

COMPOSITE BODY D.O.T. PUSH-IN

BRASS FITTINGS

COMPOSITE BODY DOT AIRBRAKE FITTINGS

WARNING

- Composite DOT push-to-connect fittings are designed only for use in applications where air is utilized as an operating fluid.
 - Fittings must be used in accordance with manufacturer and industry specifications.
 - They are not intended for use in environments exceeding 145psi or 140 degrees F.
 - The Department of Transportation FMVSS 49CFR571-106 prohibits use of this type of fitting for connections between towed and towing vehicles or between a driveshaft and chassis.
 - Using Composite DOT fittings in a manner inconsistent with manufacturer specifications may result in serious injury or property damage.
 - Under no circumstances shall the supplier be liable to buyer for any consequential or incidental damages of any nature whatsoever arising from nonconformity of goods, defective goods, or delay in shipment or any other breach by seller.
- Please feel free to email warning@compdotfitting.com with any questions or concerns.

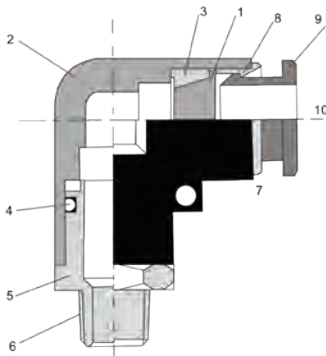


- One touch connection reduces installation time and cost.
- Rugged ultraviolet and vibration resistant composite body.
- Various shapes and configurations to meet vehicle applications and make installations easier.

SPECIFICATIONS FOR FMVSS (D.O.T.) AND SAE COMPLIANT FITTINGS

PRICING FILE AVAILABLE ONLINE

Operating Fluid	Air						
Max. Operating Pressure	145psi (1.0MPa)						
Proof Pressure	Size	5/32"	1/4"	3/8"	1/2"	5/8"	3/4"
	At 75°F (24°C)	1200psi	1200psi	1400psi	950psi	900psi	800psi
	At 200 °F (93°C)	450psi (3.1MPa)					
Recommended Fluid and Ambient Temperature*	-40°F to 140°F (-40°C to 60°C)						
Leak Rate at -40°F (-40°C)	7 Ncm ³ /min. or less						
Thread	Thread Portion	ANSI/ASME B1.20.1, 1983 R1992					
	Nut	JIS B 0208 (Unified fine thread) ISO 263					
Thread Sealant	Fluorine/ Acrylic						
Applicable Standards	D.O.T. FMVSS 49 CFR 571.106, SAE J2494-3						
Applicable Tubing	Tubing conforming to both SAE J844 and D.O.T. FMVSS 49 CFR 571.106. Material: Nylon12						
Tube O.D.	5/32", 1/4", 3/8", 1/2", 5/8", 3/4"						



1. Chuck	Stainless steel or Brass
2. Body	Polybutylene Terephthalate (PBT), Brass
3/4. Tube seal, O-Ring	Buna-N, Nitrile Rubber
5. Stud	Brass
6. Sealant	Flourine/ Acrylic
7. Guide	Stainless Steel or Polyacetal (Acetal)
8. Stabilization Ring	Stainless Steel
9. Release Button	Polyacetal, POM (Acetal)
10. Tube support	Stainless Steel/ Brass

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COMPOSITE BODY D.O.T. PUSH-IN

BRASS FITTINGS

STRAIGHT UNION



MIDLAND	CHAMPION	TUBE OD (INCH)	LIST
620532C	262PPCDOT-2.5	5/32	
620300C	262PPCDOT-3	3/16	
620400C	262PPCDOT-4	1/4	
620600C	262PPCDOT-6	3/8	
620800C	262PPCDOT-8	1/2	
621000C	262PPCDOT-10	5/8	
621200C	262PPCDOT-12	3/4	
620453C	262PPCDOT-42.5	1/4 x 5/32	
640604C	262PPCDOT-64	3/8 x 1/4	
620806CC	262PPCDOT-86	1/2 x 3/8	

UNION TEE



MIDLAND	CHAMPION	TUBE OD (INCH)	LIST
645320C	264PPCDOT-2.5	5/32	
640300C	264PPCDOT-3	3/16	
640400C	264PPCDOT-4	1/4	
640600C	264PPCDOT-6	3/8	
640800C	264PPCDOT-8	1/2	
641000C	264PPCDOT-10	5/8	
640406C	264PPCDOT-446	1/4 x 3/8	
64060604C	264PPCDOT-664	3/8 x 1/4	
640806C	264PPCDOT-886	1/2 x 3/8	

UNION 90° ELBOW



MIDLAND	CHAMPION	TUBE OD (INCH)	LIST
655320C	265PPCDOT-2.5	5/32	
650400C	265PPCDOT-4	1/4	
650600C	265PPCDOT-6	3/8	
650800C	265PPCDOT-8	1/2	
651000C	265PPCDOT-10	5/8	

FEMALE CONNECTOR



MIDLAND	CHAMPION	TUBE OD (INCH)	LIST
665302C	266PPCDOT-2.5A	5/32 x 1/8	
665304C	266PPCDOT-2.5B	5/32 x 1/4	
660302C	266PPCDOT-3	3/16 x 1/8	
660402C	266PPCDOT-4A	1/4 x 1/8	
660404C	266PPCDOT-4B	1/4 x 1/4	
660406C	266PPCDOT-4C	1/4 x 3/8	
660602C	266PPCDOT-6A	3/8 x 1/8	
660604C	266PPCDOT-6B	3/8 x 1/4	
660606C	266PPCDOT-6C	3/8 x 3/8	
660608C	266PPCDOT-6D	3/8 x 1/2	
660802C	266PPCDOT-8A	1/2 x 1/8	
660804C	266PPCDOT-8B	1/2 x 1/4	
660806C	266PPCDOT-8C	1/2 x 3/8	
660808C	266PPCDOT-8D	1/2 x 1/2	
661008C	266PPCDOT-10D	5/8 x 1/2	

COMPOSITE BODY D.O.T. PUSH-IN

BRASS FITTINGS

STRAIGHT MALE CONNECTOR

MIDLAND	CHAMPION	APP. TUBE OD (INCH)	LIST
685301C	268PPCDOT-2.5X	5/32 x 1/16	
685302C	268PPCDOT-2.5A	5/32 x 1/8	
685304C	268PPCDOT-2.5B	5/32 x 1/4	
680302C	268PPCDOT-3A	3/16 x 1/8	
680304C	268PPCDOT-3B	3/16 x 1/4	
680402C	268PPCDOT-4A	1/4 x 1/8	
680404C	268PPCDOT-4B	1/4 x 1/4	
680406C	268PPCDOT-4C	1/4 x 3/8	
680408C	268PPCDOT-4D	1/4 x 1/2	
680602C	268PPCDOT-6A	3/8 x 1/8	
680604C	268PPCDOT-6B	3/8 x 1/4	
680606C	268PPCDOT-6C	3/8 x 3/8	
680608C	268PPCDOT-6D	3/8 x 1/2	
680804C	268PPCDOT-8B	1/2 x 1/4	
680806C	268PPCDOT-8C	1/2 x 3/8	
680808C	268PPCDOT-8D	1/2 x 1/2	
681006C	268PPCDOT-10C	5/8 x 3/8	
681008C	268PPCDOT-10D	5/8 x 1/2	
681012C	268PPCDOT-10E	5/8 x 3/4	
681206C	268PPCDOT-12C	3/4 x 3/8	
681208C	268PPCDOT-12D	3/4 x 1/2	
681212C	268PPCDOT-12E	3/4 x 3/4	

90° MALE ELBOW

• Positional Swivel

MIDLAND	CHAMPION	TUBE OD (INCH)	LIST
695322SC	269PPSCDOT-2.5A	5/32 x 1/8	
695304SC	269PPSCDOT-2.5B	5/32 x 1/4	
690302SC	269PPSCDOT-3A	3/16 x 1/8	
690402SC	269PPSCDOT-4A	1/4 x 1/8	
690404SC	269PPSCDOT-4B	1/4 x 1/4	
690406SC	269PPSCDOT-4C	1/4 x 3/8	
690408SC	269PPSCDOT-4D	1/4 x 1/2	
690602SC	269PPSCDOT-6A	3/8 x 1/8	
690604SC	269PPSCDOT-6B	3/8 x 1/4	
690606SC	269PPSCDOT-6C	3/8 x 3/8	
690608SC	269PPSCDOT-6D	3/8 x 1/2	
690804SC	269PPSCDOT-8B	1/2 x 1/4	
690806SC	269PPSCDOT-8C	1/2 x 3/8	
690808SC	269PPSCDOT-8D	1/2 x 1/2	
690812SC	269PPSCDOT-8E	1/2 x 3/4	
691006SC	269PPSCDOT-10C	5/8 x 3/8	
691008SC	269PPSCDOT-10D	5/8 x 1/2	
691012SC	269PPSCDOT-10E	5/8 x 3/4	
691208SC	269PPSCDOT-12D	3/4 x 1/2	
691212SC	269PPSCDOT-12E	3/4 x 3/4	

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COMPOSITE BODY D.O.T. PUSH-IN

BRASS FITTINGS

90° FEMALE ELBOW



• Positional Swivel

MIDLAND	CHAMPION	TUBE OD (INCH)	LIST
705302C	270PPSCDOT-2.5A	5/32 x 1/8	
705304C	270PPSCDOT-2.5B	5/32 x 1/4	
700402SC	270PPSCDOT-4A	1/4 x 1/8	
700404SC	270PPSCDOT-4B	1/4 x 1/4	
700406SC	270PPSCDOT-4C	1/4 x 3/8	
700602C	270PPSCDOT-6A	3/8 x 1/8	
700604SC	270PPSCDOT-6B	3/8 x 1/4	
700606SC	270PPSCDOT-6C	3/8 x 3/8	
700608SC	270PPSCDOT-6D	3/8 x 1/2	
700804C	270PPSCDOT-8B	1/2 x 1/4	
700806SC	270PPSCDOT-8C	1/2 x 3/8	
700808SC	270PPSCDOT-8D	1/2 x 1/2	

MALE RUN TEE



• Positional Swivel

MIDLAND	CHAMPION	TUBE OD (INCH)	LIST
715301C	271PPSCDOT-2.5X	5/32 x 1/16	
715302C	271PPSCDOT-2.5A	5/32 x 1/8	
715304C	271PPSCDOT-2.5B	5/32 x 1/4	
710402SC	271PPSCDOT-4A	1/4 x 1/8	
710404SC	271PPSCDOT-4B	1/4 x 1/4	
710604SC	271PPSCDOT-6B	3/8 x 1/4	
710606SC	271PPSCDOT-6C	3/8 x 3/8	
710608SC	271PPSCDOT-6D	3/8 x 1/2	
710804C	271PPSCDOT-8B	1/2 x 1/4	
710806SC	271PPSCDOT-8C	1/2 x 3/8	
710808C	271PPSCDOT-8D	1/2 x 1/2	
711008C	271PPSCDOT-10D	5/8 x 1/2	

REDUCING MALE RUN TEE			
MIDLAND	CHAMPION	TUBE OD (INCH) 1 X 2 X 3	LIST
71060404C	271PPSCDOT-64B	3/8 x 1/4 x 1/4	
71060406C	271PPSCDOT-64C	3/8 x 1/4 x 3/8	
71080408C	271PPSCDOT-84D	1/2 x 1/4 x 1/2	
71080608C	271PPSCDOT-86D	1/2 x 3/8 x 1/2	

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BRASS

COMPOSITE BODY D.O.T. PUSH-IN

BRASS FITTINGS

MALE BRANCH TEE

- Positional Swivel

MIDLAND	CHAMPION	TUBE OD (INCH)	LIST
725301C	272PPSCDOT-2.5X	5/32 x 1/16	
725302C	272PPSCDOT-2.5A	5/32 x 1/8	
725304C	272PPSCDOT-2.5B	5/32 x 1/4	
720402SC	272PPSCDOT-4A	1/4 x 1/8	
720404SC	272PPSCDOT-4B	1/4 x 1/4	
720406SC	272PPSCDOT-4C	1/4 x 3/8	
720602SC	272PPSCDOT-6A	3/8 x 1/8	
720604SC	272PPSCDOT-6B	3/8 x 1/4	
720606SC	272PPSCDOT-6C	3/8 x 3/8	
720608C	272PPSCDOT-6D	3/8 x 1/2	
720804C	272PPSCDOT-8B	1/2 x 1/4	
720806SC	272PPSCDOT-8C	1/2 x 3/8	
720808SC	272PPSCDOT-8D	1/2 x 1/2	
721006C	272PPSCDOT-10C	5/8 x 3/8	
721008C	272PPSCDOT-10D	5/8 x 1/2	

FEMALE BRANCH TEE

- Positional Swivel

MIDLAND	CHAMPION	TUBE OD (INCH)	LIST
770402C	277PPSCDOT-4A	1/4 x 1/8	
770404C	277PPSCDOT-4B	1/4 x 1/4	
770604C	277PPSCDOT-6B	3/8 x 1/4	
770806C	277PPSCDOT-8C	1/2 x 3/8	
771004C	277PPSCDOT-10B	5/8 x 1/4	

45° MALE ELBOW

- Positional Swivel

MIDLAND	CHAMPION	TUBE OD (INCH)	LIST
545302C	279PPSCDOT-2.5A	5/32 x 1/8	
540402SC	279PPSCDOT-4A	1/4 x 1/8	
540404SC	279PPSCDOT-4B	1/4 x 1/4	
540406SC	279PPSCDOT-4C	1/4 x 3/8	
540602SC	279PPSCDOT-6A	3/8 x 1/8	
540604SC	279PPSCDOT-6B	3/8 x 1/4	
540606SC	279PPSCDOT-6C	3/8 x 3/8	
540608SC	279PPSCDOT-6D	3/8 x 1/2	
540802C	279PPSCDOT-8A	1/2 x 1/8	
540804SC	279PPSCDOT-8B	1/2 x 1/4	
540806SC	279PPSCDOT-8C	1/2 x 3/8	
540808SC	279PPSCDOT-8D	1/2 x 1/2	
541006SC	279PPSCDOT-10C	5/8 x 3/8	
541008SC	279PPSCDOT-10D	5/8 x 1/2	
541206C	279PPSCDOT-12C	3/4 x 3/8	
541208SC	279PPSCDOT-12D	3/4 x 1/2	

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Dimension data can change without notice. Please see our website when dimensions are critical.

COMPOSITE BODY D.O.T. PUSH-IN

BRASS FITTINGS

UNION "Y"



MIDLAND	CHAMPION	A&B TUBE OD (INCH)	LIST
620553C	289PPCDOT-4	1/4	
620409C	289PPCDOT-46	1/4 x 3/8	
620555C	289PPCDOT-6	3/8	
620559C	289PPCDOT-64	3/8 x 1/4	
620557C	289PPCDOT-8	1/2	
620558C	289PPCDOT-10	5/8	

MALE BRANCH "Y"



• Positional Swivel

MIDLAND	CHAMPION	TUBE OD (INCH) X MIP	LIST
880402C	288PPSCDOT-4A	1/4 x 1/8	
880404C	288PPSCDOT-4B	1/4 x 1/4	
880406C	288PPSCDOT-4C	1/4 x 3/8	
620604C	288PPSCDOT-6B	3/8 x 1/4	
620606C	288PPSCDOT-6C	3/8 x 3/8	
620806C	288PPSCDOT-8C	1/2 x 3/8	
620808C	288PPSCDOT-8D	1/2 x 1/2	

BULKHEAD UNION



MIDLAND	CHAMPION	TUBE OD (INCH)	LIST
825320C	262BHPPCDOT-2.5	5/32	
820400C	262BHPPCDOT-4	1/4	
820600C	262BHPPCDOT-6	3/8	
820800C	262BHPPCDOT-8	1/2	
821000C	262BHPPCDOT-10	5/8	

FEMALE BULKHEAD CONNECTOR



MIDLAND	CHAMPION	TUBE OD (INCH) X FIP	LIST
865304C	266BHPPCDOT-2.5B	5/32 x 1/4	
860402C	266BHPPCDOT-4A	1/4 x 1/8	
860404C	266BHPPCDOT-4B	1/4 x 1/4	
860604C	266BHPPCDOT-6B	3/8 x 1/4	
860606C	266BHPPCDOT-6C	3/8 x 3/8	
860806C	266BHPPCDOT-8C	1/2 x 3/8	
860808C	266BHPPCDOT-8D	1/2 x 1/2	

Available on
MidlandIndustries.com



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