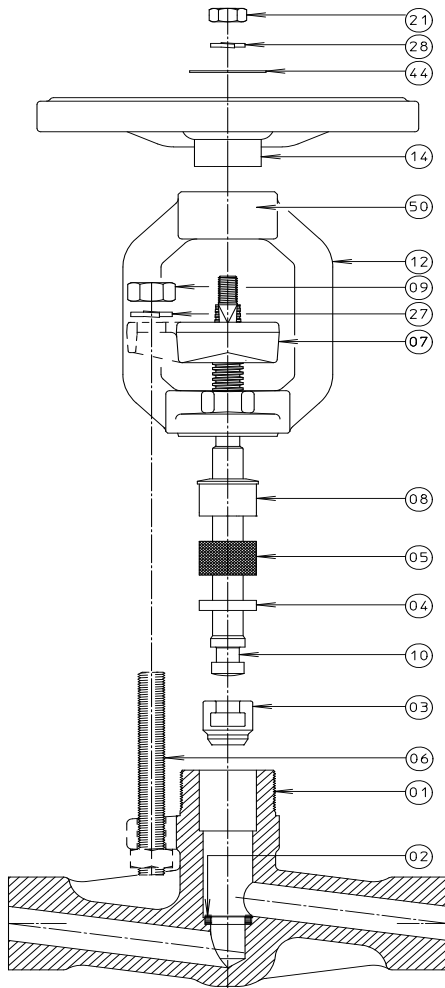


**DISASSEMBLY & ASSEMBLY GLOBE VALVE
WITH FLOATING BACKSEAT $\leq 2\frac{1}{2}$ "**



1. Caution, before any attempt is made to disassemble, verify that the valve is sufficiently cooled down, depressurised, isolated from system pressure and secured against accidental pressurisation.
2. Unscrew the nuts (09) from the gland bolts (06) and remove the gland bolts from the gland flange (07).
3. Operate the valve to the open position.
4. Loosen the yoke (12) by rotating it in a counter clockwise direction and unscrew it partly from the body (01) :
 - 7 revolutions for 3/8" - 1/2" valves
 - 10 revolutions for 3/4" - 1" valves
 - 17 revolutions for 1 1/4" - 2" valves
5. Rotate the handwheel (14) counter clockwise, past the fully open position to force the packing (05) and the floating backseat (04) out of the stuffing box.
6. Unscrew the yoke (12) and pull it together with the remaining parts out of the valve body (01).
7. Remove the handwheel nut (21) and rotate the handwheel (14) clockwise to unscrew the stem (10) from the yoke sleeve (50) until the handwheel disengages from the stem (10).
8. Continue unscrewing the stem (10) from the yoke (12) by hand gripping it below the yoke (12).
9. Remove the gland flange (07), the gland (08), the packing (05) and the floating backseat (04) from the stem (10) by pressing down on the floating backseat (04) whilst holding the stem (10) upside down.

INSPECTION PRIOR TO RE-ASSEMBLY

1. Thoroughly clean all parts with solvent and a clean cloth.
2. Examine the following parts for signs of damage, i.e. pitting, erosion or scratches:
 - A. SEAT (02) - Sealing surface
 - B. STEM (10) - Packing area
 - C. DISC (03) - Sealing surface
 - D. BACKSEAT (10 & 04) - Sealing surface
3. Lubricate all threaded parts with high temperature grease, i.e. Molykote HSC.
4. Insert the stem (10) in the designated slot located in the disc (03)
5. Insert the stem/disc assembly into the valve body (01).
6. Insert the floating backseat (04) (with radius down) into the valve body (01).
7. Insert the packing (05) (markings facing down) into the valve body (01).
8. Place the gland (08) over the stem (10).
9. Put the yoke (12) together with the gland flange (07) over the stem (10).
10. Screw the yoke (12) clockwise on to the valve body (01), while rotating the stem (10) counter clockwise.
11. Fixate the gland flange (07) with the gland bolts (06) and gland nuts (09).
12. Fixate the handwheel (14) and nameplate (44) to the stem (10) with the nut (21) and washer (28).
13. Tighten the gland bolting (06/09) to compress the packing.
14. Loosen the gland nuts (09). Then carefully retighten the gland nuts (09) again.
15. Pressurise the system and check the packing (05) for signs of leakage.
16. In case leakage is observed, tighten the gland nuts (09) carefully until the leaking stops.
17. The valve is now ready for use.

