

Tech Note 5: Offset Pressing Method

TN.05

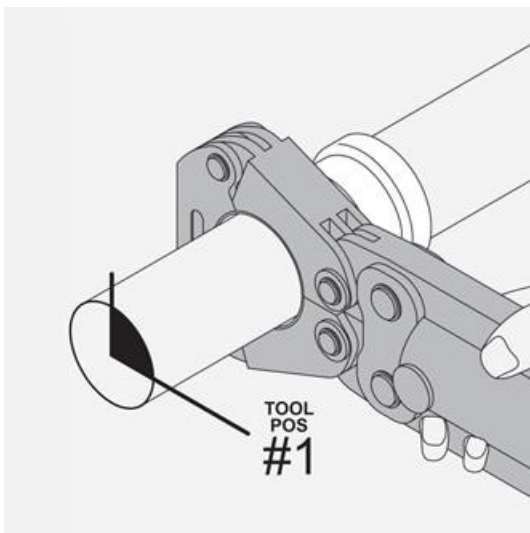
AusPress fittings are easily installed using an approved press tool however, pressing the fittings from the same direction each press may cause a straight pipe run to deviate slightly from a true centreline.

As the press tool exerts up to 3.2t of pressure during the press, the friction between the fitting and the tube can occur at different points, resulting in the tube pulling slightly out of alignment. This deviation is more prevalent in the larger diameters, eg DN65 and larger.

Best Practice:

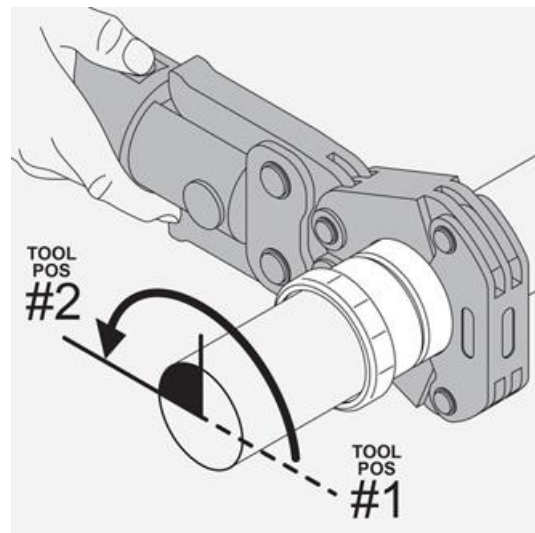
To avoid deviation, approaching the second press from a different side to the first press before will reduce the effect and the frequency. The process below is illustrated using the same fitting.

Remember to lubricate the press zone to ensure the press surface of the tool and fitting is clean and smooth during the press process.



Press #1

In the image above, the fitting is first pressed from the 3 o'clock position.



Press #2

In the image above, the fitting is second pressed from the 9 o'clock position, opposite to the first press position.