



Dualco Pressure Releasing Tools

These represent Dualco's most popular Pressure Releasing Tools. Many other types and materials are available.



10275

3/4" - 16 UNF(f) connection x 1/2" NPT(f) vent discharge port, steel zinc plate.



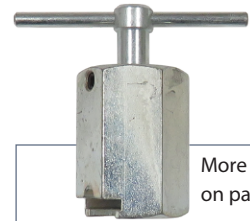
11380

1/2" NPT(m) connection x 1/2" vent discharge port, steel zinc plate.

• 11380-1/4 is Similar to 11380, but with 1/4" NPT(f) vent discharge port.

Giant Button Head

Patent# 7,725,997-B2



More Information on page 2 [▶](#)

11396 / 11396S

Giant Button Head Connection, steel zinc plate. Used on single check button head fittings.

11386

1/2 - 20(m) connection, steel zinc plate. Used on Packing Injection Fittings. Relieves excess internal packing pressure, when check ball is forced off seat.

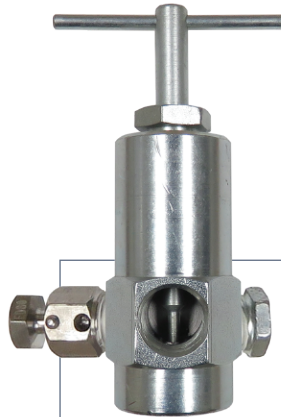


Pressure Retaining Design



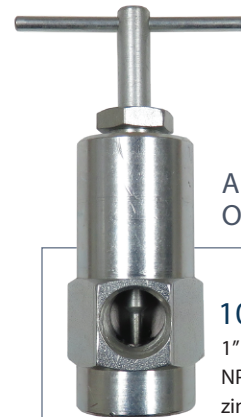
11626

1" - 14 UNS(f) connection, with Bleeder Plug, Body Plug, and Gauge with Gauge Cover, steel zinc plate



10712

Similar to #11626 but without the Gauge



A Dualco Original Design

10720

1" - 14 UNS(f) connection x 1/2" NPT(f) vent discharge port, steel zinc plate. Relieves excess pressure from valve body when attached to gate valve vent cap fitting. Important when lubricating or draining the valve.



Operate with Caution and Safety.

Always consult with the operating company's appropriate safety personnel for the correct procedures and instructions regarding normal and extreme operating conditions.

Made in the USA

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Giant Button Head Fitting

Pressure Releasing Tools

11396 / 11396S

Patent# 7,725,997-B2

■ Be sure to read complete instructions before using this tool

■ One of the basic procedures required in good valve maintenance is the replacement of corroded or damaged button head lubrication fittings.

Many lubricated valves are designed with either one or two internal check valves, which are located in the valve beneath the button head fitting. If these internal check valves are present and holding pressure, it is possible to remove the button head fitting from the valve and replace it with a new one. In the past, it was impractical to be sure if the internal check valves were holding pressure or not.

These tools are unique safety devices designed to slide over the button head fitting. They are secured by turning the "T" handle in a clockwise direction, rotating the stinger down into the fitting. First the top and then, if present, the second check ball is depressed against its individual spring within the fitting. This allows any residual gas, liquid, or other material to bleed off, and the check ball(s) to reseal. If the "blow" (gas) or "flow" (liquid) does not cease, the fitting can be resealed by rotating the "T" handle counter-clockwise until the fitting reseals.

This Tool works well with Vent Cap Fittings that have Button Heads, and with Single Check Giant Button Head Fittings.

* $3\frac{1}{4}$ " = Stem Retracted.

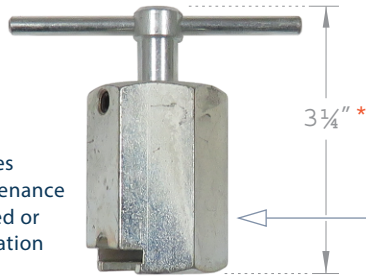
This dimension allows for just enough stem clearance for the tool to be coupled onto the button head fitting. If necessary, the stem will retract farther.

⚠ Warning!

Maximum pressure Discharge for 11396/11396S is 2,500 psi. • For higher pressure release applications, refer to Dualco part # 10720.

Configuration Options Available

1. Giant Button Head Fitting Pressure Releasing Tool.
2. Standard Button Head Fitting Pressure Releasing Tool.
3. Stem Packing Assembly Option for either 1 or 2.
4. Tools can be manufactured utilizing various materials such as, but not limited to, carbon steel, brass, stainless steel, Inconel, etc.
5. Bleed release port cover for either 1 or 2.
6. Locking retainer to prevent Pressure Releasing Tool from dislodging from Button Head Fitting.



Pressure Releasing Tool Models

Model	Description
10275	3/4" – 16 UNF(f) connection x 1/2" NPT(f) vent discharge port, steel zinc plate
10320	7/8" – 16 UNF(f) connection x 1/2" NPT(f) vent discharge port, steel zinc plate
10330	Similar to #10720, but the material is 316 SS
10712	Similar to #11626 but without the Gauge
10720	1" – 14 UNS(f) connection x 1/2" NPT(f) vent discharge port, steel zinc plate. Relieves excess pressure from valve body when attached to gate valve vent cap fitting. Important when lubricating or draining the valve.
10720 Alloy	Similar to #10720, but the material is 4140, zinc plate
10720 LS	Similar to #10720, but with a longer stinger to reach deeper ball checks
10720 M27	M27-3.0 Metric Thread connection x 1/2" NPT(f) vent discharge port, steel zinc plate
11380	1/2" NPT(m) connection x 1/2" vent discharge port, steel zinc plate.
11380-1/4	Similar to #11380, but with a 1/4" NPT(f) vent discharge port
11386	1/2" – 20(m) connection, steel zinc plate. Used on Packing Injection Fittings. Relieves excess internal packing pressure, when check ball is forced off seat
11396	Giant Button Head Connection, steel zinc plate. Used on single check button head fittings
11396S	Similar to #11396, but with a short stinger. Steel, zinc plate. Used on double check fittings.
11408	3/4" – 16 UNF(f) connection x 1/2" NPT(f) vent discharge port, steel zinc plate
11626	1" – 14 UNS(f) connection, with Bleeder Plug, Body Plug, and Gauge with Gauge Cover, steel zinc plate
11628	1" NPT(m) connection x 1/2" NPT(f) vent discharge port, steel zinc plate
11940	Similar to #10720, but with a 1/4" NPT(f) vent discharge port

■ It is important to note the application pressure involved, the service type, operations and manufactures recommendations when choosing a Pressure Release Tool.

■ Safety is most important. Always wear protective eye wear when installing Pressure Releasing Tools. When using these tools, be aware of any dangerous materials such as, but not limited to, toxic gas that could be present. Make sure to take correct precautions when operating tools in the presence of dangerous materials. Monitor service area with a metering device so any dangerous materials can be detected. If dangerous materials are found, refer to the appropriate S.D.S. and wear protective safety apparatus, as required.

⚠ Operate with Caution and Safety.

Always consult with the operating company's appropriate safety personnel for the correct procedures and instructions regarding normal and extreme operating conditions.

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