

# Get up to 70% installed cost savings...

**NEW  
CUTTER  
WHEEL**  
See back page



*Cut the tube  
square*



*Deburr the tube  
ends*



*Mark socket  
depth*



*Push fitting onto tube  
with turning action*

## 54mm joint

00:01:03

## Job done!

*Both ends completed*

Designed for use in conjunction with XPress carbon steel System tube, the non-demountable Tectite Advance System is five times quicker to install than a traditional screwed steel installation. With installed cost savings of up to 70%, borne out in an independent industry report, Tectite Advance can help to deliver projects on time and within budget.

### Features

- Available in sizes from 15mm to 54mm
- Manufactured from galvanised carbon steel
- Provides electrical continuity
- Can be used with XPress carbon steel System tube and plastic coated XPress tube
- Light weight and easy to fit
- Designed for use with unvented closed circuit heating and chilled water services (closed loop)



### Guarantees

Tectite Advance fittings are guaranteed for 5 years against manufacturing defects.

When used in a System exclusively with our XPress Carbon steel System tube, a guarantee of 10 years applies.

To qualify for these guarantees, products must be installed in accordance with our instructions on specified applications.

### Installation instructions

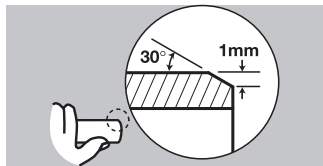
To ensure Tectite Advance fittings stay clean and free from damage, only remove the fitting from its packaging immediately prior to installation.

#### Preliminaries

Select the right size of tube and fitting. Ensure both are clean and free from damage, scores and imperfections, and that the "O" ring and grab ring are clean and intact within the fitting. Do not use any additional lubricant or sealing compounds.

#### Preparation

1. Cut the tube square using a Rems Cento cutting tool and the TA155 Carbon cutter wheel (76250). This will leave you with a 1mm chamfer on the outside of the tube as indicated in the diagram.



If using a manual rotary tube cutter on sizes 15-22mm you will need chamfer the tube end using a TA145 external chamfer bit.

2. When using plastic coated Carbon steel tube, the coating must be removed to the socket depth of the fitting using the S115 stripping tool from the XPress accessories range. Select the correct sized tool, fully insert the tube and twist the tool until the excess of plastic is completely detached.

4. Mark the socket depth using a marker/pencil and the T117 depth gauge or with a ruler to the correct depth (see table).



Socket depths	
Size	Socket depth
15mm	18mm
18mm	18mm
22mm	18mm
28mm	20mm
35mm	31mm
42mm	32mm
54mm	37mm

6. Hold the tube inline with the fitting socket and push the tube firmly with a slight twisting action until it reaches the tube stop with a positive "click".



7. Ensure the depth insertion mark corresponds with the mouth of the fitting, then pull firmly on the tube to ensure the fitting is secure.



#### Joining

5. Inspect the fitting ensuring that the grab rings/'O'-rings have not been contaminated with grit or debris. Insert the tube/pipe into the mouth of the fitting to rest against the grab ring.



**NOTE:** Tectite Advance fittings must not be used with male ended fittings or valves from other Tectite or Pegler Yorkshire ranges (Except T526S). Other third party male-ended products shall NOT be used with Tectite Advance. Do not use Tectite Advance on gas services. Tectite Advance Fittings are non-demountable.



3. Remove any burrs or sharp edges from the external and internal tube end using an S120 deburring tool, wipe clean the tube end to remove all swarf and debris.







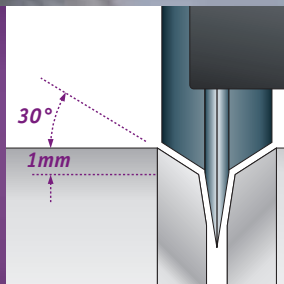
The galvanised carbon steel push-fit system

Get the perfect chamfer finish with the new TA155 cutter wheel!



Good tube preparation is the most critical aspect of installing both push-fit and press-fit systems. To make preparation easier Pegler Yorkshire has developed the TA155, a new cutter wheel specifically designed for cutting/chamfering carbon steel tube with a Rems Cento tool.

The TA155 provides the perfect chamfer for protecting the "O"Ring on tube insertion, ensuring a sound joint is made.



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