

POLY CONN[®]

Master WAIRhouse[®]

Fluid Power Products

**DOT COMPOSITE
PUSH TO CONNECT
FITTINGS**

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QUESTIONS

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Features and Specifications for D.O.T. Composite Push to Connect Fittings

FEATURES

- Easy to assemble.
- Designed to resist mechanical pull-out.
- Can be assembled and disassembled repeatedly.
- Several parts available with an optional swivel male pipe thread.
- Swivel for installation purposes only.
- For use with SAE J844 Tubing.

ASSEMBLY INSTRUCTIONS

1. Cut tubing squarely - max of 15° angle allowed.
2. Check that port of mating part is clean.
3. Insert tubing into fitting until it bottoms (Push at least twice to verify that tubing is inserted past collet and O-Ring)
4. Pull on tubing to verify that it is fully inserted.
5. To disassemble, simply press release collar, hold it against fitting body and simultaneously pull tubing out of the fitting

SPECIFICATIONS

TEMPERATURE RANGE	PRESSURE RANGE	MATERIAL
-40°F - 140°F (-40°C - 60°C)	0 - 145 PSI	Composite Body Brass Thread

UNION Y



Part #	PTC A	PTC B	QTY
PC45CBD-4	1/4"	1/4"	5
PC45CBD-6	3/8"	3/8"	5
PC45CBDR-46	1/4"	3/8"	5
PC45CBDR-64	3/8"	1/4"	5

MALE Y



Part #	PTC	NPT M	QTY
PC47CBD-42	1/4"	1/8"	5
PC47CBD-44	1/4"	1/4"	5
PC47CBD-64	3/8"	1/4"	5

* SAE standards listed within are for reference only. We recommend a sample to verify compliance to desired specifications and suitability for particular applications.

45° MALE ELBOW



Part #	PTC	NPT M	QTY
PC54CBD-42	1/4"	1/8"	5
PC54CBD-44	1/4"	1/4"	5
PC54CBD-46	1/4"	3/8"	5
PC54CBD-62	3/8"	1/8"	5
PC54CBD-64	3/8"	1/4"	5
PC54CBD-66	3/8"	3/8"	5
PC54CBD-68	3/8"	1/2"	5
PC54CBD-84	1/2"	1/4"	5
PC54CBD-86	1/2"	3/8"	5
PC54CBD-88	1/2"	1/2"	5
PC54CBD-106	5/8"	3/8"	5
PC54CBD-108	5/8"	1/2"	5
PC54CBD-128	3/4"	1/2"	5

UNION ELBOW



Part #	PTC	QTY
PC65CBD-4	1/4"	5
PC65CBD-6	3/8"	5
PC65CBD-8	1/2"	5

FEMALE CONNECTOR



Part #	PTC	NPT F	QTY
PC66CBD-42	1/4"	1/8"	5
PC66CBD-44	1/4"	1/4"	5
PC66CBD-46	1/4"	3/8"	5
PC66CBD-62	3/8"	1/8"	5
PC66CBD-64	3/8"	1/4"	5
PC66CBD-66	3/8"	3/8"	5
PC66CBD-68	3/8"	1/2"	5
PC66CBD-82	1/2"	1/8"	5
PC66CBD-84	1/2"	1/4"	5
PC66CBD-86	1/2"	3/8"	5
PC66CBD-88	1/2"	1/2"	5

UNION TUBE



Part #	PTC	QTY
PC62CBD-4	1/4"	5
PC62CBD-6	3/8"	5
PC62CBD-8	1/2"	5
PC62CBD-10	5/8"	5

MALE CONNECTOR



Part #	PTC	NPT M	QTY
PC68CBD-42	1/4"	1/8"	5
PC68CBD-44	1/4"	1/4"	5
PC68CBD-46	1/4"	3/8"	5
PC68CBD-62	3/8"	1/8"	5
PC68CBD-64	3/8"	1/4"	5
PC68CBD-66	3/8"	3/8"	5
PC68CBD-68	3/8"	1/2"	5
PC68CBD-84	1/2"	1/4"	5
PC68CBD-86	1/2"	3/8"	5
PC68CBD-88	1/2"	1/2"	5
PC68CBD-106	5/8"	3/8"	5
PC68CBD-108	5/8"	1/2"	5
PC68CBD-128	3/4"	1/2"	5

UNION TEE



Part #	PTC	QTY
PC64CBD-4	1/4"	5
PC64CBD-6	3/8"	5
PC64CBD-8	1/2"	5
PC64CBD-10	5/8"	5

UNION TEE REDUCER



Part #	PTC A	PTC B	QTY
PC64CBDR-64	3/8"	1/4"	5
PC64CBDR-86	1/2"	3/8"	5

MALE ELBOW SWIVEL



Part #	PTC	NPT M	QTY
PC69SCBD-42	1/4"	1/8"	5
PC69SCBD-44	1/4"	1/4"	5
PC69SCBD-46	1/4"	3/8"	5
PC69SCBD-62	3/8"	1/8"	5
PC69SCBD-64	3/8"	1/4"	5
PC69SCBD-66	3/8"	3/8"	5
PC69SCBD-68	3/8"	1/2"	5
PC69SCBD-84	1/2"	1/4"	5
PC69SCBD-86	1/2"	3/8"	5
PC69SCBD-88	1/2"	1/2"	5
PC69SCBD-106	5/8"	3/8"	5
PC69SCBD-108	5/8"	1/2"	5
PC69SCBD-128	3/4"	1/2"	5

FEMALE ELBOW SWIVEL



Part #	PTC	NPT F	QTY
PC70SCBD-42	1/4"	1/8"	5
PC70SCBD-44	1/4"	1/4"	5
PC70SCBD-46	1/4"	3/8"	5
PC70SCBD-62	3/8"	1/8"	5
PC70SCBD-64	3/8"	1/4"	5
PC70SCBD-66	3/8"	3/8"	5
PC70SCBD-68	3/8"	1/2"	5
PC70SCBD-84	1/2"	1/4"	5
PC70SCBD-86	1/2"	3/8"	5
PC70SCBD-88	1/2"	1/2"	5

MALE RUN TEE



Part #	PTC	NPT M	QTY
PC71SCBD-42	1/4"	1/8"	5
PC71SCBD-44	1/4"	1/4"	5
PC71SCBD-64	3/8"	1/4"	5
PC71SCBD-66	3/8"	3/8"	5
PC71SCBD-68	3/8"	1/2"	5
PC71SCBD-84	1/2"	1/4"	5
PC71SCBD-86	1/2"	3/8"	5
PC71SCBD-88	1/2"	1/2"	5

MALE BRANCH TEE



Part #	PTC	NPT M	QTY
PC72SCBD-42	1/4"	1/8"	5
PC72SCBD-44	1/4"	1/4"	5
PC72SCBD-46	1/4"	3/8"	5
PC72SCBD-64	3/8"	1/4"	5
PC72SCBD-66	3/8"	3/8"	5
PC72SCBD-68	3/8"	1/2"	5
PC72SCBD-84	1/2"	1/4"	5
PC72SCBD-86	1/2"	3/8"	5
PC72SCBD-88	1/2"	1/2"	5

FEMALE BRANCH TEE



Part #	PTC	NPT F	QTY
PC77SCBD-42	1/4"	1/8"	5
PC77SCBD-44	1/4"	1/4"	5
PC77SCBD-64	3/8"	1/4"	5

UNION BULKHEAD



Part #	PTC	QTY
PC82CBD-4	1/4"	5
PC82CBD-6	3/8"	5
PC82CBD-8	1/2"	5
PC82CBD-10	5/8"	5

FEMALE BULKHEAD



Part #	PTC	NPT F	QTY
PC86CBD-42	1/4"	1/8"	5
PC86CBD-44	1/4"	1/4"	5
PC86CBD-64	3/8"	1/4"	5
PC86CBD-66	3/8"	3/8"	5
PC86CBD-86	1/2"	3/8"	5
PC86CBD-88	1/2"	1/2"	5

Now that you have your Fittings, don't
forget your D.O.T. tubing!
D.O.T. Fittings also available in Brass!



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