

Locking devices for Jamesbury™ ball valves Eliminator and Clincher™

Installation, maintenance and
operating instructions

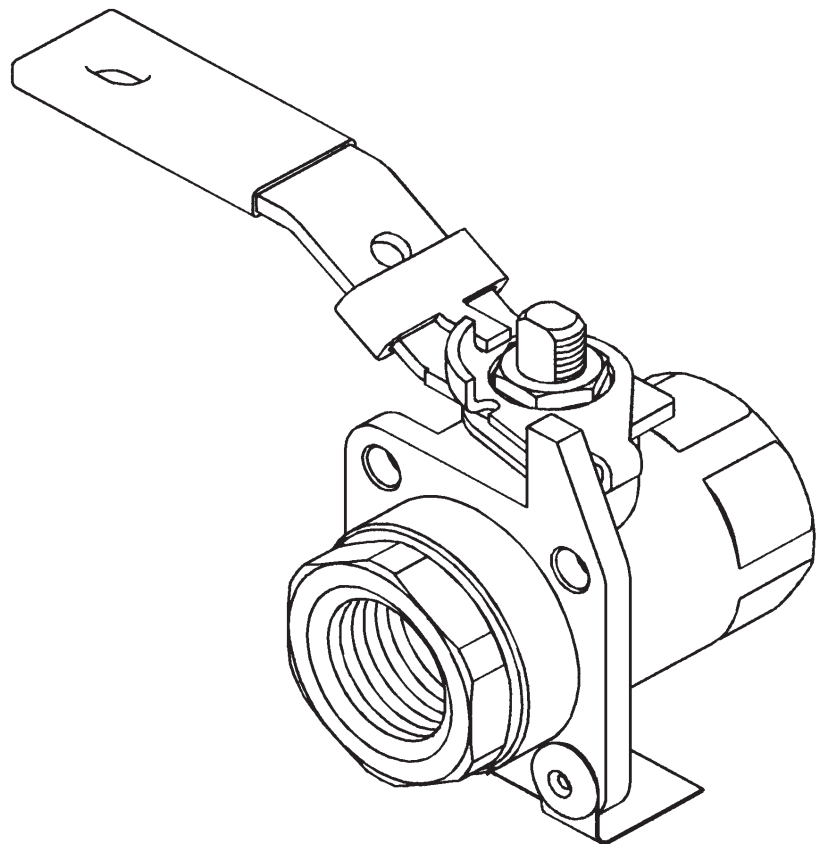


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READ THESE INSTRUCTIONS FIRST!

These instructions provide information about safe handling and operation of the valve.

If you require additional assistance, please contact the manufacturer or manufacturer's representative.

SAVE THESE INSTRUCTIONS!

Addresses and phone numbers are printed on the back cover.

1. GENERAL

This instruction manual contains important information regarding the installation, operation and troubleshooting of the *Jamesbury* Locking Devices for *Eliminator* and *Clincher* Ball Valves. Please read these instructions carefully and save them for future reference.

Jamesbury Locking devices are designed to hold *Jamesbury* Valves in a fixed open or closed position in applications handling hazardous or valuable fluids. Standard locking devices for 1/4" – 2" (DN 6 – 50) *Eliminator* and *Clincher* Valves are as follows:

For 1/4" – 3/4" (DN 6 – 20) *Eliminator* & *Clincher* LD-53

For 1" – 1-1/4" (DN 25 – 30) *Eliminator* & *Clincher* LD-54

For 1-1/2" – 2" (DN 40 – 50) *Eliminator* & *Clincher* LD-55

1.1 WARNING

1. FOR YOUR SAFETY, WHEN REMOVING HANDLES FOR THE INSTALLATION OF LOCKING DEVICES BE SURE ONLY HANDLE NUTS ARE REMOVED. DO NOT REMOVE BOTTOM STEM NUTS, BECAUSE REMOVAL OF BOTTOM STEM NUTS WITH VALVE UNDER PRESSURE COULD RESULT IN INJURIES BY ALLOWING MEDIA TO ESCAPE.
2. WHEN LOCKING, SECURING, BLOCKING OR OTHERWISE ISOLATING A LINE OR VESSEL, FOLLOW ALL APPLICABLE LOCAL AND NATIONAL SAFETY CODES.
3. CHECK THE LOCKED VALVE FOR THROUGH LEAKAGE UNDER THE EXPECTED LOCKOUT CONDITIONS. MOVE THE HANDLE IN BOTH THE OPENING AND CLOSING DIRECTIONS AND CHECK FOR LEAKAGE THROUGHOUT ANY TRAVEL OF THE LOCKING DEVICE, LOCK AND VALVE STEM. IF ANY DOUBT, BLANK THE LINE BY INSTALLING SUITABLE LINE BLINDS, BLIND FLANGES, PIPE CAPS, PLUGS, ETC.

2. INSTALLATION

To install these locking devices to the brass *Clincher*, Model B, Series 2000 *Eliminator* and *Clincher* Valves, proceed as follows:

1. Brass *Clincher*, Model B only, (**Figure 1**): (Single Stem Nut)
 - A. **NOTE: WHEN INSTALLING A LOCKING DEVICE ON A BRASS MODEL B CLINCHER, THE LINE AND VALVE MUST BE DEPRESSURIZED AND DRAINED. CYCLE THE VALVE SEVERAL TIMES AFTER DRAINING THE LINE.**
 - B. With the valve in the closed position, remove the stem nut and lockwasher, retain for disassembly. **Note:** On valves that have a spring tab washer, remove and discard. Replace with lockwasher supplied in locking device kit.
 - C. Remove the handle and discard.
 - D. Proceed to Step 3, and continue.

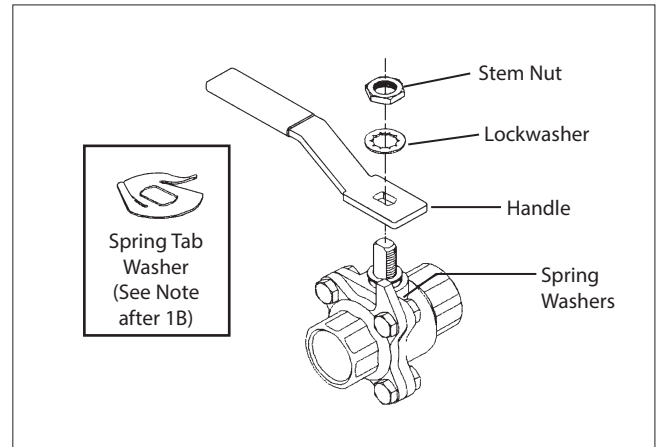


Figure 1.

2. Series 2000 *Eliminator* and *Clincher*, (**Figure 2**): (Double Stem Nut)
 - A. With the valve in the closed position, remove the top stem nut and the lockwasher, retain for dis-assembly. **Note:** On valves that have a spring tab washer, remove and discard. Replace with lock-washer supplied in locking device kit.
 - B. Remove the handle and discard.

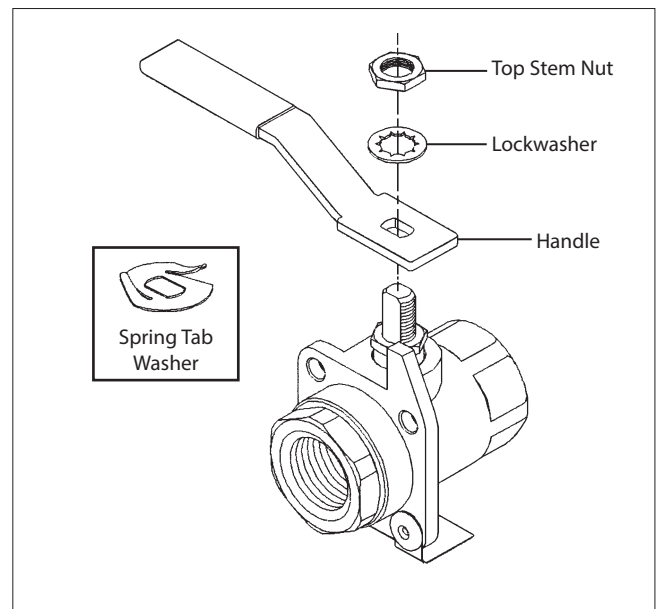


Figure 2.

3. Slide locking device plate over the end of the locking device handle (See **Figure 3**).
 4. Place locking device handle and plate assembly over the valve stem.
 5. Replace lockwasher and top stem nut. On brass model B valves tighten the stem nut until the spring washers are flat.
 6. Position the valve in the desired locking position (See **Figure 4**).
- Use a padlock with 1/4" – 5/16" (6.35 - 7.9 mm) diameter shackle.

3. REPAIR KITS/SPARE PARTS

For further information on spare parts and service or assistance visit our web-site at www.neles.com/valves.

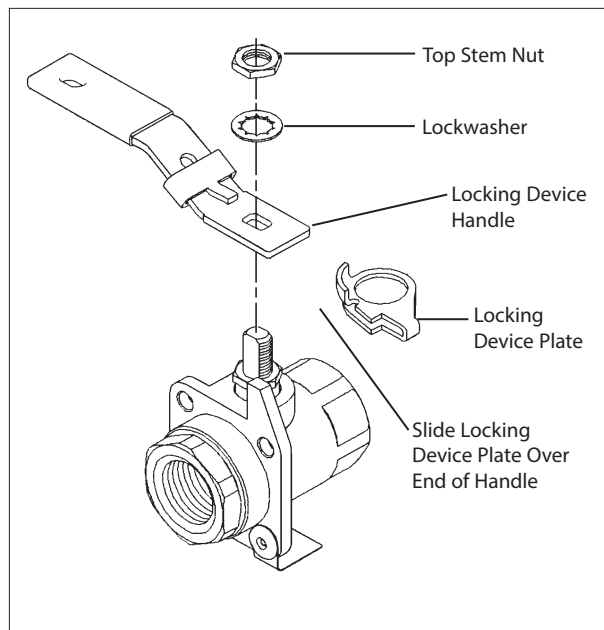


Figure 3.

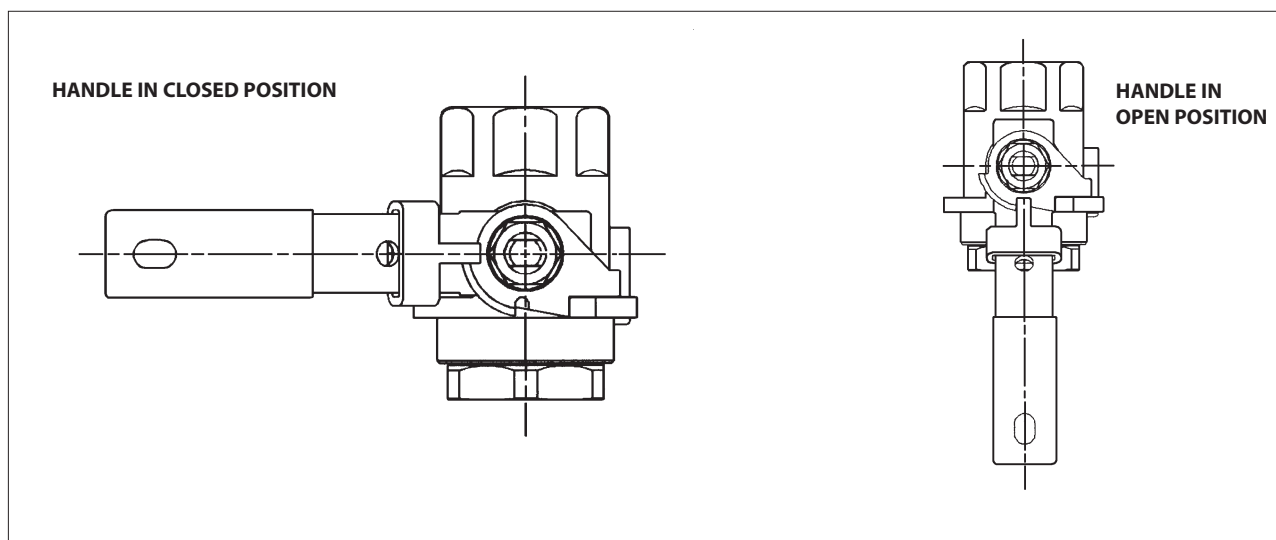


Figure 4.

Subject to change without prior notice.

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Valmet Flow Control Oy

Vanha Porvoontie 229, 01380 Vantaa, Finland.

flowcontrol@valmet.com

Tel. +358 10 417 5000.

www.valmet.com/flowcontrol

