

# B & Q

Self-Sealing Plugs

# E & EQ

Self-Sealing Filling Connectors



## SELF-SEALING TEST PLUGS AND FILLING CONNECTORS - For Pressure Vessels Pressures to 500 PSI (34.5 BAR)

- B** 0.421" to 1.562" Bore
- Q** 0.751" to 1.000" Bore

**B and Q Self-Sealing Plugs** provide a quick-acting seal to plug pressure vessel openings. Construction features include a cylinder with bayonet lock, seal, plunger and T-head stem (fixed for Type B and pivoted for Type Q).

The Q plug is intended for use with openings that are deeper than the B plug can reach.

### B & Q SELF-SEALING PLUGS

Part Number*	Piped Tapped	Opening To Be Sealed			
		Depth		Bore Range	
		Min.	Max.	Min.	Max.
B7051-57	1/4" NPT	0.312"	0.375"	0.421"	0.475"
B7052-57	3/8" NPT	0.312"	0.437"	0.562"	0.593"
B7053-57	1/2" NPT	0.406"	0.500"	0.687"	0.781"
B7054-57	3/4" NPT	0.506"	0.687"	0.906"	1.000"
B7055-57	1" NPT	0.563"	0.750"	1.125"	1.281"
B7056-57	1-1/4" NPT	0.613"	0.750"	1.421"	1.562"
Q3145-57	3/4" NPT	0.625"	3.000"	0.751"	1.000"

\*When ordering, please specify part number, diameter and depth of opening sealed, test pressure, media and media temperature.

- E** 0.687" to 1.281" Bore
- EQ** 0.751" to 1.000" Bore

**E and EQ Self-Sealing Filling Connectors** have inlet openings that are pipe tapped for connecting pressure lines. Construction features include a cylinder with bayonet lock, seal, plunger and T-head stem (fixed for Type E and pivoted for Type EQ).

The EQ filling connector is intended for use with openings that are deeper than the E filling connector can reach.

### E & EQ SELF-SEALING FILLING CONNECTORS

Part Number*	Piped Tapped	Opening To Be Sealed				Inlet
		Depth		Bore Range		
		Min.	Max.	Min.	Max.	
E7166-57	1/2" NPT	0.406"	0.500"	0.687"	0.781"	1/2" NPT
E7167-57	3/4" NPT	0.506"	0.687"	0.906"	1.000"	3/4" NPT
E7168-57	1" NPT	0.563"	0.750"	1.125"	1.281"	3/4" NPT
EQ4145-57	3/4" NPT	0.625"	3.000"	0.751"	1.000"	3/4" NPT

\*When ordering, please specify part number, diameter and depth of opening sealed, test pressure, media and media temperature.

**B, Q, E and EQ** construction materials are aluminum and carbon steel, both treated for corrosion resistance. Neoprene seals are standard.

To connect, insert the connector into the hole, push the cylinder inward and twist it to release the bayonet lock, bringing the seal against the hole ready for test pressure. The seal is energized by a combination of spring force and test pressure.

To disconnect, relieve pressure, push cylinder inward, twist it to engage the bayonet lock and pull out the connector.

