

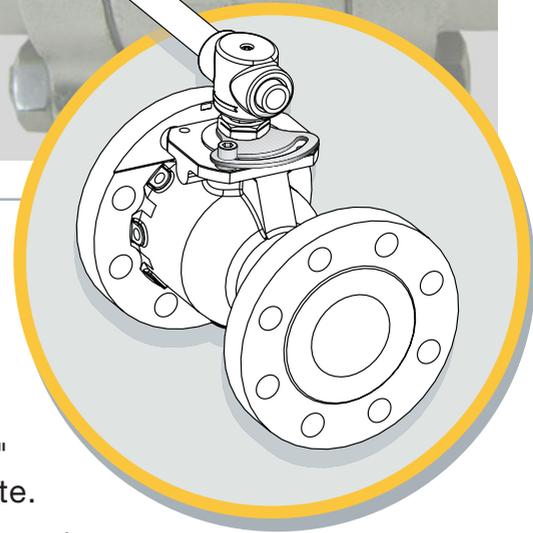


## Multi-Position Locking Device

### Scope

In some applications where on-off valves are used, there is also a requirement for intermediate positions for modulating control of the fluid process. Using manual ball valves for control can cause problems on site when they are unintentionally moved from their set point by the hydraulic forces of the fluid or by accidental operation of unauthorized people.

In these situations it is critical to control the valves by means of **Multi-Position Locking Devices (MPLD)**.



### Solution offered

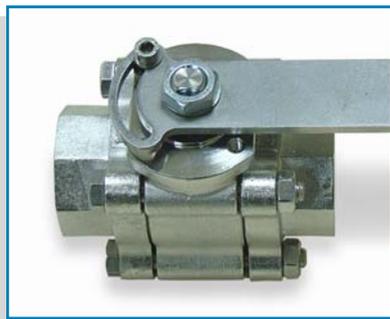
The Habonim MPLD is an addition to the locking device range and is used to secure the valve in any desired angle of rotation.

The MPLD consists of a handle which has a special moon-shape slot for valves up to and including 2½" only. For 3" size and above the MPLD includes a special stop plate.

all sizes the MPLD kit includes a cap screw that secures the position of the handle/plate to the valve body and a locking backup base.

By securing the handle to a desired position you can monitor your process to any flow capacity within the valve range, alternatively you can keep the cap screw loose to bring the valve to open or closed position as with regular on-off valves.

The locking backup base is located between the modified handle/plate and the valve ISO pad, ensuring that there is no undue side loading upon the valve stem when the locking cap screw is tightened.



Valve locked in open position



Valve locked in mid position



### Advantages

- The Multi-position Locking device kit can be retrofitted to existing ISO pad valve without affecting the integrity of the valve or process line.
- Simple mounting arrangement, requiring no special preparations.
- Custom shaped handle/plate assures safety in operation with an aesthetic look.
- Stainless steel kit increases corrosion resistant.