

# 65B & 2000B KNIFE GATE VALVE MEDIUM VIBRATION TREATMENT

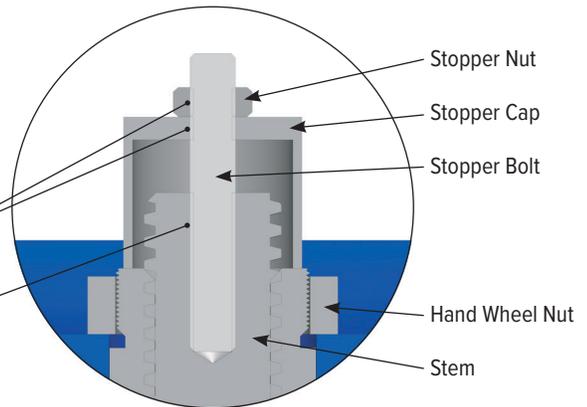


The following optional post factory treatment is available for the figure 65B and 2000B knife gate valve in medium vibration applications. Medium vibration is defined as oscillation ranging from non-visible to 1/16" transverse pipeline movement. Every effort should be made to reduce vibration in the piping system, as this treatment makes repeated valve stop adjustments (as on the figure 2000B) more difficult.

## Closed Position Stopper (Figure 2000B only)

The stopper nut and cap are secured with (red) Loctite® 262 after the close position stop is set.

The stopper bolt is fully seated in the valve stem and secured with (red) Loctite® 262.



## NOTE:

No activator is used with the Loctite® thread locker. In shop cure time is 24 hours. For stainless steel hardware, an additional 72 hours should be allowed for curing prior to initial service of the valve.

Stop adjustability will not be available once the thread locker cures. If adjustment is needed, the thread locker must be defeated by the application of localized heat as from a propane torch. Thread locker must be reapplied once the stop is readjusted.

## Sleeve Box Assembly

Valve sizes 12"-24" have a bearing hub. Hub nut and bolts are secured with (red) Loctite® 262.

## Clevis Assembly

Valves are supplied with nylon lock nuts on clevis bolts as standard. Nylon lock nuts are checked and verified tight.

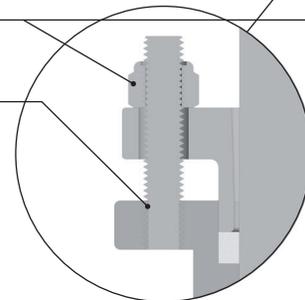
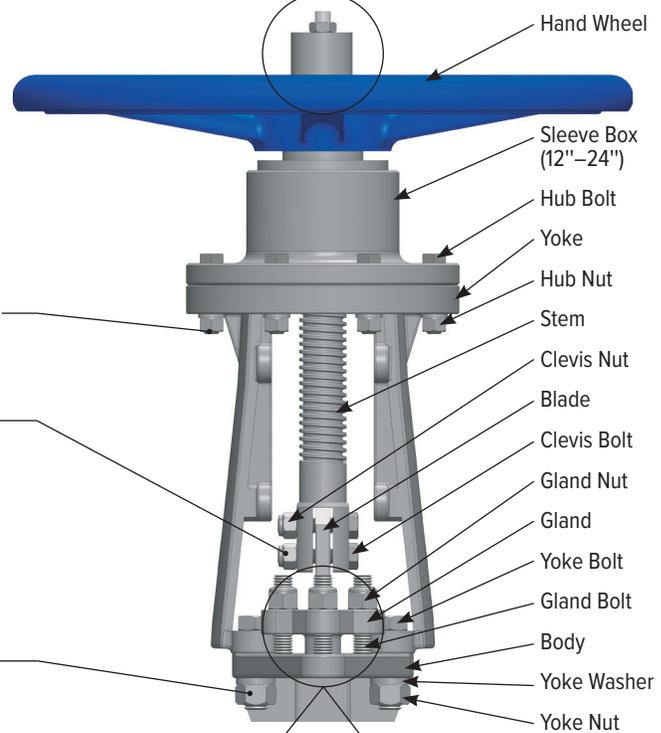
## Yoke/Body Assembly

The yoke bolt and nut are secured with a split ring washer and (red) Loctite® 262.

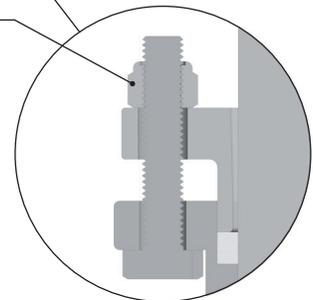
## Packing Assembly

Valves are supplied with nylon lock nuts on packing glands as standard. Nylon lock nuts are checked and verified tight\*.

For valve sizes utilizing a packing gland stud, the studs are fully seated in the body flange and then secured with (red) Loctite® 262.



Packing Gland Stud



Packing Gland Bolt

\* Valves are shipped with the packing minimally energized. AFTER INSTALLATION, PACKING GLAND MUST BE TIGHTENED.

# 65B & 2000B KNIFE GATE VALVE HIGH VIBRATION TREATMENT



The following optional post factory treatment is available for the figure 65B and 2000B knife gate valve in high vibration applications. High vibration is defined as oscillation ranging from 1/16"–1/8" transverse pipeline movement. Every effort should be made to reduce vibration in the piping system, as this treatment makes repeated valve stop adjustments (as on the figure 2000B) more difficult.

## Closed Position Stopper (Figure 2000B only)

Once the close position is determined, the stopper nut and cap are secured to the stopper bolt by tack weld.

The stopper bolt is fully seated in the valve stem and secured by tack weld.

### NOTE:

Stop adjustability will not be available as the stopper components will be tack welded. If an adjustment is needed, the tack welds must be ground off. Once the adjustment is made, the tack welds must be reapplied.

## Sleeve Box Assembly

Valve sizes 12"–24" have a bearing hub. Hub nut and bolts are secured by tack weld.

## Clevis Assembly

Valves are supplied with nylon lock nuts on clevis bolts as standard. Nylon lock nuts are checked and verified tight.

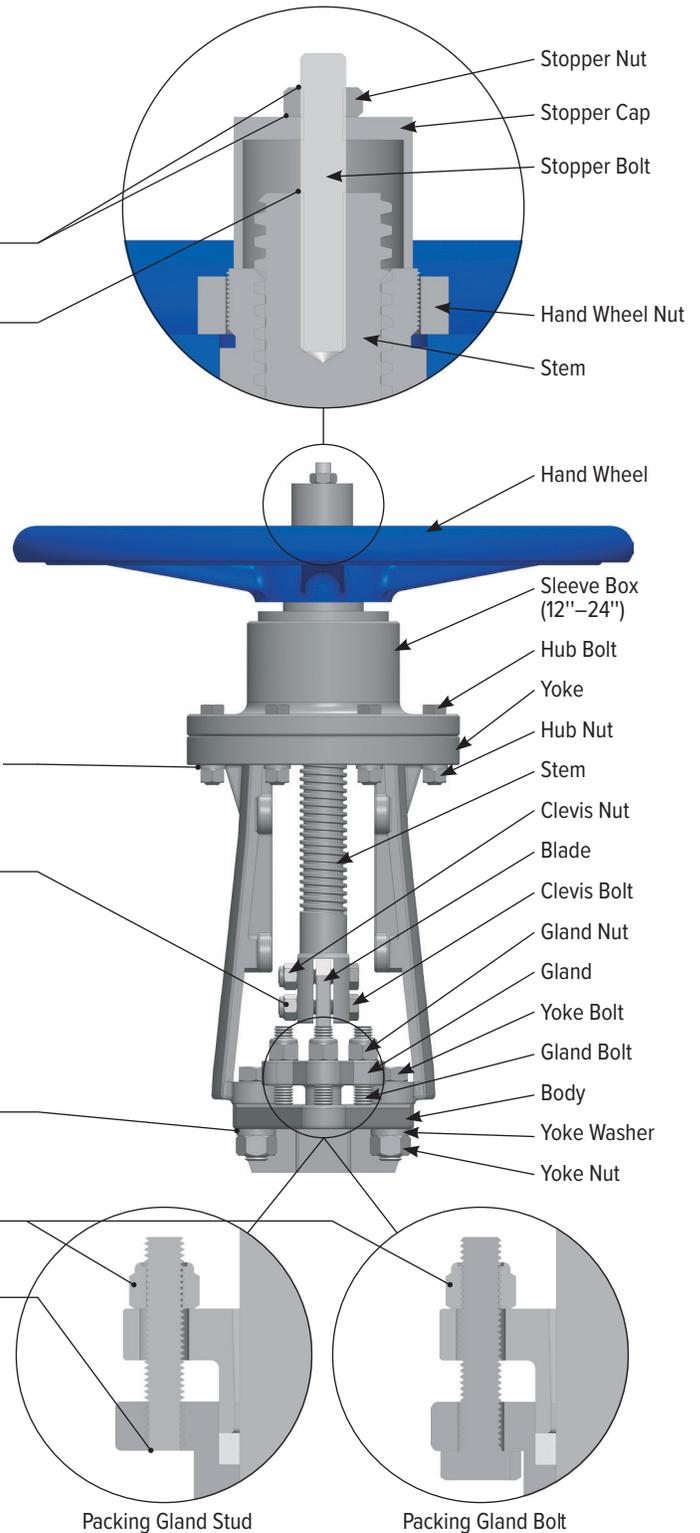
## Yoke/Body Assembly

The yoke bolt and nut are secured with a split ring washer. The nut and washer assembly is secured to the body by tack weld.

## Packing Assembly

Valves are supplied with nylon lock nuts on packing glands as standard. Nylon lock nuts are checked and verified tight\*.

For valve sizes utilizing a packing gland stud, the studs are fully seated in the body flange and then secured by tack weld.



\* Valves are shipped with the packing minimally energized. AFTER INSTALLATION, PACKING GLAND MUST BE TIGHTENED.