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## 20 Series Latch Locking Handle Design

The Milwaukee Valve latch locking handle offers the end user the security of a tamper-proof pad lockable handle. OSHA requires the use of locking handles in many installations for lock-out/tag-out purposes and/or other safety reasons for facility operation. The handle can be locked in either the fully open or fully closed positions by adding a standard padlock. The handle and locking device are also manufactured of stainless steel material for additional strength and corrosion resistance.

As depicted in Figure (a), the collar needs to be slid up the handle to disengage the latch, and then the handle is free to be turned 90 degrees.

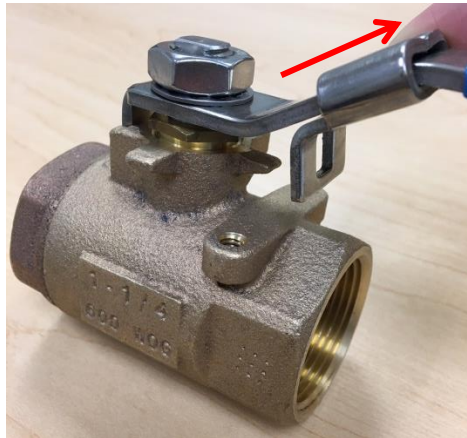


Figure (a) – Normal Operation

When the padlock is added, this collar cannot move to disengage the latch, thus locking the valve in the current position it is in, as seen in Figures (b) and (c).



Figure (b) – Locked in the Full OPEN Position



Figure (c) – Locked in the Full CLOSED Position

The design also has a tamper-resistant feature. If the valve is locked in either the open or closed position, it is impossible for the handle to be removed due to the design of the latch. This keeps any personnel from removing the entire handle and tampering with the valve. Figure (d) shows the handle nut and lock washer removed, however, the handle is physically unable to be lifted off of the valve stem.



Figure (d) – Tamper-Resistant Design