel

Part Number	Tube ØD	Thread Size	A	B	E	H	ØP
CPELS125-1/8	1/8" OD	1/8 NPT	0.3	1.3	0.7	7/16	0.4
CPELS125-1/4	1/8" OD	1/4 NPT	0.4	1.3	0.7	9/16	0.4
CPELS156-1032	5/32" OD	10-32 UNF	0.1	1.2	0.7	7/16	0.4
CPELS156-1/8	5/32" OD	1/8 NPT	0.2	1.2	0.7	7/16	0.4
CPELS250-1/8	1/4" OD	1/8 NPT	0.2	1.5	0.7	1/2	0.5
CPELS250-1/4	1/4" OD	1/4 NPT	0.4	1.6	0.7	9/16	0.5
CPELS250-3/8	1/4" OD	3/8 NPT	0.4	1.6	0.7	11/16	0.5
CPELS312-1/8	5/16" OD	1/8 NPT	0.2	1.7	0.9	9/16	0.5
CPELS312-1/4	5/16" OD	1/4 NPT	0.4	1.7	0.9	9/16	0.5
CPELS312-3/8	5/16" OD	3/8 NPT	0.4	1.8	0.9	11/16	0.5
CPELS375-1/8	3/8" OD	1/8 NPT	0.2	2.1	1	11/16	0.7
CPELS375-1/4	3/8" OD	1/4 NPT	0.4	2.2	1	11/16	0.7
CPELS375-3/8	3/8" OD	3/8 NPT	0.4	2.3	1	11/16	0.7
CPELS500-1/4	1/2" OD	1/4 NPT	0.4	2.3	1.1	7/8	0.8
CPELS500-3/8	1/2" OD	3/8 NPT	0.4	2.4	1.1	7/8	0.8
CPELS500-1/2	1/2" OD	1/2 NPT	0.5	2.5	1.1	7/8	0.8



Dimensions – Male Elbow, Swivel

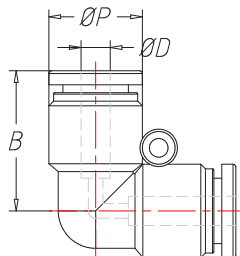
Part Number	Tube ØD	Thread Size	A	B	E	H	ØP
CPLS125-1032	1/8" OD	10-32 UNF	0.2	0.8	0.7	7/16	0.4
CPLS125-1/8	1/8" OD	1/8 NPT	0.3	0.9	0.7	7/16	0.4
CPLS125-1/4	1/8" OD	1/4 NPT	0.4	1.0	0.7	9/16	0.4
CPLS156-1032	5/32" OD	10-32 UNF	0.1	0.9	0.7	7/16	0.4
CPLS156-1/8	5/32" OD	1/8 NPT	0.2	0.8	0.7	1/2	0.4
CPLS156-1/4	5/32" OD	1/4 NPT	0.4	1.0	0.7	9/16	0.4
CPLS250-1032	1/4" OD	10-32 UNF	0.1	0.9	0.7	1/2	0.5
CPLS250-1/8	1/4" OD	1/8 NPT	0.2	1.0	0.7	1/2	0.5
CPLS250-1/4	1/4" OD	1/4 NPT	0.4	1.1	0.7	9/16	0.5
CPLS250-3/8	1/4" OD	3/8 NPT	0.4	1.1	0.7	11/16	0.5
CPLS312-1/8	5/16" OD	1/8 NPT	0.2	1.1	0.9	9/16	0.5
CPLS312-1/4	5/16" OD	1/4 NPT	0.4	1.2	0.9	9/16	0.5
CPLS312-3/8	5/16" OD	3/8 NPT	0.4	1.3	0.9	11/16	0.5
CPLS375-1/8	3/8" OD	1/8 NPT	0.2	1.3	1	11/16	0.7
CPLS375-1/4	3/8" OD	1/4 NPT	0.4	1.4	1	11/16	0.7
CPLS375-3/8	3/8" OD	3/8 NPT	0.4	1.5	1	11/16	0.7
CPLS500-1/4	1/2" OD	1/4 NPT	0.4	1.5	1.1	7/8	0.8
CPLS500-3/8	1/2" OD	3/8 NPT	0.4	1.5	1.1	7/8	0.8
CPLS500-1/2	1/2" OD	1/2 NPT	0.5	1.6	1.1	7/8	0.8



Product Information

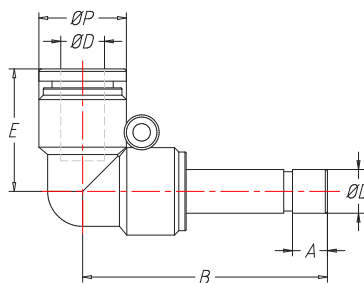
Dimensions – Union Elbow

Part Number	Tube ØD	B	ØP
CPUE125	1/8" OD	0.7	0.4
CPUE156	5/32" OD	0.7	0.4
CPUE250	1/4" OD	0.7	0.5
CPUE312	5/16" OD	0.9	0.5
CPUE375	3/8" OD	1.0	0.7
CPUE500	1/2" OD	1.1	0.8



Dimensions – Tube to Stem Elbow

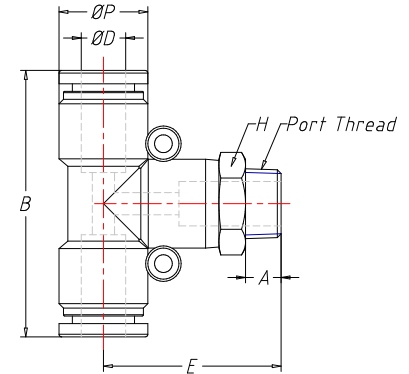
Part Number	Tube ØD	A	B	E	ØP
CPTSE156	5/32" OD	0.2	1.2	0.7	0.4
CPTSE250	1/4" OD	0.2	1.4	0.7	0.5
CPTSE312	5/16" OD	0.3	1.6	0.9	0.5
CPTSE375	3/8" OD	0.3	2.0	1	0.7
CPTSE500	1/2" OD	0.3	2.1	1.1	0.8



Product Information

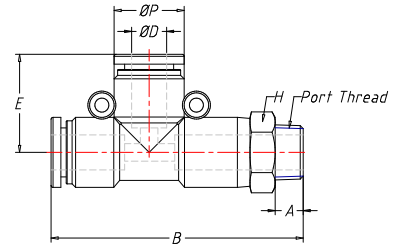
Dimensions – Male Branch Tee, Swivel

Part Number	Tube ØD	Thread Size	A	B	E	H	ØP
CPTS125-1/8	1/8" OD	1/8 NPT	0.3	1.4	1.0	7/16	0.4
CPTS156-1032	5/32" OD	10-32 UNF	0.1	1.4	0.8	7/16	0.4
CPTS156-1/8	5/32" OD	1/8 NPT	0.2	1.4	1	7/16	0.4
CPTS156-1/4	5/32" OD	1/4 NPT	0.4	1.4	1.1	9/16	0.4
CPTS250-1032	1/4" OD	10-32 UNF	0.1	1.5	0.9	1/2	0.5
CPTS250-1/8	1/4" OD	1/8 NPT	0.2	1.5	1	1/2	0.5
CPTS250-1/4	1/4" OD	1/4 NPT	0.4	1.5	1.1	9/16	0.5
CPTS250-3/8	1/4" OD	3/8 NPT	0.4	1.5	1.2	11/16	0.5
CPTS312-1/8	5/16" OD	1/8 NPT	0.2	1.7	1.1	9/16	0.5
CPTS312-1/4	5/16" OD	1/4 NPT	0.4	1.7	1.2	9/16	0.5
CPTS312-3/8	5/16" OD	3/8 NPT	0.4	1.7	1.3	11/16	0.5
CPTS375-1/8	3/8" OD	1/8 NPT	0.2	2.2	1.3	11/16	0.7
CPTS375-1/4	3/8" OD	1/4 NPT	0.4	2.2	1.4	11/16	0.7
CPTS375-3/8	3/8" OD	3/8 NPT	0.4	2.2	1.5	11/16	0.7
CPTS375-1/2	3/8" OD	1/2 NPT	0.5	2.2	1.6	7/8	0.7
CPTS500-1/4	1/2" OD	1/4 NPT	0.4	2.3	1.5	7/8	0.8
CPTS500-3/8	1/2" OD	3/8 NPT	0.4	2.3	1.6	7/8	0.8
CPTS500-1/2	1/2" OD	1/2 NPT	0.5	2.3	1.6	7/8	0.8



Dimensions – Male Run Tee, Swivel

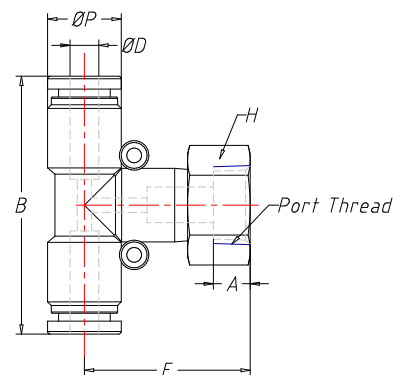
Part Number	Tube ØD	Thread Size	A	B	E	H	ØP
CPRTS156-1032	5/32" OD	10-32 UNF	0.1	1.5	0.7	7/16	0.4
CPRTS156-1/8	5/32" OD	1/8 NPT	0.2	1.6	0.7	7/16	0.4
CPRTS156-1/4	5/32" OD	1/4 NPT	0.4	1.7	0.7	9/16	0.4
CPRTS250-1032	1/4" OD	10-32 UNF	0.1	1.6	0.7	1/2	0.5
CPRTS250-1/8	1/4" OD	1/8 NPT	0.2	1.8	0.7	1/2	0.5
CPRTS250-1/4	1/4" OD	1/4 NPT	0.4	1.9	0.7	9/16	0.5
CPRTS250-3/8	1/4" OD	3/8 NPT	0.5	2.1	0.7	7/8	0.5
CPRTS312-1/8	5/16" OD	1/8 NPT	0.2	2.0	0.9	9/16	0.5
CPRTS312-1/4	5/16" OD	1/4 NPT	0.4	2.2	0.9	9/16	0.5
CPRTS312-3/8	5/16" OD	3/8 NPT	0.4	2.2	0.9	11/16	0.5
CPRTS375-1/8	3/8" OD	1/8 NPT	0.2	2.4	1.1	11/16	0.7
CPRTS375-1/4	3/8" OD	1/4 NPT	0.4	2.5	1.1	11/16	0.7
CPRTS375-3/8	3/8" OD	3/8 NPT	0.4	2.6	1.1	11/16	0.7
CPRTS375-1/2	3/8" OD	1/2 NPT	0.5	2.7	1.1	7/8	0.7
CPRTS500-1/4	1/2" OD	1/4 NPT	0.2	2.6	1.1	7/8	0.8
CPRTS500-3/8	1/2" OD	3/8 NPT	0.4	2.7	1.1	7/8	0.8
CPRTS500-1/2	1/2" OD	1/2 NPT	0.5	2.8	1.1	7/8	0.8
CPLS500-1/2	1/2" OD	1/2 NPT	0.5	1.6	1.1	7/8	0.8



Product Information

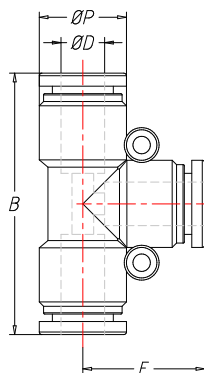
Dimensions – Female Branch Tee

Part Number	Tube ØD	Thread Size	A	B	E	H	ØP
CPFBT156-1/8	5/32" OD	1/8 NPT (F)	0.2	1.4	0.9	9/16	0.4
CPFBT156-1/4	5/32" OD	1/4 NPT (F)	0.3	1.4	1	11/16	0.4
CPFBT250-1032	1/4" OD	10-32 UNF (F)	0.1	1.5	0.8	9/16	0.5
CPFBT250-1/8	1/4" OD	1/8 NPT (F)	0.2	1.5	0.9	9/16	0.5
CPFBT250-1/4	1/4" OD	1/4 NPT (F)	0.3	1.5	1	11/16	0.5
CPFBT250-3/8	1/4" OD	3/8 NPT (F)	0.4	1.5	1.1	7/8	0.5
CPFBT312-1/8	5/16" OD	1/8 NPT (F)	0.2	1.7	1	9/16	0.5
CPFBT312-1/4	5/16" OD	1/4 NPT (F)	0.3	1.7	1.2	11/16	0.5
CPFBT312-3/8	5/16" OD	3/8 NPT (F)	0.4	1.7	1.2	7/8	0.5
CPFBT375-1/8	3/8" OD	1/8 NPT (F)	0.4	2.2	1.4	7/8	0.7
CPFBT375-1/4	3/8" OD	1/4 NPT (F)	0.3	2.2	1.3	11/16	0.7
CPFBT375-3/8	3/8" OD	3/8 NPT (F)	0.4	2.2	1.4	7/8	0.7
CPFBT375-1/2	3/8" OD	1/2 NPT (F)	0.5	2.2	1.4	7/8	0.7
CPFBT500-1/2	1/2" OD	1/2 NPT (F)	0.5	2.3	1.5	7/8	0.8



Dimensions – Union Tee

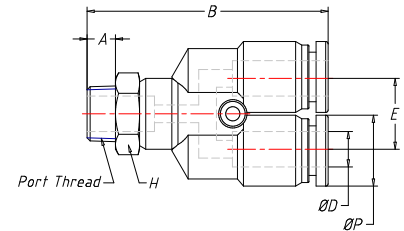
Part Number	Tube ØD	B	E	ØP
CPT125	1/8" OD	1.4	0.4	0.7
CPT156	5/32" OD	1.4	0.7	0.4
CPT250	1/4" OD	1.5	0.7	0.5
CPT312	5/16" OD	1.7	0.9	0.5
CPT375	3/8" OD	2.2	1.1	0.7
CPT500	1/2" OD	2.3	1.5	0.8



Product Information

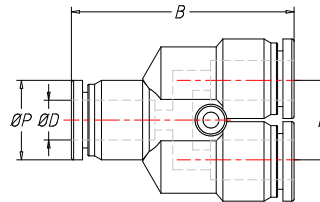
Dimensions – Male Y, Swivel

Part Number	Tube ØD	Thread Size	A	B	E	H	ØP
CPYS156-1032	5/32" OD	10-32 UNF	0.1	1.5	0.4	7/16	0.4
CPYS156-1/8	5/32" OD	1/8 NPT	0.2	1.6	0.4	7/16	0.4
CPYS156-1/4	5/32" OD	1/4 NPT	0.4	1.8	0.4	9/16	0.4
CPYS250-1032	1/4" OD	10-32 UNF	0.1	1.6	0.5	1/2	0.5
CPYS250-1/8	1/4" OD	1/8 NPT	0.2	1.7	0.5	1/2	0.5
CPYS250-1/4	1/4" OD	1/4 NPT	0.4	1.8	0.5	9/16	0.5
CPYS250-3/8	1/4" OD	3/8 NPT	0.4	1.9	0.5	11/16	0.5
CPYS312-1/8	5/16" OD	1/8 NPT	0.2	1.8	0.5	9/16	0.5
CPYS312-1/4	5/16" OD	1/4 NPT	0.4	1.9	0.5	9/16	0.5
CPYS312-3/8	5/16" OD	3/8 NPT	0.4	2.0	0.5	11/16	0.5
CPYS375-1/8	3/8" OD	1/8 NPT	0.2	2.4	0.7	11/16	0.7
CPYS375-1/4	3/8" OD	1/4 NPT	0.4	2.5	0.7	11/16	0.7
CPYS375-3/8	3/8" OD	3/8 NPT	0.4	2.5	0.7	11/16	0.7
CPYS375-1/2	3/8" OD	1/2 NPT	0.5	2.6	0.7	7/8	0.7
CPYS500-1/4	1/2" OD	1/4 NPT	0.2	2.5	0.8	7/8	0.8
CPYS500-3/8	1/2" OD	3/8 NPT	0.4	2.7	0.8	7/8	0.8
CPYS500-1/2	1/2" OD	1/2 NPT	0.4	2.8	0.8	7/8	0.8



Dimensions – Union Y

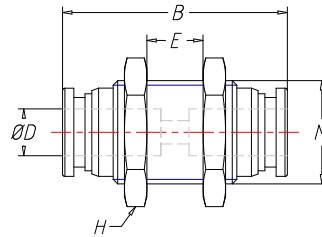
Part Number	Tube ØD	B	E	ØP
CPY125	1/8" OD	1.4	0.4	0.4
CPY156	5/32" OD	1.9	0.4	0.4
CPY250	1/4" OD	1.4	0.5	0.5
CPY312	5/16" OD	1.5	0.5	0.5
CPY375	3/8" OD	1.9	0.7	0.7
CPY500	1/2" OD	2.0	0.8	0.8



Product Information

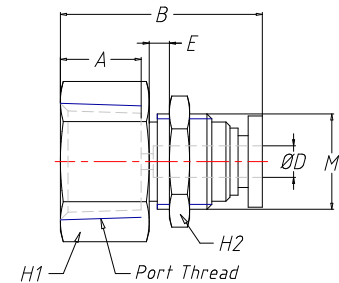
Dimensions – Union Bulkhead

Part Number	Tube ØD	B	E	H	M
CPBU125	1/8" OD	1.1	0.3	9/16	M12X1.0
CPBU156	5/32" OD	1.1	0.3	9/16	M12X1.0
CPBU250	1/4" OD	1.2	0.3	11/16	M14X1.0
CPBU312	5/16" OD	1.4	0.4	3/4	M16X1.0
CPBU375	3/8" OD	1.7	0.5	7/8	M20X1.0
CPBU500	1/2" OD	1.8	0.6	1	M22X1.0



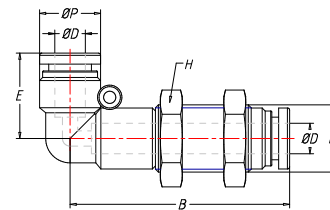
Dimensions – Female Bulkhead

Part Number	Tube ØD	Thread Size	A	B	E	H1	H2	M
CPFBU156-1/8	5/32" OD	1/8 NPT (F)	0.3	0.9	0.1	9/16	9/16	M12
CPFBU156-1/4	5/32" OD	1/4 NPT (F)	0.4	1.0	0.1	11/16	9/16	M12
CPFBU250-1/8	1/4" OD	1/8 NPT (F)	0.3	0.9	0.2	11/16	11/16	M14
CPFBU250-1/4	1/4" OD	1/4 NPT (F)	0.4	1.1	0.2	11/16	11/16	M14
CPFBU250-3/8	1/4" OD	3/8 NPT (F)	0.4	1.1	0.2	11/16	11/16	M14
CPFBU375-1/4	3/8" OD	1/4 NPT (F)	0.4	1.3	0.3	1	1	M20
CPFBU375-3/8	3/8" OD	3/8 NPT (F)	0.4	1.3	0.3	1	1	M20
CPFBU375-1/2	3/8" OD	1/2 NPT (F)	0.5	1.4	0.3	1	1	M20



Dimensions – Elbow Bulkhead

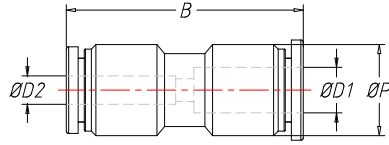
Part Number	Tube ØD	B	E	H	M	ØP
CPEUB156	5/32" OD	1.7	0.7	9/16	M12	0.4
CPEUB250	1/4" OD	1.8	0.7	11/16	M14	0.5
CPEUB312	5/16" OD	2.1	0.9	3/4	M16	0.5
CPEUB375	3/8" OD	2.5	1	7/8	M20	0.7



Product Information

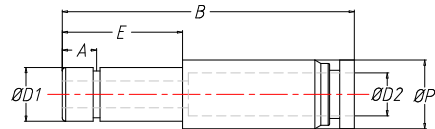
Dimensions – Reducer

Part Number	ØD1	ØD2	B	ØP
CPRU250-125	1/4"	1/8"	1.4	0.5
CPRU250-156	1/4"	5/32"	1.3	0.5
CPRU312-250	5/16"	1/4"	1.5	0.5
CPRU375-312	3/8"	5/16"	1.8	0.7
CPRU500-375	1/2"	3/8"	1.8	0.8



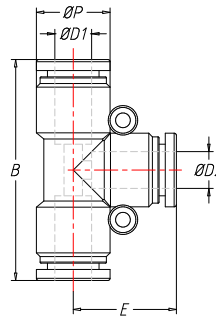
Dimensions – Stem Reducer

Part Number	ØD1	ØD2	A	B	E	ØP
CPSR250-125	1/4"	1/8"	0.2	1.6	0.7	0.4
CPSR250-156	1/4"	5/32"	0.2	1.6	0.6	0.3
CPSR312-250	5/16"	1/4"	0.2	1.7	0.7	0.4
CPSR375-312	3/8"	5/16"	0.3	1.8	0.9	0.5
CPSR500-375	1/2"	3/8"	0.3	2.1	0.9	0.6



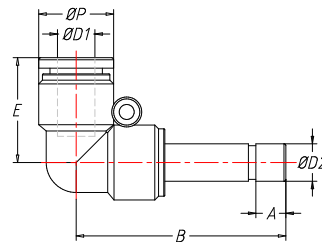
Dimensions – Reducing Tee

Part Number	ØD1	ØD2	B	E	ØP
CPRT250-125	1/4"	1/8"	1.5	0.7	0.5
CPRT250-156	1/4"	5/32"	1.4	0.7	0.5
CPRT312-250	5/16"	1/4"	1.7	0.9	0.5
CPRT375-312	3/8"	5/16"	2.1	1.1	0.7
CPRT500-375	1/2"	3/8"	2.2	1.5	0.8



Dimensions – Tube to Stem Elbow Reducer

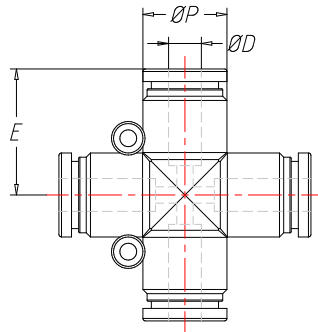
Part Number	ØD1	ØD2	A	B	E	ØP
CPTSER250-156	5/32"	1/4"	0.2	1.2	0.7	0.4
CPTSER312-250	1/4"	5/16"	0.2	1.4	0.7	0.5
CPTSER375-312	5/16"	3/8"	0.3	1.6	0.9	0.5
CPTSER500-375	3/8"	1/2"	0.3	1.8	1	0.7



Product Information

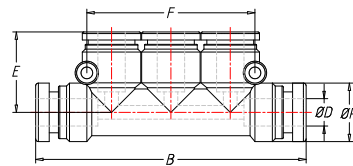
Dimensions – Union Cross

Part Number	Tube ØD	E	ØP
CPX156	5/32" OD	0.6	0.4
CPX250	1/4" OD	0.7	0.5
CPX312	5/16" OD	0.8	0.5
CPX375	3/8" OD	1.1	0.7
CPX500	1/2" OD	1.1	0.7



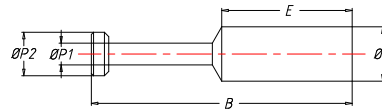
Dimensions – Union Branch

Part Number	Tube ØD	B	E	F	ØP
CPUB156	5/32" OD	2.2	0.7	1.4	0.5
CPUB250	1/4" OD	2.5	0.7	1.6	0.5
CPUB312	5/16" OD	3.1	0.9	1.9	0.7
CPUB375	3/8" OD	3.7	1.1	2.3	0.8



Dimensions – Union Branch

Part Number	ØD	B	E	ØP1	ØP2
CPP156	5/32" OD	1.1	0.5	0.1	0.1
CPP250	1/4" OD	1.2	0.6	0.1	0.2
CPP375	3/8" OD	1.6	0.8	0.1	0.4



CP B 250 - 1/8

Product Line	
CP = Composite Push-In	
Fitting Configuration	Substitute
Male Connector	B
Male Connector, Round	BR
Bulkhead Union	BU
Elbow, Extended Male Swivel	ELS
Elbow, Bulkhead	EUB
Female Connector	FB
Female Branch Tee	FBT
Female Bulkhead	FBU
Elbow, Male Swivel	LS
Plug	P
Tee, Reducing	RT
Run Tee, Male Swivel	RTS
Union, Reducing	RU
Stem Reducer	SR
Union Tee	T
Branch Tee, Male Swivel	TS
Elbow, Tube to Stem	TSE
Elbow, Reducing Tube to Stem	TSER
Union	U
Union Branch	UB
Union Elbow	UE
Cross	X
Union Y	Y
Y, Male Swivel	YS

Thread Size	Substitute
10-32 UNF	1032
1/8 NPT	1/8
1/4 NPT	1/4
3/8 NPT	3/8
1/2 NPT	1/2
Tube ØD	Substitute
1/8 ØD	125
5/32 ØD (4mm)	156
1/4 ØD	250
5/16 ØD (8mm)	312
3/8 ØD	375
1/2 ØD	500