

# POLY<sup>®</sup> CONN

Servicing Your Pneumatic Needs For Over 40 Years

## D.O.T. BRASS PUSH TO CONNECT FITTINGS

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### QUESTIONS

(763) 559-0388



# Features and Specifications for Brass Push to Connect Fittings

## FEATURES

- Simply push in tubing for quick connection - no tools or loose parts to handle in tight spaces.
- Brass construction.
- Elbows and tees are forged brass.
- Pre-applied sealant on all male pipe threads
- Viton O-Ring sealing in all of fittings.
- These fittings meet D.O.T. FMVSS 571.106 Air Brake Performance Requirements; SAE J1131, J2494-1 & J2494-3 Air Brake Performance Requirements.com

## USES

- Windows
- Door Looks
- Mirrors
- Wipers
- Air Operated Seats
- Operating Gauges
- Air Horns
- Heater Controls
- Gear Shifts
- Fifth Wheels
- Air Brake Connections

## SPECIFICATIONS

PRODUCT	TEMPERATURE RANGE	PRESSURE RANGE	MATERIAL
Brass D.O.T. Push to Connect Fittings	-30°F - +250°F (0°C - 60°C)	0 - 250 PSI	Brass

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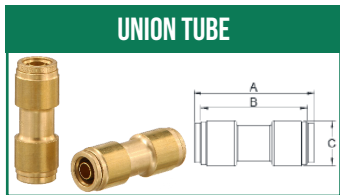
Part #	PI	NPT M	A	B	C	D	QTY
PC54-DOT-42	1/4"	1/8"	22.6	20.6	9.2	21.2	5
PC54-DOT-44	1/4 "	1/4"	19.8	17.8	12.5	19.8	5
PC54-DOT-46	1/4 "	3/8"	19.8	17.8	12.5	23.6	5
PC54-DOT-62	3/8"	1/8"	23.4	21.4	12.5	17.8	5
PC54-DOT-64	3/8"	1/4"	23.4	21.4	12.5	20.7	5
PC54-DOT-66	3/8"	3/8"	24.8	22.8	12.5	21.4	5
PC54-DOT-68	3/8"	1/2"	22.2	20.2	15.5	28.5	5
PC54-DOT-84	1/2"	1/4"	25.9	23.9	15.5	21.4	5
PC54-DOT-86	1/2 "	3/8"	25.9	23.9	15.5	22.4	5
PC54-DOT-88	1/2 "	1/2"	30.9	28.9	15.5	32.7	5
PC54-DOT-106	5/8"	3/8"	27.4	25.4	20.5	27.6	5
PC54-DOT-108	5/8"	1/2"	27.4	25.4	20.5	32.1	5
PC54-DOT-128	3/4"	1/2"	34.0	32.0	20.5	31.0	5
PC54-DOT-1212	3/4"	3/4"	N/A	N/A	N/A	N/A	5

Measurements are in mm unless otherwise noted



Part #	PI	NPT M	A	B	C	D	QTY
PC54-DOTS-42	1/4"	1/8"	22.6	20.6	7/16"	22.9	5
PC54-DOTS-44	1/4 "	1/4"	22.6	20.6	9/16"	28.5	5
PC54-DOTS-62	1/4 "	1/8"	23.4	21.4	7/16"	20.0	5
PC54-DOTS-64	3/8"	1/4"	23.4	21.4	9/16"	25.6	5
PC54-DOTS-66	3/8"	3/8"	23.4	21.4	11/16"	25.9	5
PC54-DOTS-68	3/8"	1/2"	N/A	N/A	N/A	N/A	5
PC54-DOTS-84	3/8"	1/4"	25.9	23.9	9/16"	27.8	5
PC54-DOTS-86	1/2"	3/8"	25.9	23.9	11/16"	27.8	5
PC54-DOTS-88	1/2 "	1/2"	25.9	23.9	7/8"	32.6	5
PC54-DOTS-104	1/2 "	1/4"	N/A	N/A	N/A	N/A	5
PC54-DOTS-108	5/8"	1/2"	27.4	25.4	7/8"	35.7	5
PC54-DOTS-128	5/8"	1/2"	33.4	31.4	7/8"	35.4	5
PC54-DOTS-1212	3/4"	3/4"	N/A	N/A	N/A	N/A	5

Measurements are in mm unless otherwise noted



Part #	PI	A	B	C	QTY
PC62-DOT-1	5/32"	36.1	31.4	9.5	5
PC62-DOT-4	1/4"	40.9	36.9	12	5
PC62-DOT-6	3/8"	42.8	38.8	5/8"	5
PC62-DOT-8	1/2"	46.6	42.6	20	5
PC62-DOT-10	5/8"	47.6	43.6	25	5
PC62-DOT-12	3/4"	53	49	27.5	5

Measurements are in mm unless otherwise noted



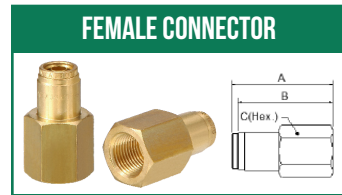
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PC64-DOT-1	5/32"	5/32"	N/A	N/A	N/A	5
PC64-DOT-4	1/4"	1/4"	23.2	21.2	9.2	5
PC64-DOT-6	3/8"	3/8"	25.3	23.3	12.5	5
PC64-DOT-8	1/2"	1/2"	30.8	28.8	15.5	5
PC64-DOT-10	5/8"	5/8"	34.2	32.2	20.5	5
PC64-DOTR-64	3/8"	1/4"	N/A	N/A	N/A	5

Measurements are in mm unless otherwise noted



Part #	PI	A	B	C	QTY
PC65-DOT-4	1/4"	27.9	25.9	9.2	5
PC65-DOT-6	3/8"	31.5	29.5	12.5	5
PC65-DOT-8	1/2"	38.6	36.6	15.5	5

Measurements are in mm unless otherwise noted

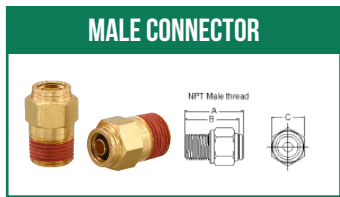


Part #	PI	NPT-F	A	B	C	QTY
PC66-DOT-42	1/4"	1/8"	32.2	30	9/16"	5
PC66-DOT-44	1/4"	1/4"	35.0	33	19	5
PC66-DOT-64	3/8"	1/4"	39.0	37	19	5
PC66-DOT-66	3/8"	3/8"	40.0	38	7/8"	5
PC66-DOT-68	3/8"	1/2"	42.0	40	1-1/8"	5
PC66-DOT-84	1/2"	1/4"	38.0	36	7/8"	5
PC66-DOT-86	1/2"	3/8"	38.3	36.3	7/8"	5
PC66-DOT-88	1/2"	1/2"	42.8	40.8	1-1/8"	5

Measurements are in mm unless otherwise noted

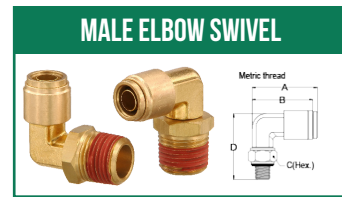
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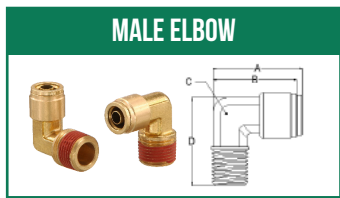
Part #	PI	NPT M	A	B	C	QTY
PC68-DOT-42	1/4"	1/8"	24.9	22.9	1/2"	5
PC68-DOT-44	1/4"	1/4"	26.7	24.7	9/16"	5
PC68-DOT-46	1/4"	3/8"	29.1	27.1	11/16"	5
PC68-DOT-48	1/4"	1/2"	31.4	29.4	7/8"	5
PC68-DOT-62	3/8"	1/8"	28.7	26.9	5/8"	5
PC68-DOT-64	3/8"	1/4"	29.1	26.7	5/8"	5
PC68-DOT-66	3/8"	3/8"	29.0	27.1	11/16"	5
PC68-DOT-68	3/8"	1/2"	33.7	27.0	7/8"	5
PC68-DOT-612	3/8"	3/4"	34.7	31.7	27.0	5
PC68-DOT-84	1/2"	1/4"	32.7	32.7	13/16"	5
PC68-DOT-86	1/2"	3/8"	31.1	29.1	13/16"	5
PC68-DOT-88	1/2"	1/2"	33.4	31.4	7/8"	5
PC68-DOT-812	1/2"	3/4"	30.7	28.7	27.0	5
PC68-DOT-106	5/8"	3/8"	36.0	34.0	25.0	5
PC68-DOT-108	5/8"	1/2"	34.6	32.6	25.0	5
PC68-DOT-1012	5/8"	3/4"	34.7	32.7	27.0	5
PC68-DOT-128	3/4"	1/2"	41.4	39.4	27.0	5
PC68-DOT-1212	3/4"	3/4"	32.7	30.7	27.0	5

Measurements are in mm unless otherwise noted



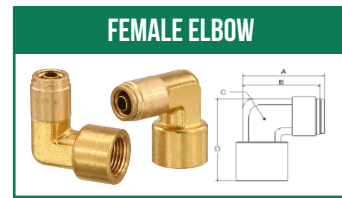
Part #	PI	NPT M	A	B	C	D	QTY
PC69-DOTS-42	1/4"	1/8"	27.9	25.9	7/16"	28.6	5
PC69-DOTS-44	1/4"	1/4"	27.9	25.9	9/16"	34.1	5
PC69-DOTS-46	1/4"	3/8"	27.9	25.9	11/16"	33.4	5
PC69-DOTS-48	1/4"	1/2"	27.9	25.9	7/8"	38.2	5
PC69-DOTS-62	3/8"	1/8"	27.0	27.0	7/16"	30.1	5
PC69-DOTS-64	3/8"	1/4"	27.0	27.0	9/16"	36.0	5
PC69-DOTS-66	3/8"	3/8"	27.0	27.0	11/16"	35.9	5
PC69-DOTS-68	3/8"	1/2"	27.0	27.0	7/8"	40.8	5
PC69-DOTS-612	3/8"	3/4"	27.0	27.0	27.0	44.2	5
PC69-DOTS-84	1/2"	1/4"	36.6	34.6	9/16"	40.2	5
PC69-DOTS-86	1/2"	3/8"	36.6	34.6	11/16"	39.9	5
PC69-DOTS-88	1/2"	1/2"	36.6	34.6	7/8"	44.7	5
PC69-DOTS-812	1/2"	3/4"	38.6	36.6	27.0	48.2	5
PC69-DOTS-106	5/8"	5/8"	40.9	38.9	11/16"	43.5	5
PC69-DOTS-108	5/8"	1/2"	40.9	38.9	7/8"	48.3	5
PC69-DOTS-126	3/4"	3/8"	50.2	48.2	11/16"	48.3	5
PC69-DOTS-128	3/4"	1/2"	50.2	48.2	7/8"	51.7	5
PC69-DOTS-1212	3/4"	3/4"	50.2	48.2	27.0	53.7	5

Measurements are in mm unless otherwise noted



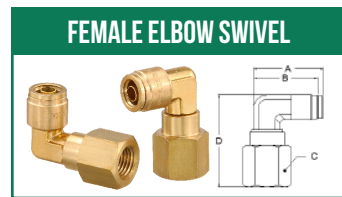
Part #	PI	NPT M	A	B	C	D	QTY
PC69-DOT-42	1/4"	1/8"	25.9	25.9	9.2	23.5	5
PC69-DOT-44	1/4"	1/4"	28.2	26.2	12.5	30.5	5
PC69-DOT-46	1/4"	3/8"	30.8	28.8	12.5	30.5	5
PC69-DOT-62	3/8"	1/8"	29.0	27.0	12.5	28.0	5
PC69-DOT-64	3/8"	1/4"	29.0	27.0	12.5	30.5	5
PC69-DOT-66	3/8"	3/8"	31.5	29.5	12.5	30.5	5
PC69-DOT-68	3/8"	1/2"	35.5	33.5	15.5	38.5	5
PC69-DOT-84	1/2"	1/4"	36.6	34.6	15.5	35.0	5
PC69-DOT-86	1/2"	3/8"	36.6	34.6	15.5	35.0	5
PC69-DOT-88	1/2"	1/2"	38.6	36.6	15.5	39.5	5
PC69-DOT-106	5/8"	3/8"	40.9	38.9	19.0	38.5	5
PC69-DOT-108	5/8"	1/2"	40.9	38.9	19.0	42.0	5
PC69-DOT-128	3/4"	1/2"	50.2	48.2	20.5	47.0	5
PC69-DOT-1212	3/4"	3/4"	N/A	N/A	N/A	N/A	5

Measurements are in mm unless otherwise noted



Part #	PI	NPT M	A	B	C	D	QTY
PC70-DOT-42	1/4"	1/8"	28.2	26.2	12.5	27.1	5
PC70-DOT-44	1/4"	1/4"	35.0	33.0	15.5	30.9	5
PC70-DOT-46	1/4"	3/8"	N/A	N/A	N/A	N/A	5
PC70-DOT-64	3/8"	1/4"	35.5	33.5	15.5	38.0	5
PC70-DOT-66	3/8"	3/8"	35.5	33.5	15.5	37.0	5
PC70-DOT-86	1/2"	3/8"	38.6	36.6	15.5	37.0	5
PC70-DOT-88	1/2"	1/2"	42.0	40.0	20.5	48.8	5

Measurements are in mm unless otherwise noted



Part #	PI	NPT M	A	B	C	D	QTY
PC70-DOTS-42	1/4"	1/8"	N/A	N/A	N/A	N/A	5
PC70-DOTS-44	1/4"	1/4"	27.9	25.9	19.0	40.4	5
PC70-DOTS-64	3/8"	1/4"	29.0	27.0	19.0	42.4	5

Measurements are in mm unless otherwise noted



### MALE RUN TEE

Part #	PI	NPT M	A	B	C	D	QTY
PC71-DOT-42	1/4"	1/8"	23.2	21.2	9.2	18.9	5
PC71-DOT-44	1/4"	1/4"	24.5	22.5	12.5	23.0	5
PC71-DOT-64	3/8"	1/4"	25.3	23.3	12.5	23.9	5
PC71-DOT-66	3/8"	3/8"	25.3	23.3	12.5	24.4	5
PC71-DOT-86	1/2"	3/8"	30.8	28.8	15.5	27.2	5
PC71-DOT-88	1/2"	1/2"	N/A	N/A	N/A	N/A	5

Measurements are in mm unless otherwise noted



### MALE RUN TEE SWIVEL

Part #	PI	NPT M	A	B	C	D	QTY
PC71-DOTS-42	1/4"	1/8"	23.2	21.2	7/16"	23.0	5
PC71-DOTS-44	1/4"	1/4"	23.2	21.2	9/16"	24.0	5
PC71-DOTS-64	3/8"	1/4"	25.3	23.3	9/16"	29.2	5
PC71-DOTS-66	3/8"	3/8"	25.3	23.3	11/16"	29.2	5
PC71-DOTS-86	1/2"	3/8"	30.8	28.8	11/16"	32.2	5
PC71-DOTS-88	1/2"	1/2"	30.8	28.8	7/8"	36.3	5

Measurements are in mm unless otherwise noted



### MALE BRANCH TEE

Part #	PI	NPT M	A	B	C	D	QTY
PC72-DOT-42	1/4"	1/8"	23.2	21.2	9.2	18.9	5
PC72-DOT-44	1/4"	1/4"	24.5	22.5	12.5	23.7	5
PC72-DOT-62	3/8"	1/8"	25.3	23.3	12.5	21.2	5
PC72-DOT-64	3/8"	1/4"	25.3	23.3	12.5	23.7	5
PC72-DOT-66	3/8"	3/8"	25.3	23.3	12.5	24.2	5
PC72-DOT-68	3/8"	1/2"	27.1	25.1	15.5	32.6	5
PC72-DOT-84	1/2"	1/4"	N/A	N/A	N/A	N/A	5
PC72-DOT-86	1/2"	3/8"	30.8	30.8	30.8	30.8	5
PC72-DOT-88	1/2"	1/2"	30.8	30.8	30.8	30.8	5

Measurements are in mm unless otherwise noted



### MALE BRANCH TEE SWIVEL

Part #	PI	NPT M	A	B	C	D	QTY
PC72-DOTS-42	1/4"	1/8"	23.2	21.2	7/16"	24.1	5
PC72-DOTS-44	1/4"	1/4"	23.2	21.2	9/16"	29.0	5
PC72-DOTS-46	1/4"	3/8"	23.2	21.2	11/16"	28.5	5
PC72-DOTS-62	3/8"	1/8"	25.3	23.3	7/16"	24.4	5
PC72-DOTS-64	3/8"	1/4"	25.3	23.3	9/16"	29.2	5
PC72-DOTS-66	3/8"	3/8"	25.3	23.3	11/16"	29.8	5
PC72-DOTS-84	1/2"	1/4"	30.8	28.8	9/16"	31.8	5
PC72-DOTS-86	1/2"	3/8"	30.8	28.8	11/16"	32.3	5
PC72-DOTS-88	1/2"	1/2"	30.8	28.8	7/8"	37.1	5
PC72-DOTS-108	5/8"	1/2"	N/A	N/A	N/A	N/A	5

Measurements are in mm unless otherwise noted



### FEMALE BRANCH TEE

Part #	PI	NPT M	A	B	C	D	QTY
PC77-DOT-42	1/4"	1/8"	N/A	N/A	N/A	N/A	5
PC77-DOT-44	1/4"	1/4"	N/A	N/A	N/A	N/A	5
PC77-DOT-64	3/8"	1/4"	N/A	N/A	N/A	N/A	5
PC77-DOT-66	3/8"	3/8"	N/A	N/A	N/A	N/A	5

Measurements are in mm unless otherwise noted



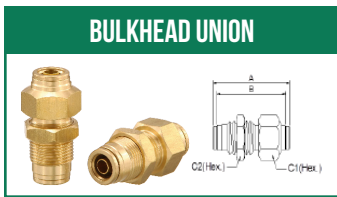
### FEMALE BRANCH TEE SWIVEL

Part #	PI	NPT M	A	B	C	D	QTY
PC77-DOTS-42	1/4"	1/8"	N/A	N/A	N/A	N/A	5
PC77-DOTS-44	1/4"	1/4"	N/A	N/A	N/A	N/A	5
PC77-DOTS-64	3/8"	1/4"	25.3	23.3	19.0	35.6	5

Measurements are in mm unless otherwise noted

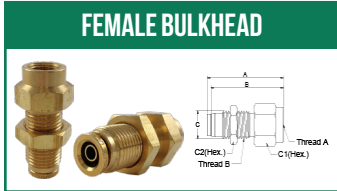
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Part #	PI	A	B	C1	C2	QTY
PC82-DOT-4	1/4"	41.0	37.0	11/16"	11/16"	5
PC82-DOT-6	3/8"	44.5	40.5	13/16"	13/16"	5
PC82-DOT-8	1/2"	47.0	43.0	1"	1"	5
PC82-DOT-10	5/8"	N/A	N/A	N/A	N/A	5

Measurements are in mm unless otherwise noted



Part #	PI	NPT F	A	B	C	D	QTY
PC86-DOT-42	1/4"	1/8"	N/A	N/A	N/A	N/A	5
PC86-DOT-44	1/4"	1/4"	41.5	39.5	19.0	11/16"	5
PC86-DOT-64	3/8"	1/4"	N/A	N/A	N/A	N/A	5
PC86-DOT-66	3/8"	3/8"	N/A	N/A	N/A	N/A	5
PC86-DOT-86	1/2"	3/8"	N/A	N/A	N/A	N/A	5

Measurements are in mm unless otherwise noted

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Now that you have your fittings, don't forget  
your D.O.T. Tubing!  
D.O.T. fittings also available in **COMPOSITE**



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*Servicing Your Pneumatic Needs For Over 40 Years*

**Polyconn<sup>®</sup>** the one-stop shop for your  
pneumatic needs.