

## Tools needed:

Metal cutting band saw (recommended)  
Or Stainless Pipe Cutter (good)  
Or Abrasive Chop Saw (last resort)

Fine cut metal file

Or mini grinder with fine roloc sanding disc or similar.

Great care should be taken when cutting the tubing as the cut ends are usually visible on the final installation. Cuts should be accurate, square and well deburred. Take care not to mark the tubing when cutting.

**WARNING** – cut edges, that have not been deburred, are very sharp. Be careful when handling. We recommend that you wear gloves and suitable eye protection.

It is very important to not use tools/blades that have been used to cut other metals as this can cause “tea staining” i.e. contamination that looks like rust.

1. Accurately measure the tubing and mark with a felt tip or similar where the tube needs cutting.
2. We recommend the tubing is cut in a suitable metal cutting band saw or similar.
  - a. Abrasive chop saws can be used if the cuts can be suitably cleaned up and burn marks removed. If using a chop saw, take care to ensure the cut is slow and stainless steel doesn't overheat as it will leave a bad burn mark and harden the steel, making further cutting or working on impossible
  - b. Alternatively, there are specialised DIY tools like this one - <https://www.ridgid.eu/gb/en/stainless-steel-tubing-cutters> . The model in question is a Ridgid 65S Steel Pipe Cutters, cat no: 31803 (maybe a spare blade would be prudent).
  - c. Our workshop guys always say ‘under no circumstance use an angle grinder’ (they are quite adamant that this is the quickest way to ruin your day!)
3. The tubing will need to be deburred inside and out, using a fine cut metal file. Remember this edge is seen. All burrs inside the tube must be removed to enable the fittings to be inserted. The outside of the tube can be deburred with a mini grinder fitting with a fine roloc sanding disc, but again this can easily damage the tube if great care isn't taken!

### Note:

Technical information, dimensions and illustrations in this guide are for guidance purposes only. We reserve the right to change product sizes and details without prior notice. We always recommend that the purchaser checks the sizes of the actual batch purchased prior to drilling other materials.

All advice or assistance relating to our products is given in good faith but without obligation and subject specifically to the exclusion of any liability whatever on our part or on the part of our staff for damages whether direct or consequential. It is the buyer's responsibility to establish the suitability of the product and materials for the purpose for which they are purchased.