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Installation of Split Back-up Flanges on Chart Bayonets

- 1.) If applicable, remove protective covers from bayonets.
**NOTE: If piping system is in service, remove all pressure from system before removing V-retainer clamps.
- 2.) Refer to Figure 1.
 - a. Verify bayonet flanges and nose seals are not damaged.
 - b. Apply thin layer of halocarbon grease to O-ring. Do not use standard, hydrocarbon-based grease.
 - c. Install O-ring in O-ring groove.

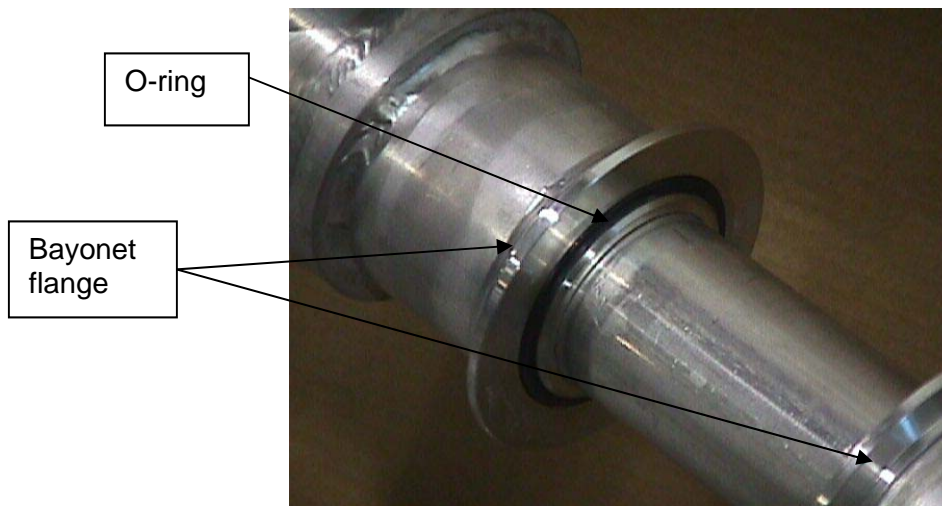


Figure 1.

- 3.) Engage male bayonet into mating female.
 - Do not twist bayonets during engagement!
 - Do not force. If force is required, disengage and inspect bayonets.
 - Engage bayonets until flanges are within $\sim 1/16$ " of touching.
- 4.) Back-up flanges have machined surface that matches bayonet flange. See Figure 2.

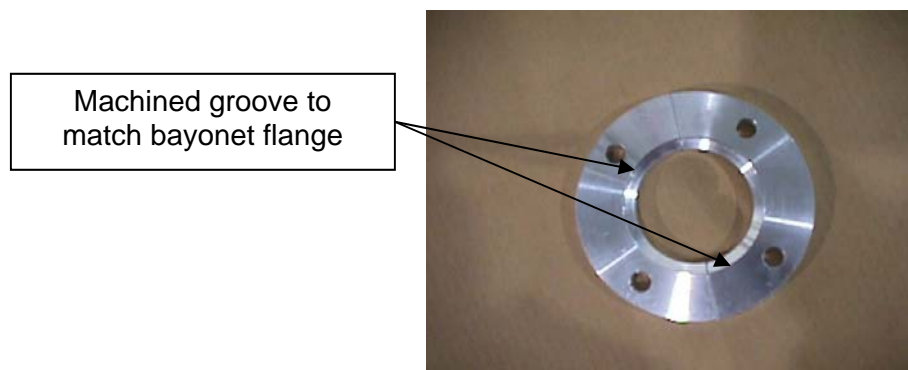


Figure 2.



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- 5.) Back-up flanges are installed with left and right sides twisted 90 degrees in relation to each other. See Figure 3.

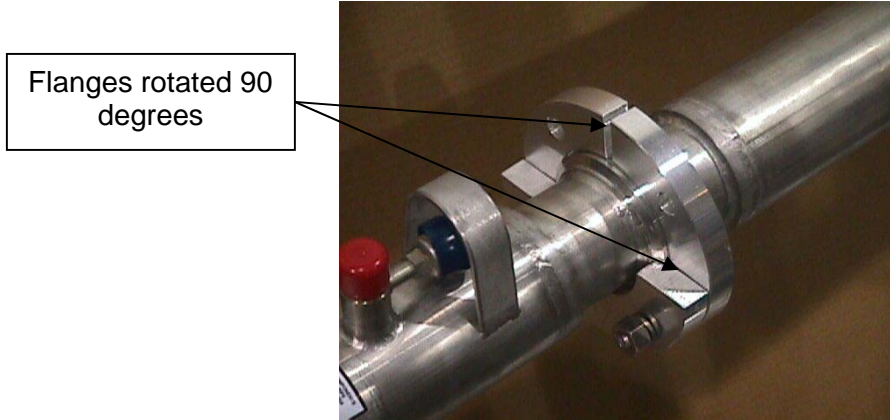


Figure 3.

- 6.) Install stainless steel bolts, each using lock washer and nut. Assure flanges fit tightly to bayonet flanges. Tighten bolts securely.



Figure 4. Completed assembly