

# Smart PUSH

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**Complete connection system for:**

- plastic pipes - PERT-Al-PERT, PEX-Al-PEX and PERT-EVOH in 16, 20 and 25mm diameters
- copper pipes in 15mm diameter

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## Overview

- In the Tweetop Smart PUSH system, the connection between the pipe and the fitting is obtained by pushing. The pipe should be pushed into the fitting until it reaches the mark left on the pipe's outer wall by the system calibrator - reamer or made with a marker. For plastic pipes, it should be remembered, to insert the factory-fitted stiffening sleeve into the chamfered end of the pipe. The sleeve should be fully inserted into the pipe, as it increases the strength of the connection and reduces the possibility of leaks caused by lateral loads. For copper pipes, it should be remembered, to properly calibrate and deburr the pipe before making the connection. More details can be found in the Fitters Guide.
- Smart PUSH fittings may be used only in visible locations - connections located under the plaster or in the screed are prohibited.
- Full anti-diffusion barrier.
- Possibility of 20-fold connection and disconnection.
- Fittings for plastic pipes are available in 16, 20 and 25mm diameters as system couplings (straight couplings, tees, elbows, reducers) and threaded transition fittings.
- Fittings for copper pipes are available in 15 mm diameter as system couplings (straight couplings, tees, elbows, reducers) and threaded transition fittings.

## Area of application

- radiator heating
- tap water (hot & cold)

## Construction

1. Main body - Brass (type CW617)
2. Sealing ring: Nylon
3. Clamping ring: Stainless steel (type 316)
4. Pressure ring: Plastic
5. Outer ring: Plastic
6. O-ring gasket: EPDM
7. Stiffening sleeve: Plastic (only for fittings dedicated to plastic pipes, fittings for copper pipes don't have this component)

## Materials

- Main body - pressed brass type CW617, other components according to the diagram below - full anti-diffusion barrier
- O-ring gasket: EPDM

