






BRASS PUSH-IN DOT FITTINGS

CONSTRUCTION	<ul style="list-style-type: none"> • CA360/CA3604 Brass (Straights) • CA377/CA3604 Brass (Shapes) • "O" Ring: Buna N (Nitrile) 	
APPLICATIONS	<ul style="list-style-type: none"> • Air Brake Systems 	
RANGES	<ul style="list-style-type: none"> • Temperature Range: -40° to 200° F. • Pressure Range: Up to 200 PSI 	



To Connect Fitting & Tubing:

1. Cut the air brake tubing squarely.
2. Make sure mating ports are free of any debris.
3. Insert the tubing past the O-Ring until the tubing bottoms out against the tube stop.
4. Check your connection by pulling on the tubing to ensure tubing is fully inserted.

To Disconnect Fitting & Tubing:

1. Press and hold the collet against the fitting body.
2. Pull the tubing out of fitting.

Application Details:

Transportation Air Brake Systems, Air Suspensions, Cabin Controls:

Trucks, Trailers, RVs, Buses, Fire Trucks, & Rail.



NOTES

- Fittings meet SAE and DOT FMVSS 571.106
- Non-stock items and special parts are available on a quotation basis.
- Configurations and dimensions are subject to change without notice.

⚠ WARNING: Products offered by Robo-Fit, Inc. can expose you to chemicals such as lead, a chemical which is known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information go to www.P65Warnings.ca.gov

<p>259PPDOT Tube Plug</p> 	<p>262PPDOT Union</p> 	<p>262PPBHDOT Bulkhead Union</p> 	<p>264PPDOT Union Tee</p> 
<p>265PPDOT 90° Union Elbow</p> 	<p>266PPDOT Female Connector</p> 	<p>268PPDOT Male Connector</p> 	<p>2688PPDOT Plug In Adapter</p> 
<p>269PPDOT 90° Male Elbow</p> 	<p>269PPSDOT 90° Male Swivel Elbow</p> 	<p>270PPDOT 90° Female Elbow</p> 	<p>270PPSDOT 90° Female Swivel Elbow</p> 
<p>271PPDOT Male Run Tee</p> 	<p>271PPSDOT Male Swivel Run Tee</p> 	<p>272PPDOT Male Branch Tee</p> 	<p>272PPSDOT Male Swivel Branch Tee</p> 
<p>277PPDOT Female Branch Tee</p> 	<p>277PPSDOT Female Swivel Branch Tee</p> 	<p>279PPDOT 45° Male Elbow</p> 	<p>279PPSDOT 45° Male Swivel Elbow</p> 
<p>283PPDOT Gladhand Bulkhead</p> 	<p>286PPDOT Female Bulkhead</p> 		

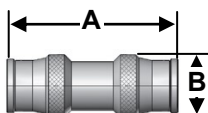
259PPDOT NYLON PLUG

PART NUMBER	A
259PPDOT-2.5	5/32"
259PPDOT-4	1/4"
259PPDOT-6	3/8"
259PPDOT-8	1/2"
259PPDOT-10	5/8"
259PPDOT-12	3/4"



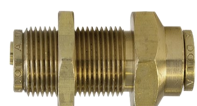
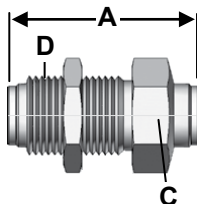
262PPDOT UNION CONNECTOR

PART NUMBER	Tube O.D.	A	B
262PPDOT-2.5	5/32"	1.38	3/8"
262PPDOT-3	3/16"	1.60	7/16"
262PPDOT-4	1/4"	1.82	7/16"
262PPDOT-2.5	5/16"	1.89	19/32"
262PPDOT-6	3/8"	1.82	21/32"
262PPDOT-8	1/2"	2.02	25/32"
262PPDOT-10	5/8"	2.04	.91
262PPDOT-12	3/4"	2.20	1.06



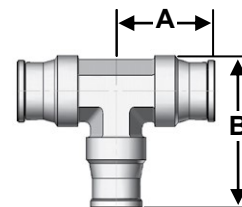
262PPBHDOT BULKHEAD UNION

PART NUMBER	Tube O.D.	A	C	D
262PPBHDOT-4	1/4"	1.90	3/8	1/2-20
262PPBHDOT-6	3/8"	1.85	7/16	3/4-16
262PPBHDOT-8	1/2"	2.05	7/16	15/16-16
262PPBHDOT-10	5/8"	2.05	19/32	1/4



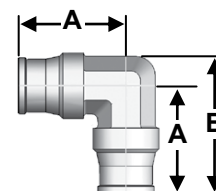
264PPDOT UNION TEE

PART NUMBER	Tube O.D.	A	B	FLATS
264PPDOT-4	1/4"	.94	1.17	3/8"
264PPDOT-6	3/8"	1.08	1.41	1/2"
264PPDOT-8	1/2"	1.26	1.65	5/8"
264PPDOT-10	5/8"	1.32	1.77	11/16"
264PPDOT-12	3/4"	1.44	1.99	15/16"



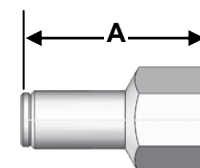
265PPDOT 90° UNION ELBOW

PART NUMBER	Tube O.D.	A	B	FLATS
265PPDOT-4	1/4"	.94	1.17	3/8"
265PPDOT-6	3/8"	1.08	1.41	1/2"
265PPDOT-8	1/2"	1.26	1.65	5/8"



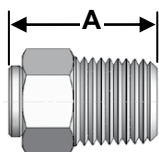
266PPDOT FEMALE CONNECTOR

PART NUMBER	Tube O.D.	FPT	A	HEX
266PPDOT-4A	1/4"	1/8"	1.33	9/16"
266PPDOT-4B	1/4"	1/4"	1.55	3/4"
266PPDOT-6A	3/8"	1/8"	1.33	11/16"
266PPDOT-6B	3/8"	1/4"	1.52	3/4"
266PPDOT-6C	3/8"	3/8"	1.56	7/8"
266PPDOT-8C	1/2"	3/8"	1.59	7/8"
266PPDOT-8D	1/2"	1/2"	1.85	1-1/8"



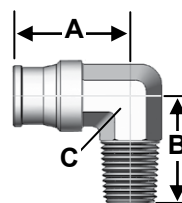
268PPDOT MALE CONNECTOR

PART NUMBER	Tube O.D.	MPT	A	HEX
268PPDOT-2.5X1	5/32"	1/16"	.78	3/8"
268PPDOT-2.5A	5/32"	1/8"	.79	7/16"
268PPDOT-2.5B	5/32"	1/4"	.95	9/16"
268PPDOT-3X0	3/16"	10/32"	.89	3/8"
268PPDOT-3X1	3/16"	1/16"	1.02	3/8"
268PPDOT-3A	3/16"	1/8"	1.02	7/16"
268PPDOT-3B	3/16"	1/4"	1.02	9/16"
268PPDOT-4X1	1/4"	1/16"	1.17	7/16"
268PPDOT-4A	1/4"	1/8"	.98	7/16"
268PPDOT-4B	1/4"	1/4"	.90	9/16"
268PPDOT-4C	1/4"	3/8"	.87	11/16"
268PPDOT-6A	3/8"	1/8"	1.17	11/16"
268PPDOT-6B	3/8"	1/4"	1.15	11/16"
268PPDOT-6C	3/8"	3/8"	1.12	11/16"
268PPDOT-6D	3/8"	1/2"	1.03	7/8"
268PPDOT-8B	1/2"	1/4"	1.46	13/16"
268PPDOT-8C	1/2"	3/8"	1.28	13/16"
268PPDOT-8D	1/2"	1/2"	1.23	7/8"
268PPDOT-8E	1/2"	3/4"	1.29	1-1/16"
268PPDOT-10C	5/8"	3/8"	1.44	15/16"
268PPDOT-10D	5/8"	1/2"	1.59	15/16"
268PPDOT-10E	5/8"	3/4"	1.13	1-1/16"
268PPDOT-12D	3/4"	1/2"	1.65	1-1/16"
268PPDOT-12E	3/4"	3/4"	1.38	1-1/16"



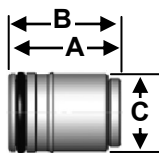
269PPDOT 90° MALE ELBOW

PART NUMBER	Tube O.D.	MPT	A	B	C
269PPDOT-2.5X1	5/32"	1/16"	.78	.65	5/16"
269PPDOT-2.5A	5/32"	1/8"	.78	.69	5/16"
269PPDOT-3A	3/16"	1/8"	.88	.75	3/8"
269PPDOT-4A	1/4"	1/8"	1.01	.79	3/8"
269PPDOT-4B	1/4"	1/4"	1.05	.84	3/8"
269PPDOT-4C	1/4"	3/8"	1.10	.98	1/2"
269PPDOT-6A	3/8"	1/8"	1.00	.80	1/2"
269PPDOT-6B	3/8"	1/4"	1.10	.98	1/2"
269PPDOT-6C	3/8"	3/8"	1.08	.98	1/2"
269PPDOT-6D	3/8"	1/2"	1.14	1.20	5/8"
269PPDOT-8B	1/2"	1/4"	1.26	1.05	5/8"
269PPDOT-8C	1/2"	3/8"	1.26	1.05	5/8"
269PPDOT-8D	1/2"	1/2"	1.25	1.26	5/8"
269PPDOT-10C	5/8"	3/8"	1.25	1.26	5/8"
269PPDOT-10D	5/8"	1/2"	1.34	1.29	11/16"
269PPDOT-12D	3/4"	1/2"	1.32	1.36	15/16"
269PPDOT-12E	3/4"	3/4"	1.32	1.36	15/16"



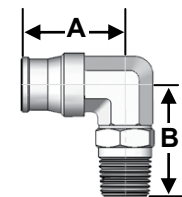
2688PPDOT PRESS-IN CARTRIDGE

PART NUMBER	Tube O.D.	A	B	C
2688PPDOT-2.5	5/32"	.59	.69	.32
2688PPDOT-3	3/16"	.68	.78	.41
2688PPDOT-4	1/4"	.76	.86	.41
2688PPDOT-6	3/8"	.82	.92	.64
2688PPDOT-8	1/2"	.92	1.02	.77



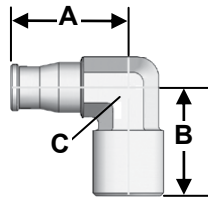
269PPSDOT 90° MALE SWIVEL ELBOW

PART NUMBER	Tube O.D.	MPT	A	B	HEX
269PPSDOT-2.5A	5/32"	1/8"	.79	.88	7/16"
269PPSDOT-2.5B	5/32"	1/4"	.79	1.08	9/16"
269PPSDOT-3A	3/16"	1/8"	.88	.92	7/16"
269PPSDOT-4A	1/4"	1/8"	.94	1.09	9/16"
269PPSDOT-4B	1/4"	1/4"	.99	1.09	9/16"
269PPSDOT-4C	1/4"	3/8"	1.02	1.13	11/16"
269PPSDOT-6A	3/8"	1/8"	1.05	1.06	7/16"
269PPSDOT-6B	3/8"	1/4"	1.08	1.14	9/16"
269PPSDOT-6C	3/8"	3/8"	1.10	1.23	11/16"
269PPSDOT-6D	3/8"	1/2"	1.10	1.53	7/8"
269PPSDOT-8B	1/2"	1/4"	1.26	1.26	9/16"
269PPSDOT-8C	1/2"	3/8"	1.26	1.31	11/16"
269PPSDOT-8D	1/2"	1/2"	1.25	1.61	7/8"
269PPSDOT-10C	5/8"	3/8"	1.54	1.41	11/16"
269PPSDOT-10D	5/8"	1/2"	1.54	1.71	7/8"
269PPSDOT-12D	3/4"	1/2"	1.40	2.04	1-1/16"
269PPSDOT-12E	3/4"	3/4"	1.40	1.60	1-1/16"



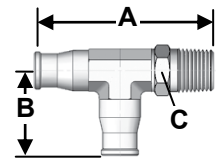
270PPDOT 90° FEMALE ELBOW

PART NUMBER	Tube O.D.	FPT	A	B	C
270PPDOT-4A	1/4"	1/8"	1.02	.83	1.06
270PPDOT-4B	1/4"	1/4"	1.13	1.03	1.31
270PPDOT-4C	1/4"	3/8"	1.27	.99	1.35
270PPDOT-6B	3/8"	1/4"	1.08	.98	1.31
270PPDOT-6C	3/8"	3/8"	1.08	1.05	1.41
269PPDOT-8D	1/2"	1/2"	1.37	1.31	1.70



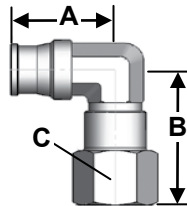
271PPSDOT MALE SWIVEL RUN TEE

PART NUMBER	Tube O.D.	MPT	A	B	C
271PPSDOT-4A	1/4"	1/8"	2.03	1.02	3/8"
271PPSDOT-4B	1/4"	1/4"	2.10	1.02	7/16"
271PPSDOT-6B	3/8"	1/4"	2.19	1.04	1/2"
271PPSDOT-6C	3/8"	3/8"	2.23	1.06	1/2"
271PPSDOT-8C	1/2"	3/8"	2.52	1.24	5/8"
271PPSDOT-8D	1/2"	1/2"	2.82	1.24	5/8"



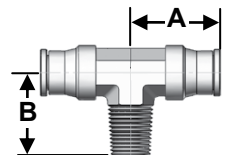
270PPSDOT 90° FEMALE SWIVEL ELBOW

PART NUMBER	Tube O.D.	FPT	A	B	C
270PPSDOT-4A	1/4"	1/8"	.94	1.09	9/16"
270PPSDOT-4B	1/4"	1/4"	.97	1.25	3/4"
270PPSDOT-6B	3/8"	1/4"	1.10	1.48	3/4"



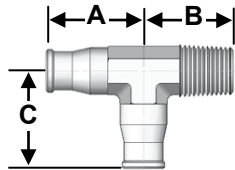
272PPDOT MALE BRANCH TEE

PART NUMBER	Tube O.D.	MPT	A	B
272PPDOT-4A	1/4"	1/8"	1.02	.75
272PPDOT-4B	1/4"	1/4"	1.02	.92
272PPDOT-6A	3/8"	1/8"	1.08	.79
272PPDOT-6B	3/8"	1/4"	1.08	.99
272PPDOT-6C	3/8"	3/8"	1.09	.99
272PPDOT-8B	1/2"	1/4"	1.26	1.07
272PPDOT-8C	1/2"	3/8"	1.26	1.07



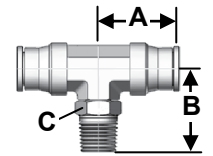
271PPDOT MALE RUN TEE

PART NUMBER	Tube O.D.	MPT	A	B	C
271PPDOT-4A	1/4"	1/8"	1.02	.75	1.02
271PPDOT-4B	1/4"	1/4"	1.02	.92	1.02
271PPDOT-4C	1/4"	3/8"	1.08	.98	1.08
271PPDOT-6B	3/8"	1/4"	1.08	.98	1.08
271PPDOT-6C	3/8"	3/8"	1.08	.98	1.08
271PPDOT-8C	1/2"	3/8"	1.26	1.05	1.26



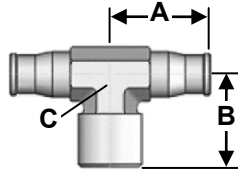
272PPSDOT MALE SWIVEL BRANCH TEE

PART NUMBER	Tube O.D.	MPT	A	B	C
272PPSDOT-4A	1/4"	1/8"	1.02	1.04	7/16"
272PPSDOT-4B	1/4"	1/4"	1.01	1.04	9/16"
272PPSDOT-6A	3/8"	1/8"	1.08	1.07	7/16"
272PPSDOT-6B	3/8"	1/4"	1.06	1.17	9/16"
272PPSDOT-6C	3/8"	3/8"	1.08	1.21	11/16"
272PPSDOT-6D	3/8"	1/2"	1.08	1.40	7/8"
272PPSDOT-8B	1/2"	1/4"	1.26	1.28	9/16"
272PPSDOT-8C	1/2"	3/8"	1.26	1.31	11/16"
272PPSDOT-8D	1/2"	1/2"	1.26	1.61	7/8"
272PPSDOT-10D	5/8"	1/2"	1.32	1.74	7/8"



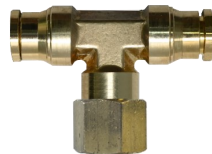
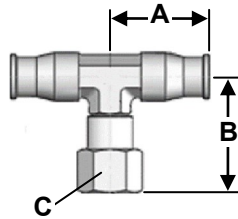
277PPDOT FEMALE BRANCH TEE

PART NUMBER	Tube O.D.	FPT	A	B	C
277PPDOT-4A	1/4"	1/8"	1.02	.82	1/2"
277PPDOT-4B	1/4"	1/4"	1.08	.97	1/2"
277PPDOT-6B	3/8"	1/4"	1.09	.98	1/2"
277PPDOT-6C	3/8"	3/8"	1.40	1.30	11/16"
277PPDOT-8B	1/2"	1/4"	1.26	1.16	5/8"



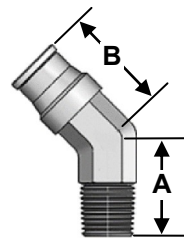
277PPSDOT FEMALE SWIVEL BRANCH TEE

PART NUMBER	Tube O.D.	FPT	A	B	C
277PPSDOT-4A	1/4"	1/8"	1.02	1.13	9/16"
277PPSDOT-4B	1/4"	1/4"	1.02	1.29	3/4"
277PPSDOT-6A	3/8"	1/8"	1.08	1.18	9/16"
277PPSDOT-6C	3/8"	3/8"	1.08	1.16	3/4"



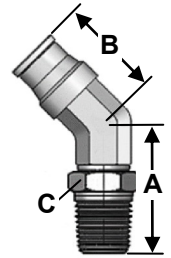
279PPDOT 45° MALE ELBOW

PART NUMBER	Tube O.D.	MPT	A	B
279PPDOT-4A	1/4"	1/8"	.75	.99
279PPDOT-4B	1/4"	1/4"	.89	.99
279PPDOT-6A	3/8"	1/8"	.75	.99
279PPDOT-6B	3/8"	1/4"	.95	1.08
279PPDOT-6C	3/8"	3/8"	.97	1.08
279PPDOT-6D	3/8"	1/2"	1.13	1.15
279PPDOT-8B	1/2"	1/4"	1.00	1.20
279PPDOT-8C	1/2"	3/8"	1.05	1.20
279PPDOT-8D	1/2"	1/2"	1.20	1.20
279PPDOT-10C	5/8"	3/8"	1.17	1.22
279PPDOT-10D	5/8"	1/2"	1.31	1.22
279PPDOT-12D	3/4"	1/2"	1.36	1.18
279PPDOT-12E	3/4"	3/4"	1.36	1.18



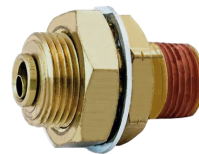
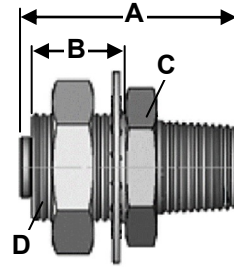
279PPSDOT 45° MALE SWIVEL ELBOW

PART NUMBER	Tube O.D.	MPT	A	B	C
279PPSDOT-4A	1/4"	1/8"	.98	.99	7/16"
279PPSDOT-4B	1/4"	1/4"	1.06	.99	7/16"
279PPSDOT-6A	3/8"	1/8"	1.08	1.06	7/16"
279PPSDOT-6B	3/8"	1/4"	1.13	1.06	9/16"
279PPSDOT-6C	3/8"	3/8"	1.23	1.08	11/16"
279PPSDOT-6D	3/8"	1/2"	1.46	1.22	7/8"
279PPSDOT-8B	1/2"	1/4"	1.22	1.22	9/16"
279PPSDOT-8C	1/2"	3/8"	1.32	1.20	11/16"
279PPSDOT-8D	1/2"	1/2"	1.61	1.20	7/8"
279PPSDOT-10C	5/8"	3/8"	1.38	1.33	11/16"
279PPSDOT-10D	5/8"	1/2"	1.68	1.39	7/8"
279PPSDOT-12E	3/4"	3/4"	2.28	1.40	1-1/16"



283PPDOT GLADHAND BULKHEAD

PART NUMBER	Tube O.D.	MPT	A	B	C	D
283PPDOT-6D	3/8"	1/2"	1.99	1-3/8	1-1/4	1-14
283PPDOT-8D	1/2"	1/2"	1.99	1-3/8	1-1/4	1-14
283PPDOT-10D	5/8"	1/2"	2.33	1-3/8	1-1/4	1-14



286PPDOT FEMALE BULKHEAD UNION

PART NUMBER	Tube O.D.	FPT	A	B	C	D	E
286PPDOT-4A	1/4"	1/8"	1.32	.64	1/2-20	11/16	11/16
286PPDOT-4B	1/4"	1/4"	1.56	.64	1/2-20	11/16	11/16
286PPDOT-6B	3/8"	1/4"	1.87	1.00	3/4-16	15/16	15/16
286PPDOT-6C	3/8"	3/8"	1.87	1.00	3/4-16	15/16	15/16
286PPDOT-8C	1/2"	3/8"	2.04	1.00	15/16-16	1-1/8	1 3/8

