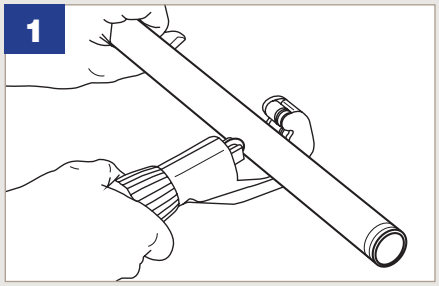
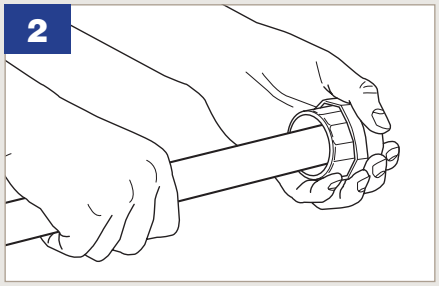
Conex | Bänninger

# >B< Press

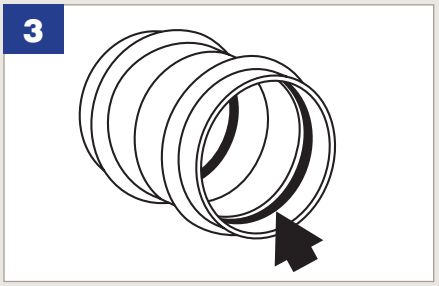
## **Installation Instructions** – Conex >B< Press with copper tube to AS1432 type A and B. DN15 - DN50



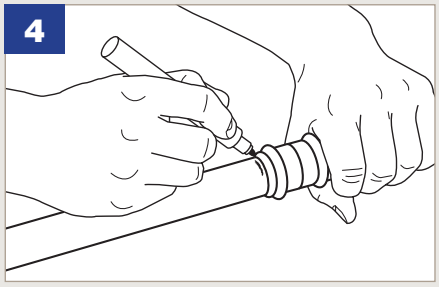

**Cut the tube**



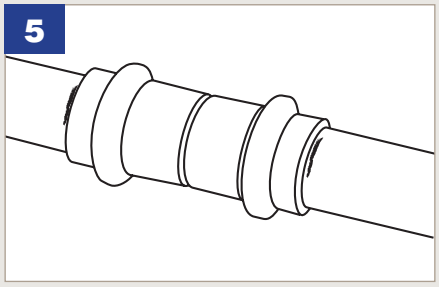

**Remove burrs**



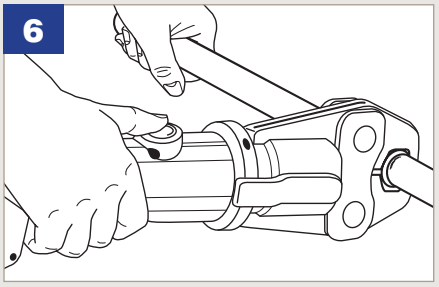

**Ensure the O-ring is seated and lubricated**




**Mark insertion depth**




**Ensure tube is inserted up to the tube stop**




**Complete the joint with the compression tool**

### 1 Cut the tube

We recommend you use a Rothenberger tube cutter. It is important to ensure that the tube is cut completely square. Tube ends should be clean and free from scratches not less than the socket length.

### 2 Remove burrs

Make sure that the internal and external tube end are free from burrs or sharp edges by using a deburring tool. Then wipe the tube end clean to avoid damaging the O-ring on tube insertion.

### 3 Ensure the O-ring is seated and lubricated

Before inserting the copper tube ensure that the O-ring is seated correctly, free from damage and lubricated. If not lubricated a small amount of water can be used to provide lubrication.

### 4 Mark insertion depth

The tube must be fully inserted into the fitting until it reaches the tube stop in order to make a perfect joint. Marking insertion depth will ensure that any tube movement is detected, which is especially important if the joints are to be pressed at a later time.

NOTE: As repair couplings do not have a tube stop, both ends of the tube must meet in the middle of the fitting.

| Tube Size | Socket Depth |
|---|---|
| DN15 | 17 mm |
| DN18 | 22 mm |
| DN20 | 22 mm |
| DN25 | 23 mm |
| DN32 | 25 mm |
| DN40 | 31 mm |
| DN50 | 39 mm |

### 5 Ensure tube is inserted up to the tube stop

To assemble the joint, the tube must be inserted into the fitting up to the tube stop. (Use the mark on the tube which was made earlier as reference). The pressing operation should only be undertaken when the tube reaches the tube stop.

### 6 Complete the joint with the compression tool

Ensure that the correct size jaw for the fitting is inserted into the tool. The jaws must be placed square on the fitting. Depress the trigger/button to begin the compression cycle of the tool. This is complete when the mouth of the fitting is fully enclosed by the jaws.

NOTE: >B< Press joint is complete after one complete compression cycle of the tool.
Do not crimp any >B< Press fitting more than once.

**Important**
It is important to keep the fitting free of any dust or dirt and to ensure the O-ring stays lubricated and protected from damage. Select the correct size of tube and fitting for the job. Ensure that both are clean and free from damage and imperfections.