

## Products Warranty - Australia

For warranty details see our website:

<https://www.faucetstrommen.com.au/warranty/>

# Installation Guide **IG 036**

Release Date: 27.04.23

## Valve and Tap Assemblies for Wall



### Suits Models:

35309, 35310, 35311

### Important requirements:



Must be fitted in accordance with AS/NZS 3500 by qualified plumber



Mains 500kpa regulator must be fitted



Maximum hot water temp. 65°C



Only clean municipal water supply. No bore, dam or hard water without filtration & treatment

### Cleaning

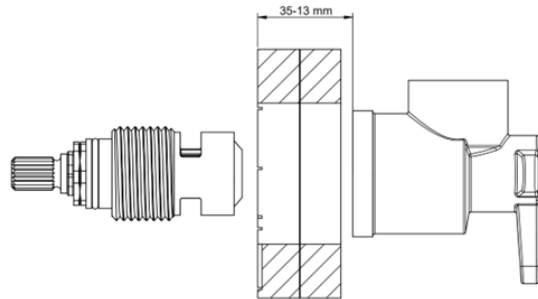
Clean only with a soft microfiber or similar cloth and warm clean water. Ensure that the cloth is clean and free of any grit or chemical. Dry tap off with a soft clean cloth. Ensure that your tap is not subject to any chemicals, building grit or any type of abrasive or polish. For care of special finishes please visit our website.

### Maintenance

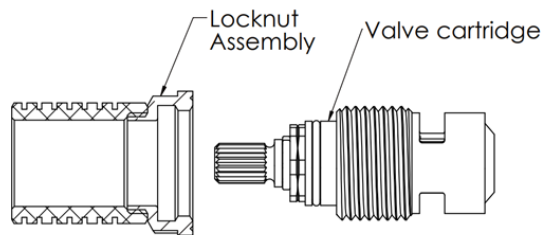
Aerators may need to be flushed from time to time if flow diminishes or stream pattern deteriorates. For Pegasi & Cascade mixers, use the aerator key provided to unscrew the aerator. You will notice a "castle" pattern around the edge of the aerator, the key engages with this allowing you to unscrew the insert easily. For Zeos models, use the aerator key to unscrew the aerator housing, you will then be able to pop the insert out the top of the housing. Rinse off the upper face of the insert with running water and gently brush clean with an old toothbrush to remove any debris before refitting the aerator.

## Installation

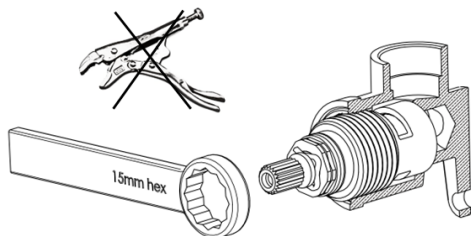
1. This product has been designed to screw into an existing breech set manufactured to Australian industry norms and standards.
2. The distance from the face of the body to the finished wall surface must be between 13 and 35mm – refer to diagram. To make it easier for the assembly, we suggest measuring and taking a note of the actual depth (this dimension will be used later in the process).



3. If you are installing this product into pre-existing bodies, check that the body seats are clean and smooth; reseal if necessary.
4. The valves comprise of 2 pieces, the **valve cartridge**, and the **locknut assembly**. *Do not assemble* the 2 pieces together until later in the installation.



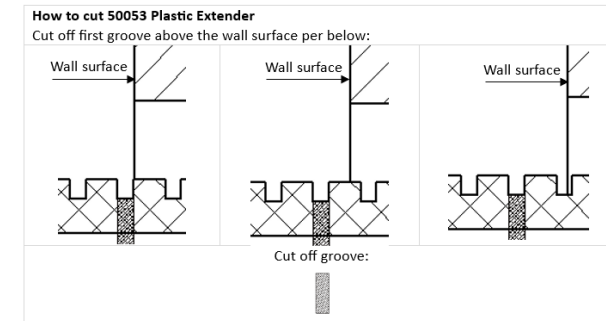
5. Note that both valve cartridges are identical (the Hot and Cold valves both open by turning the handle clockwise).
6. Carefully screw the valve cartridges into the in-wall bodies / breech by hand and **nip up very gently** with a suitable sized ring spanner. **Do not over-tighten** otherwise the brass cartridge can become deformed and will leak. **Do not use vice grips**, otherwise the brass and O-ring can get damaged causing leaks.



7. Using your fingers to clutch on the spline, turn the spindles fully anti-clockwise. This is in preparation for a later step.

8. Once the cartridges are installed, slide a **red fibre washer** over each cartridge and screw on the **locknut assembly** all the way *by hand* (do not use tools).

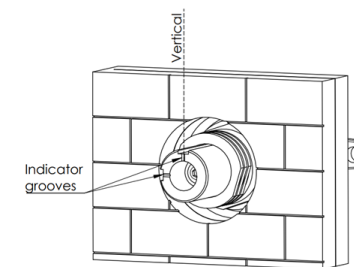
9. The *plastic part* of the **locknut assembly** has several grooves cut into it. Depending on the depth of the body in the wall, the plastic must be cut to the correct length to suit your installation. Use the diagram below to determine the correct length and make a mark in the correct groove (do this separately for each valve assembly, as the hot and cold bodies may be installed at slightly different depths).



10. If it needs to be shortened, remove the **locknut assembly**, and cut off the plastic to the correct length. We suggest gently holding the **locknut assembly** in a bench vice, and using a hacksaw blade to cut through the plastic. Carefully insert the teeth of the blade in the appropriate groove and cut through the part ensuring the blade follows the groove path to keep the cut square.

11. Remove any plastic swarf and debris, then reassemble the locknut assembly over the valve cartridge (ensure the **red fibre washer** is still in place), again tightening it all the way by hand.

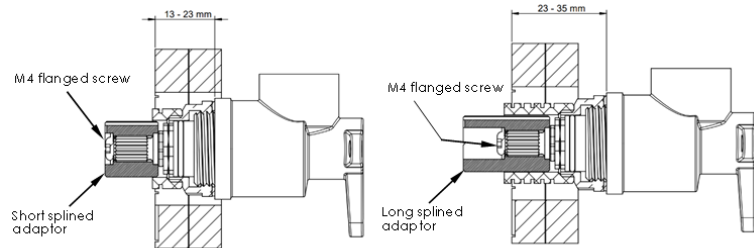
12. Assemble the **long splined adaptor** (ensure it is orientated so that the indicator slots are facing outwards) and carefully align the teeth of the spline with the valve ensuring the indicator slots are aligned as shown in the diagram.



13. When the valve is rotated fully anticlockwise, the top slot should face vertically. [If perfect alignment is not possible, remove it and engage it in the next available spline in the clockwise direction. Then grip this *gently* with vice-grips (or the tool provided) and rotate it anti-clockwise (it should turn the valve cartridge) until it is perfectly square.]

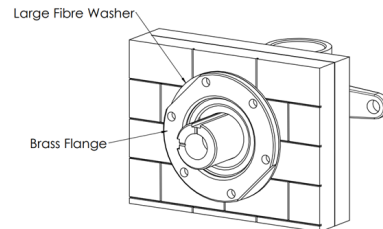
14. Firmly tighten the locknut assembly using a 25.4mm (1 inch) hex socket spanner. (Ensure the spanner locates on the brass hexagon area – do not use the flats on the plastic part to tighten the assembly). Recheck the alignment of the splined adaptor to ensure the groove is vertical in the anti-clockwise position.

15. Select either the short **OR** the **long splined adaptor** depending on the installation depth of the wall bodies. Tip: Refer to the measurement recorded in point 2) of this instruction – if the depth was less than 23mm then use the **short splined adaptor**. If the dimension was 23mm or more then use the **long splined adaptor**.

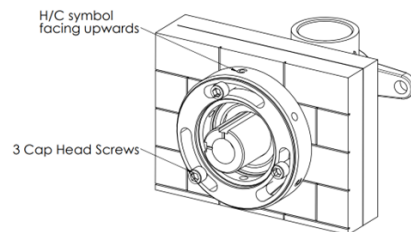


16. Use the M4 flanged screw to lock the splined adaptor in place. Use the Allen key provided and tighten firmly.

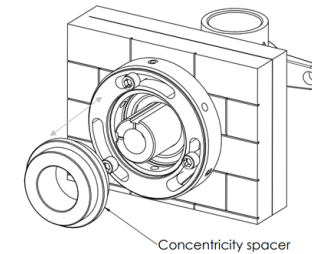
17. Place the large fibre washer over the valve spindle and thread the **brass flange** over the locknut assembly as shown in the diagram (ensure that the part is not cross-threaded) and tighten by hand until it is tight up against the wall surface (make sure the fibre washer remains centrally located around the rear of the flange). Gently lock the flange in place using a large shifting spanner (exert only enough force to prevent the flange from unscrewing by hand).



18. Place the **dress ring** over the **brass flange** as shown and align so that the H or C symbol is facing upwards. Note that the dress ring has two C's – use the appropriate one which faces the correct way for wall installations. Loosely attach the **dress ring** using the 3 **cap head screws** provided.

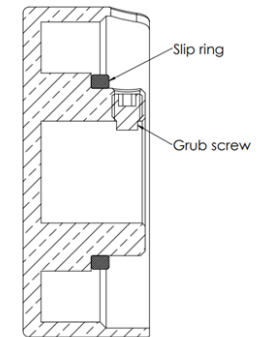


19. To ensure that the dress ring is perfectly concentric to the valve, we have supplied a round plastic **concentricity spacer**. Slide this over the **splined adaptor** and locate it into the **dress ring**, then lock up the 3 **cap head screws**.

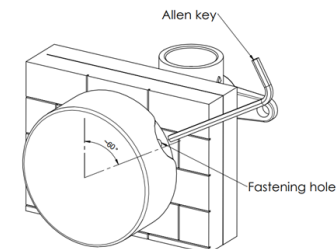


20. Remove and discard the concentricity spacer.

21. Place the plastic **slip ring** over the step machined in the back of the handle, then assemble the handle (with **slip ring**) onto the tap with the wave form cut-away at the top. The handle has a pre-inserted **grub screw** that protrudes into the bore; the handle should slide over the splined adaptor with the grub screw engaging in the slot.



22. Rotate the handle clockwise through approximately 60 degrees until the waveform passes over the small **fastening hole** in the **dress ring**. Insert the Allen key through the hole and tighten the handle in place by fastening the grub screw onto the adaptor. Make sure the handle is pushed up against the wall when tightening.



23. The handle should now operate smoothly and freely to control the tap through 90-degree (1/4 turn) operation.

24. Thoroughly check operation and seek assistance from Faucet Strommen should anything not be functioning to expectation.