



60cm Thermowell – Instruction Manual

KL14649



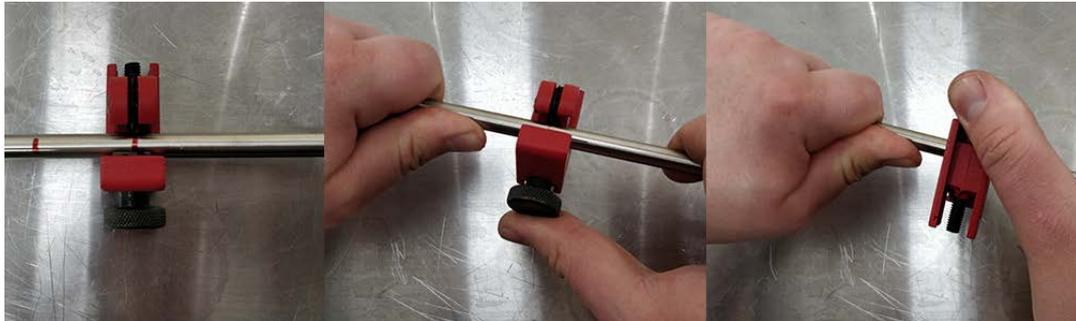
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If you are using the thermowell for a 27L or 30L FermZilla then use a pipe cutter to cut the thermowell down to 33cm in length.

Step 1 – Scoring the metal for a 55L FermZilla Conical or 60L FermZilla All Rounder

1. Measure 57cm from the closed end of the Thermowell and make a mark using a permanent marker at the 57cm mark. There should be 3cm of Thermowell above this mark which prevents the Thermowell falling into the FermZilla if you accidentally bump it or push it too far into the duotight Fitting.
If you are using the Thermowell for a 27L or 30L FermZilla then make a mark and cut at 30cm from the closed end and follow the same procedure.
2. Using a pipe cutter (Part [KL14557](#)) make a score mark at this line. This can be done by hand tightening the pipe cutter onto the mark and then rotating the cutter two full rotations. Then hand-tighten again on the mark and perform another two full rotations. (The number of rotations required is dependent on your strength)



Step 2 – Drilling a hole in the FermZilla lid

1. Secure the FermZilla lid using a vice or vice grips. You will need the lid to be held tight as it will require a large amount of force to drill the hole in the lid.
2. From the underside of the lid cut out a 12mm guide hole using a 4-22mm self-starting HSS Stepped Drill Bit (Part [KL09447](#)).
3. Then from the outside cut out a 14mm hole using the 12mm hole as a guide.
4. You will then need to cut out a groove on the outside of the lid to sit the o-ring of the duotight bulkhead fitting in. To do this use the stepped drill bit to cut a 16mm groove (you should just touch the 16mm step and only cut out a small groove). Be careful not to cut this groove too deep, it needs to be deep enough to just seat the o-ring. If you cut it too deep it will no longer seal.

NOTE: When you seat the duotight fitting into this groove on the outside of the lid, the o-ring on the duotight fitting should not be visible.



Step 3 – Assembling the duotight bulkhead fitting

1. Push the thread of the supplied duotight Bulkhead fitting into the hole from the outside of the lid, it should be a tight fit and you may need to rotate the thread as you insert it into the hole.
2. Once the duotight fitting has been inserted into the hole make sure that it is flush with the face of the lid and then tighten the stainless steel nut onto the thread on the inside of the lid.

NOTE: Make sure to not overtighten the nut as it could strip the thread of the duotight fitting.

Step 4 – Inserting the Thermowell into the duotight bulkhead fitting

1. Place some food-grade lubricant (Part [KL07221](#)) on the closed end of the Thermowell.
2. Push the Thermowell into the duotight Fitting from the outside of the lid.
3. Push the Thermowell in until you hear a click. To ensure the thermowell is locked in place, pull up on the Thermowell and you should see the collet push up.

Lastly, perform a leak test by filling the FermZilla with water and then pressurise the FermZilla with approximately 10 PSI. Listen for any sounds of leaking gas and spray or sponge detergent solution onto the lid and look for any leaks in the form of bubbles forming.

