

## Plug-in joint

### 5.2.3. Plug-in joint



Illustration 5.26

A plug-in joint is an easy to make, detachable and not pull-tight jointing method.

Jointing process:

#### Cut pipe square and remove burr

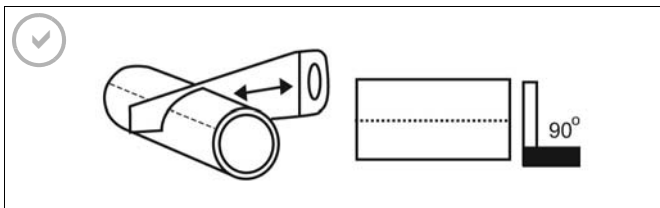
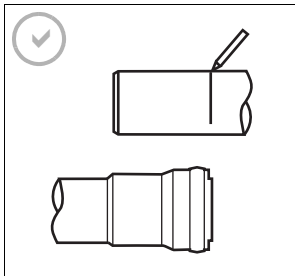


Illustration 5.27

#### Mark insertion depth

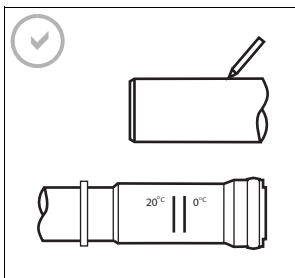


*Plug-in socket:*

The pipe needs to be inserted in the plug-in socket using the full insertion depth.

A plug-in joint is not to be used to accommodate the expansion and contraction of a pipe system.

Illustration 5.28



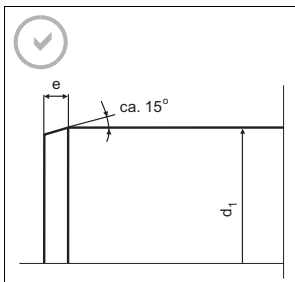
*Expansion socket:*

A snap-expansion socket is used to accommodate the expansion and contraction in a pipe system.

The insertion depth is marked on the socket for both ambient temperatures of 0°C and 20°C. For detailed information see also paragraph 7.2.

Illustration 5.29

#### Chamfer pipe end



The pipe-end needs to be chamfered under an angle of 15°. A chamfering tool should be used to get an even cut and chamfer.

Illustration 5.30

#### Make joint

Lubricate the pipe end and insert the pipe up to the marked insertion depth.