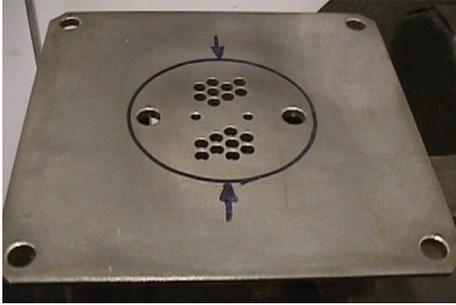


## Assembly & Setting Procedure

- Check clean and de-burr on sealing surface of port plate.



- Clean off top of float ball for locknut to seat.



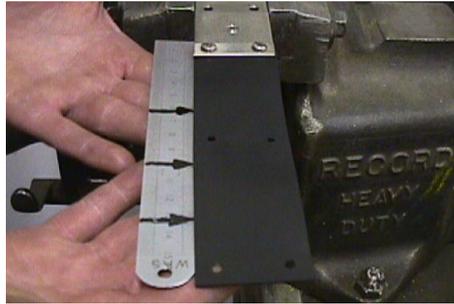
- Put locknut on operating rod and screw into operating plate until level with top surface and lock off.



- Grip end of plate in the vice horizontal with most of the plate overhung to give access to one set of holes.
- Inspect the peel valve for it's smoothest side. Mount this face down using the 4 x 20mm SS screws through the clamp bar (check the bar has no sharp edges). The screws should be tightened using the 4mm locking nuts. Do not clamp so hard as to distort the rubber.

Check that the valve is in a perfect line

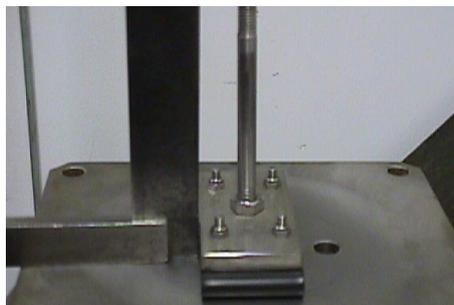
with the sides of the operating plate.



- Turn the plate end to end to expose the second set of holes.
- Put screw E16 through a second clamp bar and down through the rubber. Roll back and affix down through the second set of holes in the operating plate. This forms an arch away from the plate. Tighten screws being careful to keep end square to end of operating plate. Do not over tighten.



- To check place valve down on a flat surface (e.g. port plate) and check that valve sits square with the operating rod at 90° to the plate and both ends square to the operating plate with no tendency of the valve to wrinkle up.

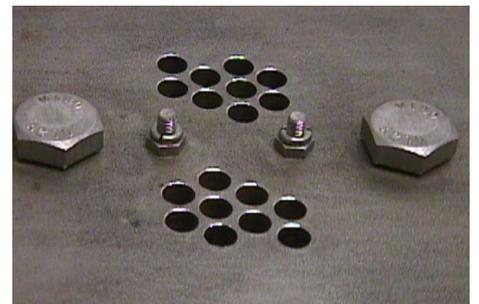


- Put screws through the final clamp bar and push through the clamp bar seal. This must be a tight fit. Place the screws through the remaining holes in peel

valve then through the centre of the port plate. Put on lock nut and ensure valve is parallel to the sides of the port plate. Tighten to give a firm grip but do not distort valve rubber.



- Place plate/valve assembly on upper diffuser assembly. Secure using 10 x 20 SS screws and nylon sealing washers. Locate washers in holes in the port plate and tighten firm enough to seal. NOTE: new screws and diffuser thread should be lubricated with copper grease.



- Adjustment – screw the 5/16 BSW nut E12 onto the operating rod and then carefully screw on the float. The height of this is adjusted to give a clearance between the operating plate and the valve centre fixing screw heads of 3 - 5mm when the ball is in the cone. The nut can then be locked against the float. Do not over tighten, as the floats plastic thread will strip.



- Re-check adjustment by dropping the ball into the cone and noting the gap through the mesh of the diffuser, also check for valve upsetting due to poor alignment.
- The completed assembly can now be bolted to the top cap using a separator cap gasket and four copper greased 10 x 33SS screws and spring washers.

NOTE: the valve should always be positioned with the rubber valve at 90° to the direction of flow.

