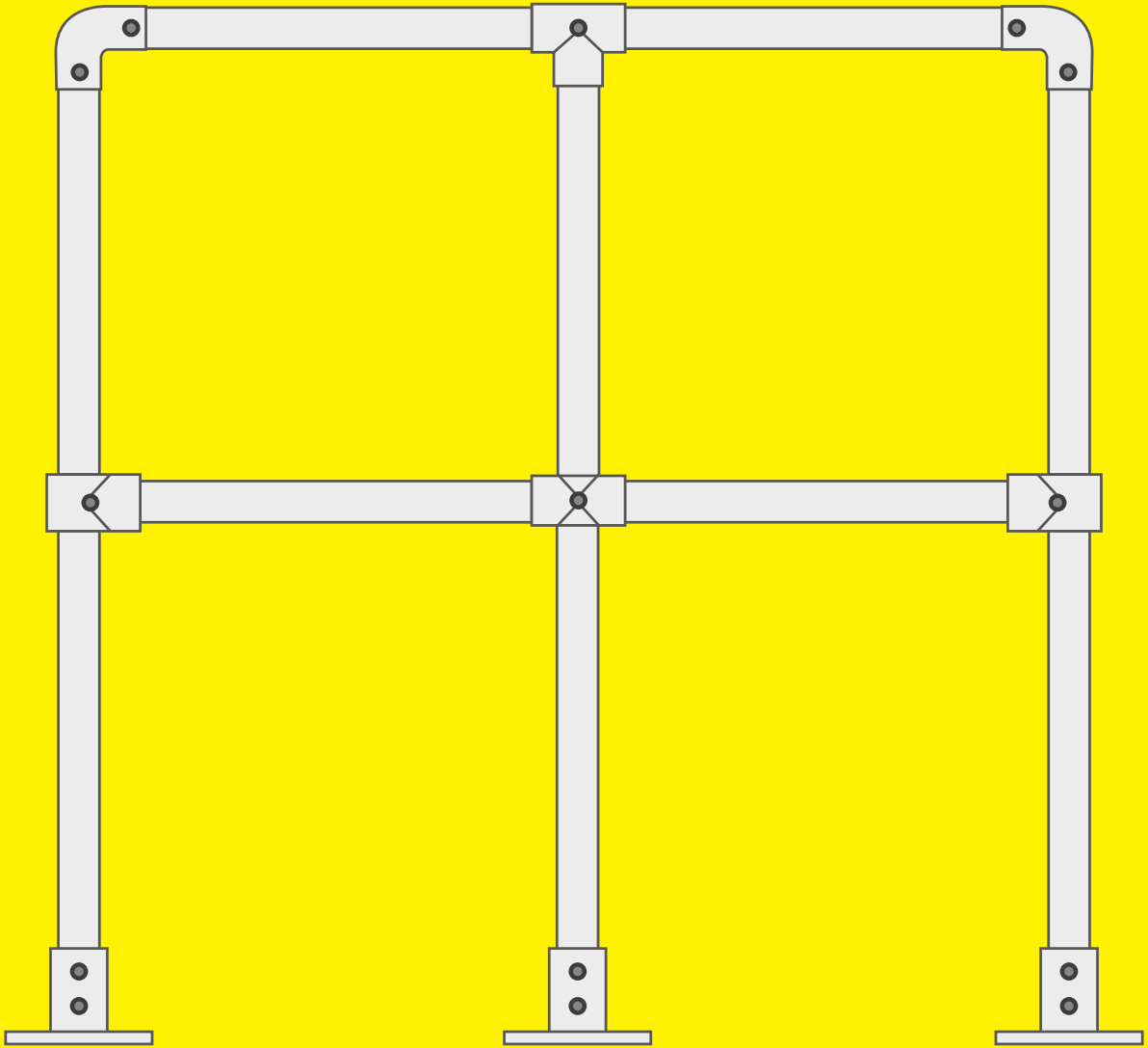


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# Step by Step Assembly Guide



## Build Your Own Handrail

**THE ONE STOP METALWORK SHOP**

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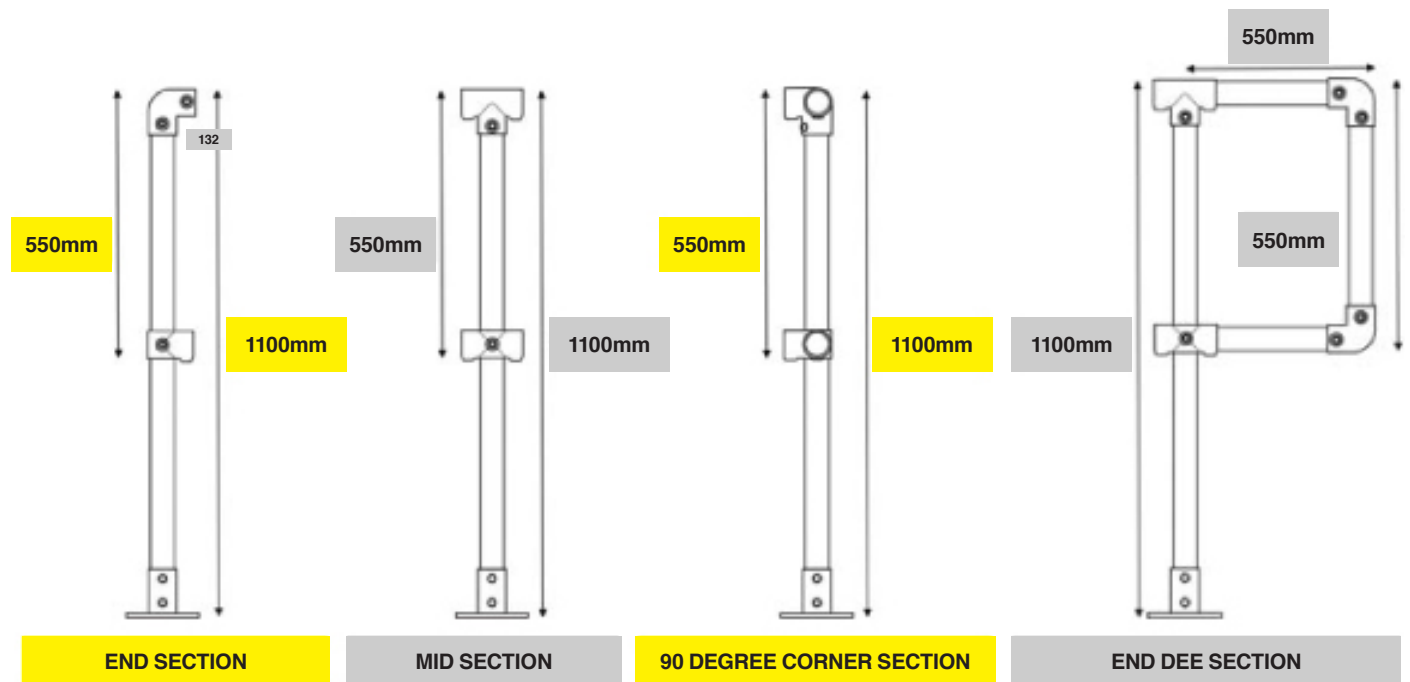
# Build Your Own Handrail

## Step by Step Assembly Guide

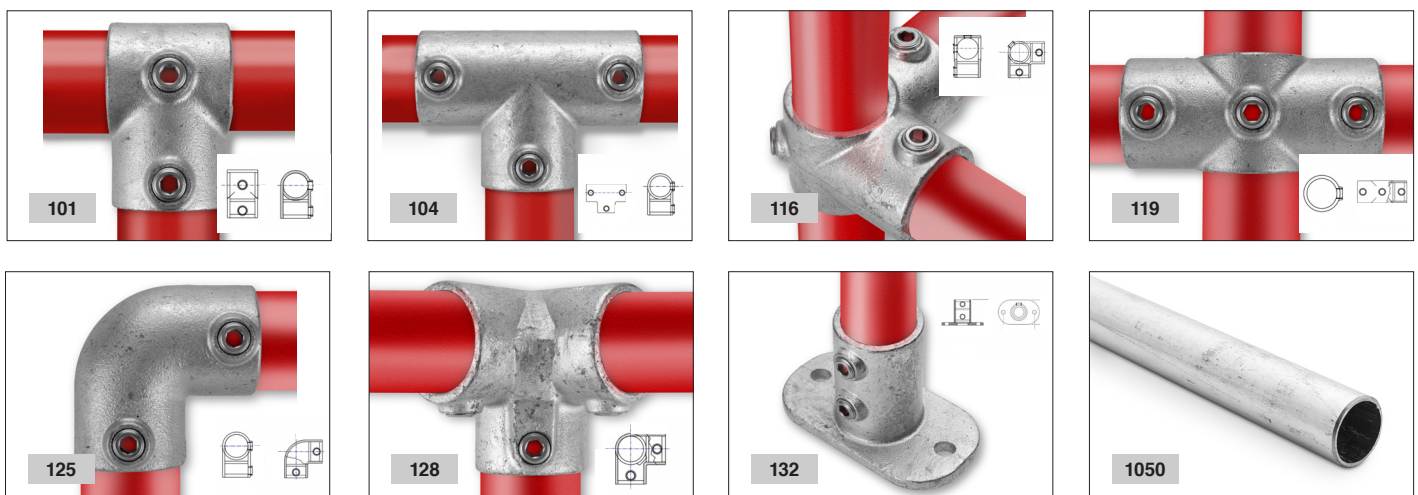
### What you will need...

- Hex key supplied.
- Drill with 12mm masonry drill bit.
- Floor fixings M12 x 100mm Through bolts or M14/12 x 100mm Anker bolts (Thunder Bolts)
- 19mm Spanner or Socket
- Hammer
- Spirit Level
- Tape Measure

## Product Summary



### Parts:



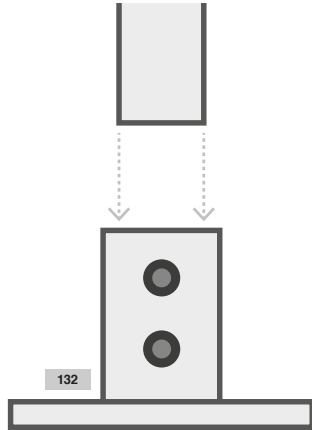
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# Step by Step Guide - Handrail

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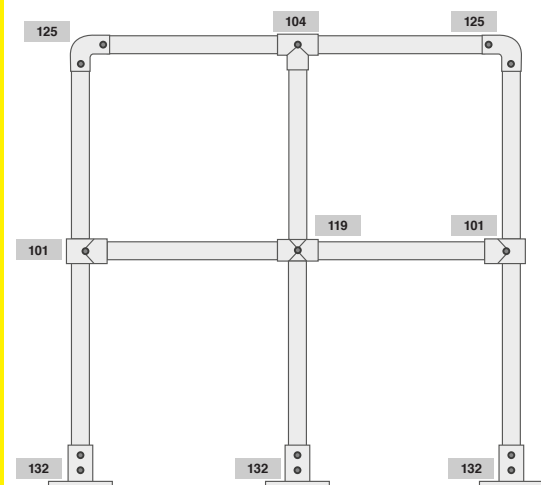
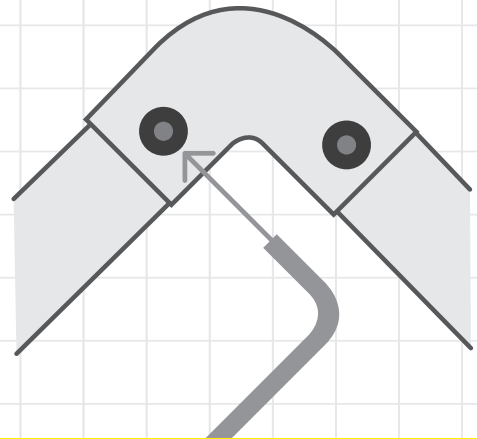


## Step 1

- Take the Base Plate (132) and slide the 1050mm length of galvanised tube into the fitting until it hits the bottom.
- Using the hex key, tighten the grub screws on the fitting to the tube so it remains attached.
- Next slide the middle fitting (101, 116, 119) down the tube to the required position (usually the middle of the upright) and tighten the grub screws.
- Finally fit the top fitting (104, 125, 128) ensuring all fittings are aligned.
- You can then tighten the grub screws and your upright post is complete.

## Step 2

- Place your upright post into position and mark 2 holes to show where needs to be drilled.
- Remove the upright and drill 2 x 12mm holes 100mm deep.
- Place the upright post over the holes and screw the M12 x 100mm through bolts or M14/12 x 100mm Anker bolts (Thunder Bolts) through the Base Plate into the ground and ensure the post is tightly secured.
- Once secured, insert the two horizontal tubes into the top and middle fittings and tighten the grub screws.



## Step 3

- At the opposite end of the fixed upright add the second post and slightly tighten the grub screws to the two horizontal tubes.
- Position the second upright post to the required position and mark the floor again to show where needs to be drilled as described in Step 2.
- Place the upright over the holes and fix to the floor.
- Place the horizontal tubes into the top and middle fittings and fully tighten the grub screws to complete this section.
- Repeat these steps if you wish to add more sections.

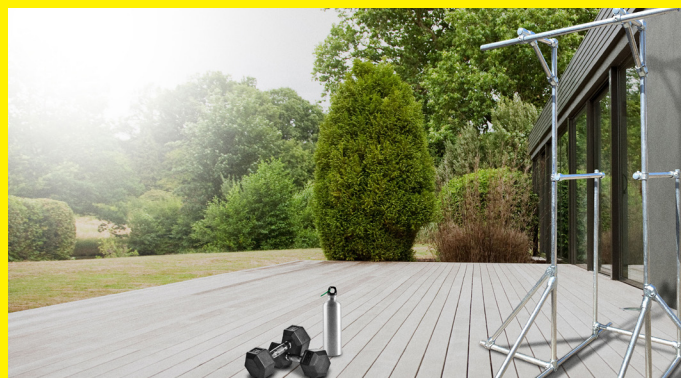
Please note: We recommend a handrail finish 1100mm high and have an upright post every 1.5m.

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