

POLY CONN[®]

Master *WAIR*house[®]
Fluid Power Products



D.O.T. Composite Fittings Catalog



Version 2020
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Email your order to: sales@polyconn.com or fax to (763) 398-2590 · www.polyconn.com · Questions call: (763)559-0388
3062 Ranchview Lane North · Plymouth, MN 55447

Features and Specifications for D.O.T Composite Fittings

FEATURES

- * Easy to assemble.
- * Designed to resist mechanical pull-out.
- * Can be assembled and disassembled over and over again.
- * 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 - maximum of 15° angle allowable.
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

Product	Temperature Range	Pressure Range	Material
Composit D.O.T Push-In Fittings	-40°F - 140°F (-40°C - 60°C)	0 - 145 PSI	Composite body Brass Thread

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

ELBOW STEM TO TUBE



Part #	Push-In	Stem	List Price	QTY	Pkg Price
PC44CBD-44	1/4"	1/4"	\$ 12.13	5	\$ 60.63
PC44CBD-66	3/8"	3/8"	\$ 11.58	5	\$ 57.92
PC44CBD-88	1/2"	1/2"	\$ 12.00	5	\$ 60.00

ELBOW STEM TO TUBE REDUCER



Part #	Push-In	Stem	List Price	QTY	Pkg Price
PC44CBDR-46	1/4"	3/8"	\$ 11.17	5	\$ 55.83
PC44CBDR-64	3/8"	1/4"	\$ 11.25	5	\$ 56.25
PC44CBDR-86	1/2"	3/8"	\$ 14.63	5	\$ 73.13

UNION Y



Part #	PI A	PI B	List Price	QTY	Pkg Price
PC45CBD-4	1/4"	1/4"	\$ 21.42	5	\$ 107.08
PC45CBD-6	3/8"	3/8"	\$ 26.33	5	\$ 131.67
PC45CBDR-46	1/4"	3/8"	\$ 23.63	5	\$ 118.13
PC45CBDR-64	3/8"	1/4"	\$ 30.13	5	\$ 150.63

MALE Y



Part #	Push-In	NPT M	List Price	QTY	Pkg Price
PC47CBD-42	1/4"	1/8"	\$ 26.42	5	\$ 132.08
PC47CBD-44	1/4"	1/4"	\$ 22.21	5	\$ 111.04
PC47CBD-64	3/8"	1/4"	\$ 28.17	5	\$ 140.83

45° MALE ELBOW



Part #	Push-In	NPT M	List Price	QTY	Pkg Price
PC54CBD-42	1/4"	1/8"	\$ 12.00	5	\$ 60.00
PC54CBD-44	1/4"	1/4"	\$ 13.92	5	\$ 69.58
PC54CBD-46	1/4"	3/8"	\$ 19.88	5	\$ 99.38
PC54CBD-62	3/8"	1/8"	\$ 18.00	5	\$ 90.00
PC54CBD-64	3/8"	1/4"	\$ 14.75	5	\$ 73.75
PC54CBD-66	3/8"	3/8"	\$ 20.96	5	\$ 104.79
PC54CBD-68	3/8"	1/2"	\$ 22.04	5	\$ 110.21
PC54CBD-84	1/2"	1/4"	\$ 30.13	5	\$ 150.63
PC54CBD-86	1/2"	3/8"	\$ 27.71	5	\$ 138.54
PC54CBD-88	1/2"	1/2"	\$ 25.50	5	\$ 127.50
PC54CBD-106	5/8"	3/8"	\$ 30.29	5	\$ 151.46
PC54CBD-108	5/8"	1/2"	\$ 30.17	5	\$ 150.83
PC54CBD-126	3/4"	3/8"	\$ 37.08	5	\$ 185.42
PC54CBD-128	3/4"	1/2"	\$ 37.38	5	\$ 186.88

UNION TUBE



Part #	Push-In	List Price	QTY	Pkg Price
PC62CBD-4	1/4"	\$ 7.13	5	\$ 35.63
PC62CBD-6	3/8"	\$ 11.75	5	\$ 58.75
PC62CBD-8	1/2"	\$ 15.38	5	\$ 76.88
PC62CBD-10	5/8"	\$ 42.75	5	\$ 213.75
PC62CBD-12	3/4"	\$ 69.29	2	\$ 138.58

UNION TUBE REDUCER



Part #	PI A	PI B	List Price	QTY	Pkg Price
PC62CBDR-46	1/4"	3/8"	\$ 10.71	5	\$ 53.54
PC62CBDR-68	3/8"	1/2"	\$ 18.83	5	\$ 94.17

UNION TEE



Part #	Push-In	List Price	QTY	Pkg Price
PC64CBD-4	1/4"	\$ 11.33	5	\$ 82.67
PC64CBD-6	3/8"	\$ 19.33	5	\$ 96.67
PC64CBD-8	1/2"	\$ 21.50	5	\$ 107.50
PC64CBD-10	5/8"	\$ 41.38	5	\$ 206.88

UNION TEE REDUCER



Part #	PI-A	PI-B	List Price	QTY	Pkg Price
PC64CBDR-64	3/8"	1/4"	\$ 17.71	5	\$ 88.54
PC64CBDR-68	3/8"	1/2"	\$ 32.42	5	\$ 162.08
PC64CBDR-86	1/2"	3/8"	\$ 32.67	5	\$ 163.33

UNION ELBOW



Part #	Push-In	List Price	QTY	Pkg Price
PC65CBD-4	1/4"	\$ 12.54	5	\$ 62.71
PC65CBD-6	3/8"	\$ 16.67	5	\$ 83.33
PC65CBD-8	1/2"	\$ 20.63	5	\$ 103.13

FEMALE CONNECTOR



Part #	Push-In	NPT F	List Price	QTY	Pkg Price
PC66CBD-42	1/4"	1/8"	\$ 8.92	5	\$ 44.58
PC66CBD-44	1/4"	1/4"	\$ 10.29	5	\$ 51.46
PC66CBD-46	1/4"	3/8"	\$ 14.42	5	\$ 72.08
PC66CBD-62	3/8"	1/8"	\$ 11.83	5	\$ 59.17
PC66CBD-64	3/8"	1/4"	\$ 11.25	5	\$ 56.25
PC66CBD-66	3/8"	3/8"	\$ 15.79	5	\$ 78.96
PC66CBD-68	3/8"	1/2"	\$ 24.79	5	\$ 123.96
PC66CBD-82	1/2"	1/8"	\$ 24.13	5	\$ 120.63
PC66CBD-84	1/2"	1/4"	\$ 26.63	5	\$ 133.13
PC66CBD-86	1/2"	3/8"	\$ 30.13	5	\$ 150.63
PC66CBD-88	1/2"	1/2"	\$ 29.54	5	\$ 147.71

MALE CONNECTOR



Part #	Push-In	NPT M	List Price	QTY	Pkg Price
PC68CBD-42	1/4"	1/8"	\$ 5.92	5	\$ 29.58
PC68CBD-44	1/4"	1/4"	\$ 6.13	5	\$ 30.63
PC68CBD-46	1/4"	3/8"	\$ 7.42	5	\$ 37.08
PC68CBD-62	3/8"	1/8"	\$ 7.21	5	\$ 36.04
PC68CBD-64	3/8"	1/4"	\$ 9.08	5	\$ 45.42
PC68CBD-66	3/8"	3/8"	\$ 8.33	5	\$ 41.67
PC68CBD-68	3/8"	1/2"	\$ 9.13	5	\$ 45.63
PC68CBD-84	1/2"	1/4"	\$ 10.83	5	\$ 54.17
PC68CBD-86	1/2"	3/8"	\$ 9.50	5	\$ 47.50
PC68CBD-88	1/2"	1/2"	\$ 14.38	5	\$ 71.88
PC68CBD-106	5/8"	3/8"	\$ 23.50	5	\$ 117.50
PC68CBD-108	5/8"	1/2"	\$ 22.54	5	\$ 112.71
PC68CBD-126	3/4"	3/8"	\$ 31.50	5	\$ 157.50
PC68CBD-128	3/4"	1/2"	\$ 35.04	5	\$ 175.21
PC68CBD-1212	3/4"	3/4"	\$ 53.38	2	\$ 106.75

MALE ELBOW SWIVEL



Part #	Push-In	NPT M	List Price	QTY	Pkg Price
PC69SCBD-42	1/4"	1/8"	\$ 10.33	5	\$ 51.67
PC69SCBD-44	1/4"	1/4"	\$ 7.13	5	\$ 35.63
PC69SCBD-46	1/4"	3/8"	\$ 13.79	5	\$ 68.96
PC69SCBD-62	3/8"	1/8"	\$ 13.00	5	\$ 65.00
PC69SCBD-64	3/8"	1/4"	\$ 11.54	5	\$ 57.71
PC69SCBD-66	3/8"	3/8"	\$ 15.96	5	\$ 79.79
PC69SCBD-68	3/8"	1/2"	\$ 17.71	5	\$ 88.54
PC69SCBD-84	1/2"	1/4"	\$ 21.38	5	\$ 106.88
PC69SCBD-86	1/2"	3/8"	\$ 22.13	5	\$ 110.63
PC69SCBD-88	1/2"	1/2"	\$ 20.96	5	\$ 104.79
PC69SCBD-106	5/8"	3/8"	\$ 25.13	5	\$ 125.63
PC69SCBD-108	5/8"	1/2"	\$ 25.13	5	\$ 125.63
PC69SCBD-1012	5/8"	3/4"	\$ 61.54	2	\$ 123.08
PC69SCBD-128	3/4"	1/2"	\$ 34.79	5	\$ 173.96
PC69SCBD-1212	3/4"	3/4"	\$ 62.45	2	\$ 124.91

FEMALE ELBOW SWIVEL



Part #	Push-In	NPT F	List Price	QTY	Pkg Price
PC70SCBD-42	1/4"	1/8"	\$ 9.25	5	\$ 46.25
PC70SCBD-44	1/4"	1/4"	\$ 11.50	5	\$ 57.50
PC70SCBD-46	1/4"	3/8"	\$ 18.79	5	\$ 93.96
PC70SCBD-62	3/8"	1/8"	\$ 22.26	5	\$ 111.29
PC70SCBD-64	3/8"	1/4"	\$ 16.17	5	\$ 80.83
PC70SCBD-66	3/8"	3/8"	\$ 21.04	5	\$ 105.21
PC70SCBD-68	3/8"	1/2"	\$ 19.79	5	\$ 98.96
PC70SCBD-84	1/2"	1/4"	\$ 31.08	5	\$ 155.42
PC70SCBD-86	1/2"	3/8"	\$ 30.38	5	\$ 151.88
PC70SCBD-88	1/2"	1/2"	\$ 31.67	5	\$ 158.33

MALE RUN TEE SWIVEL



Part #	Push-In	NPT M	List Price	QTY	Pkg Price
PC71SCBD-42	1/4"	1/8"	\$ 14.79	5	\$ 73.96
PC71SCBD-44	1/4"	1/4"	\$ 11.83	5	\$ 59.17
PC71SCBD-46	1/4"	3/8"	\$ 22.50	5	\$ 112.50
PC71SCBD-64	3/8"	1/4"	\$ 21.38	5	\$ 106.88
PC71SCBD-66	3/8"	3/8"	\$ 22.46	5	\$ 112.29
PC71SCBD-68	3/8"	1/2"	\$ 28.21	5	\$ 141.04
PC71SCBD-84	1/2"	1/4"	\$ 35.25	5	\$ 176.25
PC71SCBD-86	1/2"	3/8"	\$ 28.13	5	\$ 140.63
PC71SCBD-88	1/2"	1/2"	\$ 37.88	5	\$ 189.38
PC71SCBDR-84	1/2" & 1/4"	1/2"	\$ 26.13	5	\$ 130.63

MALE BRANCH TEE SWIVEL



Part #	Push-In	NPT M	List Price	QTY	Pkg Price
PC72SCBD-42	1/4"	1/8"	\$ 13.21	5	\$ 66.04
PC72SCBD-44	1/4"	1/4"	\$ 15.96	5	\$ 79.79
PC72SCBD-46	1/4"	3/8"	\$ 18.25	5	\$ 91.25
PC72SCBD-62	3/8"	1/8"	\$ 29.38	5	\$ 146.88
PC72SCBD-64	3/8"	1/4"	\$ 18.83	5	\$ 94.17
PC72SCBD-66	3/8"	3/8"	\$ 19.63	5	\$ 98.13
PC72SCBD-68	3/8"	1/2"	\$ 26.46	5	\$ 132.29
PC72SCBD-84	1/2"	1/4"	\$ 24.75	5	\$ 123.75
PC72SCBD-86	1/2"	3/8"	\$ 27.71	5	\$ 138.54
PC72SCBD-88	1/2"	1/2"	\$ 38.75	5	\$ 193.75
PC72SCBD-106	5/8"	3/8"	\$ 36.38	5	\$ 181.88
PC72SCBD-108	5/8"	1/2"	\$ 36.38	5	\$ 181.88

FEMALE BRANCH TEE SWIVEL



Part #	Push-In	NPT F	List Price	QTY	Pkg Price
PC77SCBD-42	1/4"	1/8"	\$ 18.90	5	\$ 94.49
PC77SCBD-44	1/4"	1/4"	\$ 22.13	5	\$ 110.63
PC77SCBD-64	3/8"	1/4"	\$ 30.29	5	\$ 151.46

TEE RUN STEM



Part #	Push-In	Stem	List Price	QTY	Pkg Price
PC79CBD-44	1/4"	1/4"	\$ 17.83	5	\$ 89.17
PC79CBD-66	3/8"	3/8"	\$ 19.75	5	\$ 98.75

TEE RUN STEM REDUCER



Part #	PI A	PI B	Stem	List Price	QTY	Pkg Price
PC79CBDR-64	1/4"	1/4"	3/8"	\$ 20.83	5	\$ 104.17
PC79CBDR-646	3/8"	1/4"	3/8"	\$ 16.75	5	\$ 83.75
PC79CBDR-848	1/2"	1/4"	1/2"	\$ 21.79	5	\$ 108.96

BULKHEAD UNION



Part #	Push-In	List Price	QTY	Pkg Price
PC82CBD-4	1/4"	\$ 16.17	5	\$ 80.83
PC82CBD-6	3/8"	\$ 19.88	5	\$ 99.38
PC82CBD-8	1/2"	\$ 27.71	5	\$ 138.54
PC82CBD-10	5/8"	\$ 76.42	5	\$ 382.08

FEMALE BULKHEAD



Part #	Push-In	NPT F	List Price	QTY	Pkg Price
PC86CBD-42	1/4"	1/8"	\$ 16.75	5	\$ 83.75
PC86CBD-44	1/4"	1/4"	\$ 24.38	5	\$ 121.88
PC86CBD-64	3/8"	1/4"	\$ 26.17	5	\$ 130.83
PC86CBD-66	3/8"	3/8"	\$ 27.00	5	\$ 135.00
PC86CBD-86	1/2"	3/8"	\$ 29.54	5	\$ 147.71
PC86CBD-88	1/2"	1/2"	\$ 40.25	5	\$ 201.25

STEM REDUCER



Part #	Push-In	Stem	List Price	QTY	Pkg Price
PC97CBD-46	3/8"	1/4"	\$ 17.63	5	\$ 88.13
PC97CBD-64	1/4"	3/8"	\$ 13.13	5	\$ 65.63

Now that you have your tubing don't forget
your D.O.T. fittings!
Now available in Composite and Brass.



Polyconn[®] the one-stop shop for your
pneumatic needs.