

BOLT TYPE

Low Pressure Test Plug

For simple, reliable testing without tube wall damage



EST Group's Bolt Type Medium Pressure Test Plugs are designed for simple, reliable testing of pipe and tubing to 250 psig (17.2 bar), without the tube wall damage associated with other test plugs. That's because our Bolt Type plugs feature a neoprene seal — the only part of the plug that comes into contact with the tube ID. To use, simply install into the open end of the pipe or tube and tighten the large compression nut to expand the seal element. Then begin testing.

Heavy duty construction: Plated carbon steel or equivalent coating with neoprene seal elements.

Versatile: Wide range of available sizes. Tube ID range from .280" to 10.50" (7.1 - 266.7 mm). Consult factory for larger sizes or special configurations.

Brass anti-gall washer and thread lubricant: Protects threads and facilitates test plug installation and removal.

Long wearing full disk seals: Extend plug life.

Easy to maintain: Replacement seals readily available.

Available in Super Stock: For same or next day delivery.

Optional construction: 300 Series Stainless Steel. Seals available in silicone or Viton®.

The only plugs manufactured under
a QA program certified to ISO-9001!

Can be supplied under ANSI N45.2, 10CFR50 Appendix B.
Viton® is a registered trademark of Du Pont Dow Elastomers

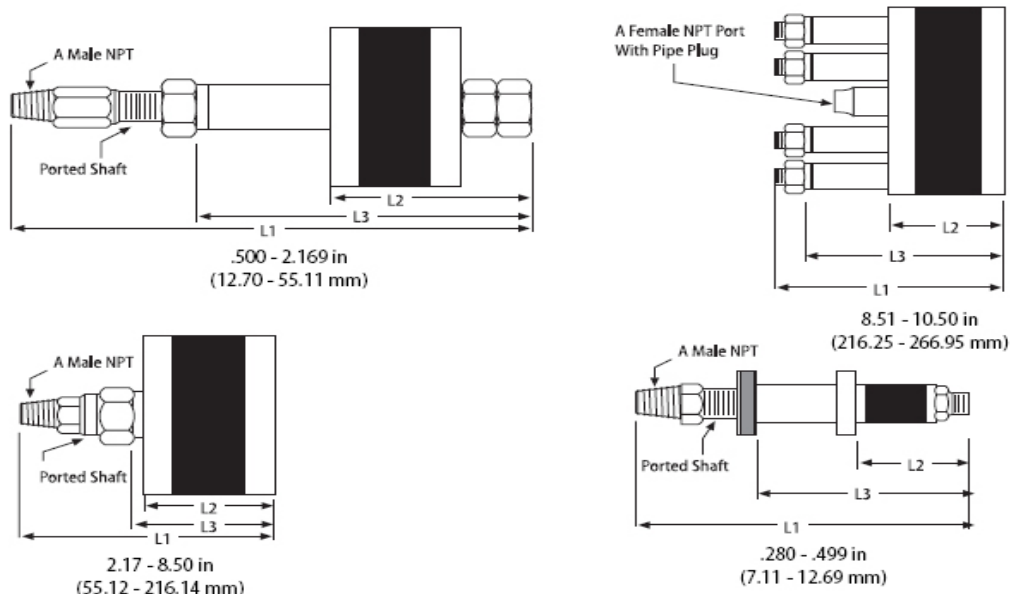
**CURTISS
WRIGHT**
Flow Control Company
EST Group

Bolt Type

Tube ID Range inches (mm)	Shaft OD inches (mm)	Shaft Qty	Shaft / Port Diameter inches (mm)	"A" Connection NPT	L1 inches (mm)	L2 inches (mm)	L3 inches (mm)	Max Operating Pressure*	Shaft Hex Wrench Size	Hex Nut Wrench Size	Shipping Weight
.280 - .499 (7.11 - 12.69)	1/4 - 1/8 (stepped) (6.4 - 3.2)	1	1/6 (1.5)	1/8 M	4 (101.6)	1 1/8 (28.6)	2 1/4 (57.2)	250 Psig (17.2 Bar)	9/16	Knurled nut	.30 lbs .14 kg
.500 - .719 (12.70 - 18.27)	1/4 (6.4)	1	1/8 (3.0)	1/8 M	4 3/8 (111.1)	1 3/4 (44.5)	2 3/4 (69.9)	250 Psig (17.2 Bar)	9/16	7/16	.25 lbs .11 kg
.720 - .869 (18.28 - 22.08)	1/4 (6.4)	1	1/8 (3.0)	1/8 M	4 3/8 (111.1)	1 3/4 (44.5)	2 3/4 (69.9)	175 Psig (12.0 Bar)	9/16	7/16	.25 lbs .11 kg
.870 - 1.099 (22.09 - 27.69)	3/8 (9.5)	1	3/16 (4.8)	1/8 M	6 3/8 (161.9)	2 1/16 (52.4)	4 7/16 (112.7)	175 Psig (12.0 Bar)	9/16	9/16	.50 lbs .23 kg
1.100 - 1.429 (27.94 - 36.31)	3/8 (9.5)	1	3/16 (4.8)	1/8 M	6 3/8 (161.9)	2 3/16 (55.6)	4 9/16 (115.9)	175 Psig (12.0 Bar)	9/16	9/16	.60 lbs .27 kg
1.430 - 1.779 (36.32 - 45.20)	3/8 (9.5)	1	3/16 (4.8)	1/8 M	6 3/8 (161.9)	2 3/16 (55.6)	4 9/16 (115.9)	75 Psig (5.1 Bar)	9/16	9/16	.80 lbs .36 kg
1.780 - 2.169 (45.21 - 55.11)	3/8 (9.5)	1	3/16 (4.8)	1/8 M	6 3/8 (161.9)	2 5/16 (58.7)	4 11/16 (119.1)	75 Psig (5.1 Bar)	9/16	9/16	1 lb .36 kg
2.17 - 3.50 (55.12 - 89.14)	5/8 (15.9)	1	5/16 (7.9)	1/4 M	4 3/8 (111.1)	1 3/4 (44.5)	2 (50.8)	50 Psig (3.4 Bar)	1/2	15/16	2.75 lbs 1.25 kg
3.51 - 4.50 (89.15 - 114.54)	7/8 (22.2)	1	7/16 (11.2)	3/8 M	4 3/8 (111.1)	1 3/4 (44.5)	2 (50.8)	40 Psig (2.7 Bar)	11/16	1 5/16	4.50 lbs 2.04 kg
4.51 - 6.50 (114.55 - 165.34)	1 1/4 (31.8)	1	9/16 (14.2)	1/2 M	6 3/4 (171.5)	3 (76.2)	3 1/4 (82.6)	25 Psig (1.7 Bar)	1	1 7/8	13 lbs 5.89 kg
6.51 - 8.50 (165.35 - 216.14)	1 1/2 (38.1)	1	3/4 (19.1)	3/4 M	7 3/8 (187.3)	3 1/2 (88.9)	3 3/4 (95.9)	15 Psig (1.0 Bar)	1 1/4	2 1/4	28.50 lbs 12.91 kg
8.51 - 10.50 (216.15 - 266.95)	5/8 (15.9)	1	3/4 (19.1)	3/4 F	6 1/8 (155.6)	2 1/2 (63.5)	4 7/8 (123.8)	10 Psig (0.7 Bar)	n/a	15/16	40 lbs 18.12 kg

Note: One plug does not cover full range listed; this is for pressure only. Each plug is cut to fit the application ID and expands approximately .06".

Specifications subject to change. When ordering, specify tube or pipe ID, or OD and wall thickness or schedule, desired maximum test pressure and temperature. EST will provide actual part number and pricing. Many standard sizes in stock for same or next day shipment. Maximum operating pressure is based on installation into a clean, lubricant-free and dry pipe.



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