



19F862

## Lead-Free Instant Push-Fit Brass Ball Valves

- Max. pressure: 200 psi CWP
- Max. temp.: 200°F

Easy-to-install connection requires no clamps, glue, soldering, tools, or unions. Lead-free brass stem and ball, and EPDM seals. Certified for use in potable water applications. Meet cUPC, UPC, IAMPO, and IPC; except 49EL59 meets ASSE 1061 and is NSF 61 Certified.

Body Style	Body Material	Inlet Size	Outlet Size	Inlet Type	Outlet Type	Item No.
Quarter-Turn	Brass	1/2 in	3/8 in	Sharkbite	Comp Angle Stop	19F889
Straight	Brass	1/2 in	3/8 in	Compression	Compression	19F890



## Air Push-to-Connect Tube Fittings

Fittings are suitable for use with compressed air, vacuum, and inert gases. These fittings, also called push-fit, connect tubing without the use of special tools, glue, or soldering. Tubing is pushed into the fitting and held in place by a grab ring which disconnects the tubing for frequent changes.

Connec.: Push-to-Connect x ...	For Tube OD	Pipe Size	Max. Oper. Temp. (°F)	Includes Pre-Applied Thread Sealant	Overall Length	Brand	Item No.
<b>Nylon &amp; Nickel-Plated Brass Push-to-Connect Tube Fittings, Max. Pressure: 290 psi, Pkg. Qty.: 10</b>							
<b>90° Elbow</b>							
Push-to-Connect	1/4 x 1/4 in	—	176	No	1 1/16 in	Legris	1PEP6
	3/8 x 3/8 in	—	176	No	1 1/32 in	Legris	1PEP7
	1/2 x 1/2 in	—	176	No	1 27/32 in	Legris	1PEP8
	10 x 10 mm	—	176	No	34 1/2 mm	Legris	1DED1
<b>90° Elbow Adapter</b>							
Male Metric	4 mm	3 mm	175	No	14 1/2 mm	Legris	1DET6
	4 mm	5 mm	175	No	14 mm	Legris	1PFH1
	6 mm	5 mm	175	No	16 mm	Legris	1PFH4
	6 mm	10 mm	175	No	14 mm	Legris	1DEU1
MBSPP	6 mm	1/8 in	175	No	16 mm	Legris	1PFH2
	8 mm	1/8 in	175	No	23 mm	Legris	1PFH5
	8 mm	1/4 in	175	No	23 mm	Legris	1PFH6
	10 mm	1/4 in	175	No	26 1/2 mm	Legris	1PFH8
MBSPT	1/4 in	1/4 in	175	Yes	1 1/16 in	Legris	4GXG6
	1/4 in	1/4 in	175	Yes	5/8 in	Legris	4GXG7
	3/8 in	3/8 in	175	Yes	3/4 in	Legris	4GWL4
	3/8 in	1/4 in	175	Yes	23/32 in	Legris	4GXG8
	6 mm	1/8 in	175	Yes	15 1/2 mm	Legris	4GWL2
	10 mm	1/4 in	175	Yes	22 mm	Legris	4GWL6
	12 mm	1/4 in	175	Yes	25 mm	Legris	4GWL7
	1/2 in	1/2 in	175	Yes	1 1/32 in	Legris	1PFA5
MNPT	1/4 in	1/4 in	175	Yes	5/8 in	Legris	1PFA9
	1/4 in	3/8 in	175	Yes	21/32 in	Legris	1PFB5
	3/8 in	1/8 in	175	Yes	3/4 in	Legris	1DCP2
	3/8 in	1/4 in	175	Yes	23/32 in	Legris	1DCP4
	3/8 in	1/2 in	175	Yes	29/32 in	Legris	1PFB7
	3/8 in	1/4 in	175	Yes	29/32 in	Legris	1PFB8
	3/8 in	3/8 in	175	Yes	7/8 in	Legris	1PFB9
	3/8 in	1/2 in	175	Yes	29/32 in	Legris	1PFC1
MUNF	1/2 in	1/4 in	175	Yes	1 1/32 in	Legris	1PFC2
	1/2 in	3/8 in	175	Yes	1 1/32 in	Legris	1PFC3
	1/2 in	1/2 in	175	Yes	1 1/8 in	Legris	1PFC4
	6 mm	1/8 in	175	Yes	5/8 in	Legris	1DCN7
	1/2 in	—	175	No	1 1/32 in	Legris	1DDA2
	3/8 in	—	175	No	1 1/32 in	Legris	1PFA4
	1/4 in	—	175	No	5/8 in	Legris	1PFB6
	<b>Straight Adapter</b>						
FNPT	1/4 in	1/8 in	175	Yes	31/32 in	Legris	1PEL5
	1/4 in	1/4 in	175	Yes	1 1/32 in	Legris	1PEL6
	3/8 in	1/4 in	175	Yes	1 13/32 in	Legris	1PEL8
	1/2 in	3/8 in	175	Yes	1 13/16 in	Legris	1DCD7
MBSPT	6 mm	1/4 in	175	Yes	8 1/2 mm	Legris	4GWH8
	10 mm	1/4 in	175	Yes	20 mm	Legris	4GWJ2
	1/4 in	1/8 in	175	Yes	9/32 in	Legris	1PFF5
	1/4 in	1/8 in	175	Yes	15/32 in	Legris	1PFF9
	1/4 in	1/4 in	175	Yes	9/8 in	Legris	1PFG1
	1/4 in	3/8 in	175	Yes	9/8 in	Legris	1PFG2
	3/8 in	1/4 in	175	Yes	21/32 in	Legris	5WRZ6
	3/8 in	1/8 in	175	Yes	7/8 in	Legris	1PFG3
MNPT	3/8 in	1/4 in	175	Yes	13/16 in	Legris	1PFG4
	3/8 in	3/8 in	175	Yes	1 1/16 in	Legris	1PFG5
	3/8 in	1/2 in	175	Yes	5/8 in	Legris	1PFW3
	1/2 in	1/4 in	175	Yes	1 3/32 in	Legris	1PFG6
MUNF	1/2 in	3/8 in	175	Yes	1 3/32 in	Legris	1PFW4
	1/2 in	1/2 in	175	Yes	1 3/32 in	Legris	1PFG7
<b>Straight Bulkhead Union</b>							
Push-to-Connect	1/4 x 1/4 in	—	176	No	1 3/16 in	Legris	1PFC6
	3/8 x 3/8 in	—	176	No	1 1/16 in	Legris	1PFC7

Connec.: Push-to-Connect x ...	For Tube OD	Pipe Size	Max. Oper. Temp. (°F)	Includes Pre-Applied Thread Sealant	Overall Length	Brand	Item No.
<b>Straight Connector</b>							
Push-to-Connect	1/2 x 1/2 in	—	176	No	3 1/2 in	Legris	1PEU9
	1/4 x 1/4 in	—	176	No	1 5/8 in	Legris	1PEV6
	9/16 x 9/16 in	—	176	No	1 1/2 in	Legris	1PEV1
	3/8 x 3/8 in	—	176	No	1 27/32 in	Legris	1PEV7
	1/2 x 1/2 in	—	176	No	2 3/8 in	Legris	1PEV8
	6 x 6 mm	—	176	No	28 1/2 mm	Legris	1DED8
	10 x 10 mm	—	176	No	42 mm	Legris	1DED9
12 x 12 mm	—	176	No	50 1/2 mm	Legris	1DEF1	
<b>Tee</b>							
Push-to-Connect	1/8 x 1/8 x 1/8 in	—	176	Yes	1 5/8 in	Legris	1PEU5
	1/4 x 1/4 x 1/4 in	—	176	Yes	1 13/32 in	Legris	1PEU6
	5/16 x 5/16 x 5/16 in	—	176	Yes	1 13/16 in	Legris	1PEU4
	3/8 x 3/8 x 3/8 in	—	176	Yes	2 1/2 in	Legris	1PEU7
	1/2 x 1/2 x 1/2 in	—	176	Yes	2 3/4 in	Legris	1PEU8
	6 x 6 x 6 mm	—	176	Yes	36 mm	Legris	1DED4
10 x 10 x 10 mm	—	176	Yes	53 mm	Legris	1DED5	
<b>Wye</b>							
Push-to-Connect	3/32 x 3/32 x 3/32 in	—	176	Yes	1 1/8 in	Legris	1DEF8
	1/4 x 1/4 x 1/4 in	—	176	Yes	1 7/16 in	Legris	1DDR5
	5/16 x 5/16 x 5/16 in	—	176	Yes	1 25/32 in	Legris	1DEG3
	6 x 6 x 6 mm	—	176	Yes	35 mm	Legris	1DEG1
<b>Polybutylene &amp; Brass Push-to-Connect Tube Fittings, Max. Pressure: 145 psi, Pkg. Qty.: 1</b>							
<b>Plug</b>							
Tube Stem	1/4 in	—	140	—	35 mm	SMC	5NRY3
	3/8 in	—	140	—	43 mm	SMC	5NRY5
	6 mm	—	140	—	35 mm	SMC	5NRY9
<b>Tee</b>							
Push-to-Connect	1/8 x 1/8 x 1/8 in	—	140	No	29 13/16 mm	SMC	36W731
	1/4 x 1/4 x 1/4 in	—	140	No	33 mm	SMC	36W764
	3/8 x 3/8 x 3/8 in	—	140	No	40 13/16 mm	SMC	36W796
	1/2 x 1/2 x 1/2 in	—	140	No	46 13/16 mm	SMC	36W812
	6 x 6 x 6 mm	—	140	No	32 19/32 mm	SMC	36W756
	8 x 8 x 8 mm	—	140	No	36 13/32 mm	SMC	36W774
10 x 10 x 10 mm	—	140	No	41 3/16 mm	SMC	36W789	
<b>Tube Cap</b>							
Tube	1/4 in	—	140	—	14 13/16 mm	SMC	36W948
<b>Wye</b>							
Push-to-Connect	1/4 x 1/4 x 1/4 in	—	140	No	30 5/16 mm	SMC	36W852
	3/8 x 3/8 x 3/8 in	—	140	No	36 11/16 mm	SMC	36W884
	4 x 4 x 4 mm	—	140	No	29 mm	SMC	36W830
	6 x 6 x 6 mm	—	140	No	30 3/32 mm	SMC	36W844
	8 x 8 x 8 mm	—	140	No	33 3/16 mm	SMC	36W862
	10 x 10 x 10 mm	—	140	No	37 3/32 mm	SMC	36W878
<b>Polyamide Push-to-Connect Tube Fittings for Transair Piping, Max. Pressure: 232 psi, Pkg. Qty.: 1</b>							
<b>90° Elbow</b>							
Push-to-Connect	1/2 x 1/2 in	—	140	—	2 5/8 in	Transair	4JMJ9
	1 x 1 in	—	140	—	2 3/4 in	Transair	4JMG8
	1 1/2 x 1 1/2 in	—	140	—	4 1/8 in	Transair	4JME7
<b>90° Elbow Adapter</b>							
MNPT	1 in	3/4 in	140	No	3 3/8 in	Transair	49K686
<b>Ball Valve</b>							
Push-to-Connect	1/2 x 1/2 in	—	140	—	4 27/32 in	Transair	49AD20
	1 x 1 in	—	140	—	6 3/8 in	Transair	49AD21
	1 1/2 x 1 1/2 in	—	140	—	8 1/8 in	Transair	49AD22
<b>Straight Adapter</b>							
MNPT	1/2 in	1/4 in	140	No	2 17/32 in	Transair	4JMK4
	1 in	1/2 in	140	No	2 13/16 in	Transair	4JMH1
	1 in	3/4 in	140	No	2 13/16 in	Transair	4JMH2
	1 in	1 in	140	No	2 31/32 in	Transair	4JMH3
1 1/2 in	1 1/2 in	140	No	4 3/8 in	Transair	4JMF4	
<b>Straight Connector</b>							
Push-to-Connect	1/2 x 1/2 in	—	140	—	4 13/16 in	Transair	4JMK2
	1 x 1 in	—	140	—	6 9/32 in	Transair	4JMH4
	1 1/2 x 1 1/2 in	—	140	—	8 1/16 in	Transair	4JME9