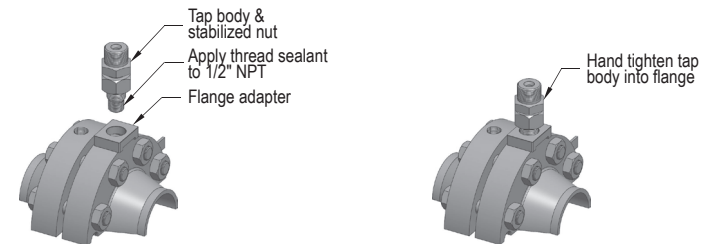
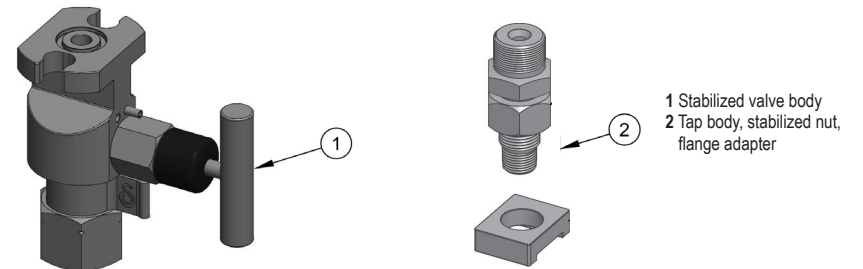




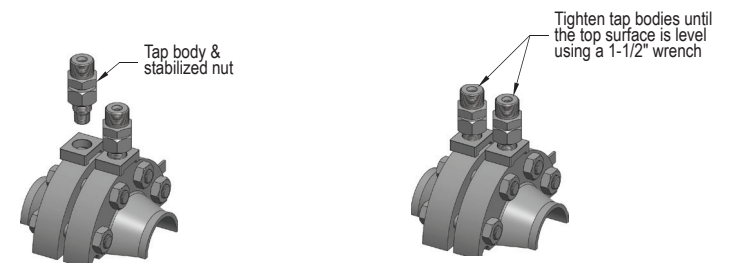
SV Series Stabilized Connectors with Integral Valve Assembly Instructions



Scan QR Code to view animated assembly of SV Series Stabilized Connectors with Integral Valve.



1. Apply thread sealing to 1/2" NPT threads of tap body. Place flange adapter over the tapped hole of the orifice flange. Hand tighten the tap body and stabilized nut into the orifice flange.

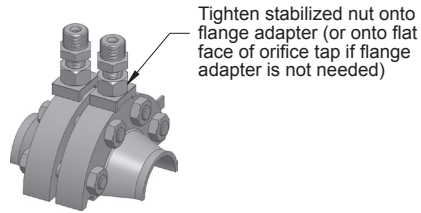


2. Repeat step 1 with the second set of tap body, stabilized nut and flange adapter parts. Apply the final torque to each tap body alternating between each tap to ensure the top surfaces are level and they are sufficiently tightened for a proper seal.

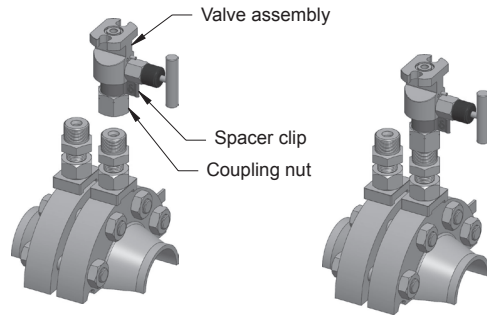


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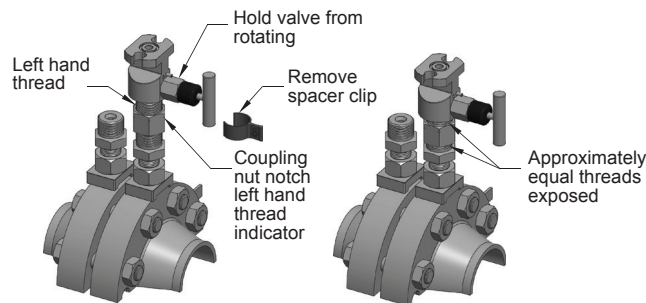
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3. Tighten the stabilized nut onto the flange adapter once the tap bodies have been tightened and leveled using a 1-1/2" wrench.



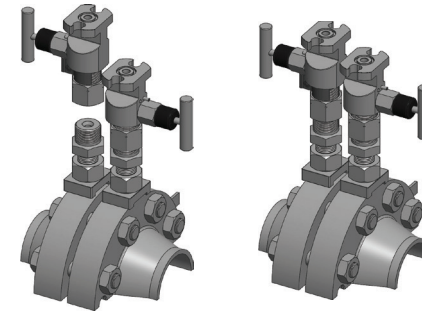
4. The valve body has a left-hand thread. The coupling nut is threaded onto the valve body 1 to 1-1/2 turns. The coupling nut has been pre-installed on the valve body with the provided spacer clip. Do not thread the coupling nut beyond this point. Place the valve assembly and coupling nut onto the tap body.



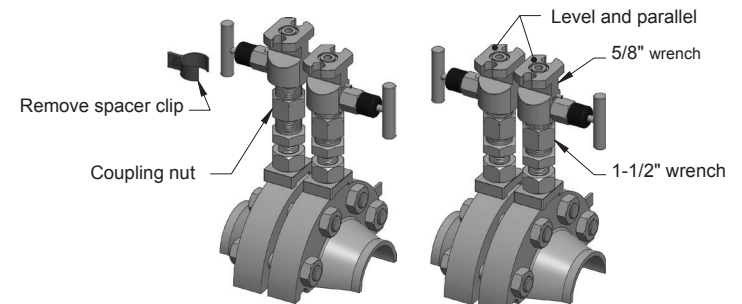
5. Hold the valve in a fixed position and remove the spacer clip. Hand tighten the coupling nut approximately 7 turns clockwise onto the tap body threads.

Note: The coupling nut will simultaneously engage the threads of the valve body and the tap body an equal amount and draw the two parts together.

Stop tightening once the valve body contacts the tap body. **Do not overtighten!** Final connection torque is applied in a later step.



6. Repeat Step 4 for the second stabilized valve assembly.



7. Repeat Step 5 for the second stabilized valve assembly. The valve assembly flanges should be level to each other. If not, check Step 2 to ensure the tap bodies are level.

8. The flanges of each valve should be parallel to each other. Make minor adjustments to the rotational positions of each valve by slightly loosening and retightening the coupling nut by hand.

Once the valves are adjusted into their proper positions, hold the valve from rotating using a 5/8" wrench and apply the final torque to the coupling nut using a 1-1/2" wrench.

The metal to metal cone connection does not require an excessive amount of torque to seal. Use approximately 15-20 ft.-lbs.

If needed, the coupling nut can be further tightened once upstream valves and transmitters have been installed and all joints have been leak checked.