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## 3.1 HENCO Vision push fittings

### Composition

The construction of the push fitting shows that Henco Vision is the result of sophisticated product development. All of its components have been made with the greatest precision and are manufactured from the best materials.

Henco Vision push fittings are made from PVDF. This is the same material used in the synthetic press fittings. PVDF is a high-quality synthetic material with a unique range of properties:

- ▶ Extremely resistant to pressure and temperature
- ▶ Outstanding mechanical strength
- ▶ Enormous flexibility: can bend up to 10° at 95°C
- ▶ Perfectly suitable for drinking water and foods

Henco Vision push fittings can be used for both sanitary and heating applications.

### Ease of use - fast assembly

The Henco push fitting guarantees an extremely fast and reliable connection.

All you need to make a perfect connection is a pipe cutter and a calibrator. Pressing tools are not required.

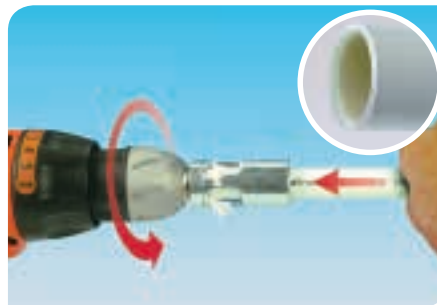
You only need to follow three steps for a fast and reliable connection, in combination with the Henco PE-Xc/AL/PE-Xc multilayer pipe.

#### 1 CUT



Always cut the pipe squarely at 90°.

#### 2 CALIBRATE



Use the Henco kalispeed for centring the pipe and deburring the inner and outer edges of the pipe.

#### 3 INSTALL



Remove the black protective cap and insert the tube into the fitting until you can see the colour of the pipe through the inspection windows.

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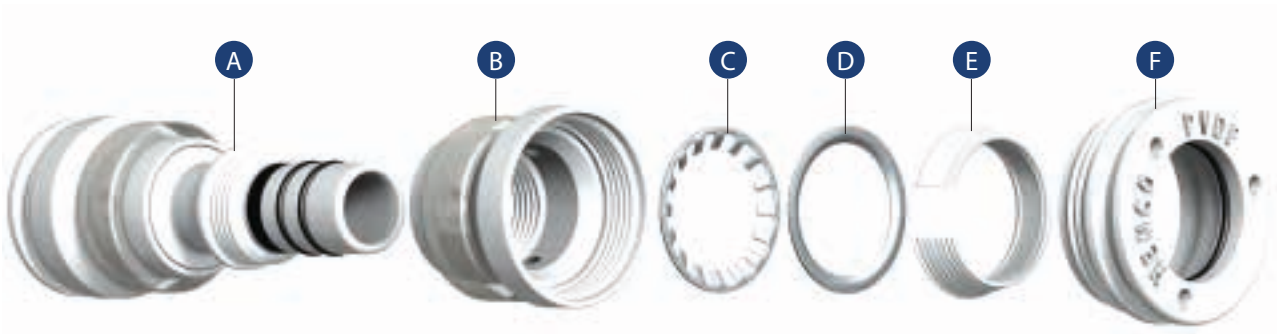
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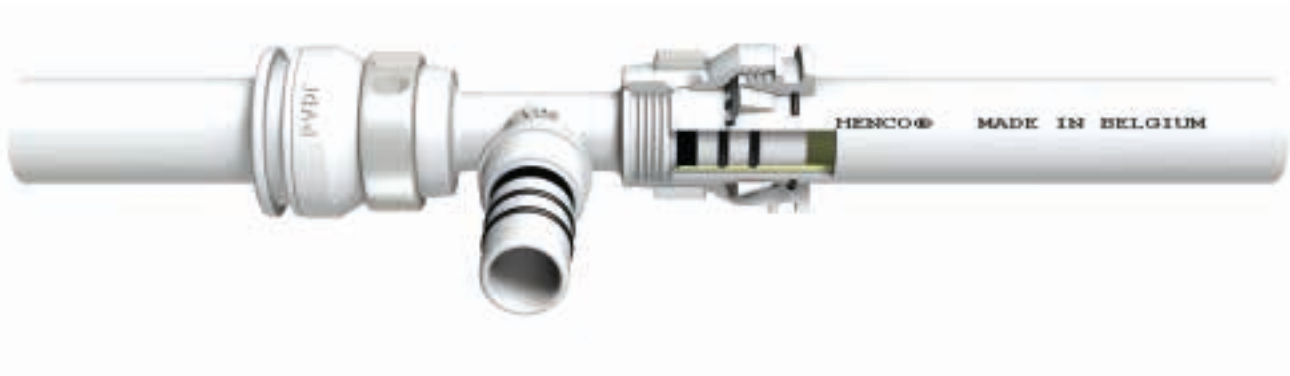
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### 3 HENCO VISION

#### Composition of HENCO Vision Push Fitting



- A** PVDF body with 2 EPDM O-rings
- B** PVDF sleeve with inspection windows and transparent synthetic ring
- C** Stainless-steel grip ring
- D** Stainless-steel support ring
- E** Conical PVDF locking ring
- F** PVDF screw nut with an EPDM O-ring and three disassembly notches





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### The HENCO press fitting is reliable:



#### No dirt in the fitting

A protective cap prevents dirt from entering the fitting during transportation, storage and on the job.



#### Transparent sealing ring

This synthetic ring prevents any type of contamination from entering the push fittings. When installing push fittings in concrete or embedding into a screed floor, you should avoid the penetration of cement water and chemicals at all costs. This synthetic ring means that the RVS grip ring and the RVS support ring can never become contaminated. The seal remains guaranteed.



#### Internal O-rings

The two internal O-rings guarantee that the medium is sealed.



#### External O-ring

The external O-ring prevents dirt or chemicals along the pipe. The RVS grip ring and the RVS support ring are protected against external influences.

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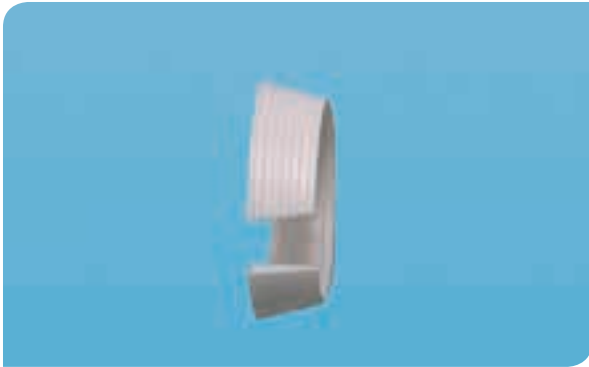
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#### Conical PVDF ring

This ring, together with the RVS grip ring and the RVS support ring enable the pipe to be pulled from the fitting.



#### 4 Inspection windows

The 4 inspection windows allow you to visually confirm that the pipe has been inserted sufficiently.

### Advantages

- ▶ Fast installation.
- ▶ Pressing tool is not required.
- ▶ Allows installation in hard to reach places.
- ▶ Sealing of the medium within the tube.
- ▶ Does not require any additional protective measures permitted in (construction) concrete.
- ▶ A range of sizes, 16, 20 and 26 mm.



### Pipestop 16 - 20 - 26 mm



Henco PE-Xc/Al/PE-Xc multilayer pipes can also be separately sealed after calibration using the SK-PIPESTOP.

### Reusable pipestop 16 - 20 - 26 mm



Henco Vision fittings can be temporarily sealed using the SK-STOPCLIP.

The safety clip secures the reusable pipestop.



Please refer to our product overview for more product configurations.

## 3.2 HENCO Vision manifolds

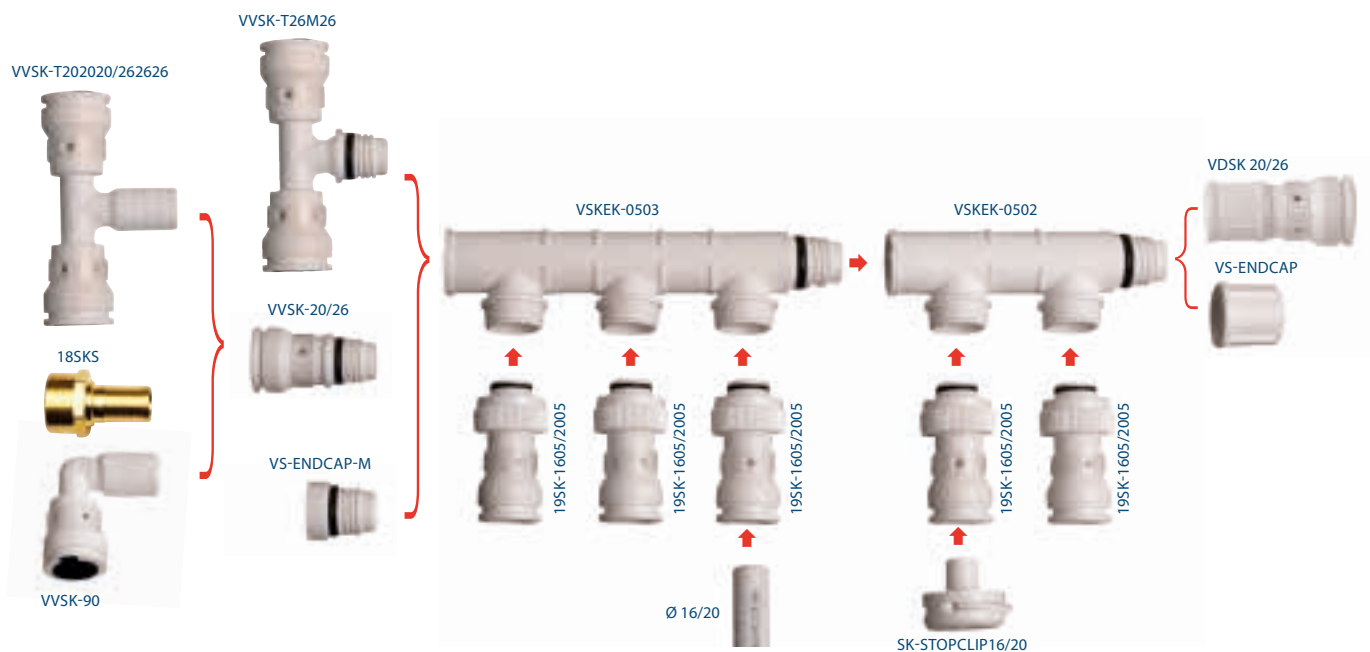
### General

Henco Vision synthetic manifolds (PVDF) have the same properties and ranges of use as Henco Vision synthetic push fittings. The compact dimensions (connections with centre-to-centre distance of 50 mm) of the manifold allow it

to be installed in small areas (for instance under a bathtub). Henco Vision manifolds offer an economical alternative if you need to use several T-pieces in a small space.

### Modular

Henco Vision manifolds are modular and this means that they offer an appropriate solutions in many situations.



### Manifold block

There are available in 2 versions:

- ▶ 2- connections
- ▶ 3- connections

Several groups can be put together. Using the special Henco threaded connection, the manifolds blocks in each group assembly can be connected to each other.

The seal is provided by a pre-assembled O-ring.

A stop ensures that the underlying manifolds blocks below are positioned in line. It is important that the manifold blocks are mounted onto the stop, so that the O-ring seal is guaranteed.

Since separate manifold blocks can be connected, every type of group assembly can be created.



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### Supply (VVSK)

The supply to the Henco Vision manifold is available in diameters of 20 and 26.

The supply T-piece (VVSK-T26M26) for the Henco vision manifolds enables an even more compact arrangement. These fittings are screwed into the body of the manifold. The fittings are provided with a stop which prevents them from being turned too far.

The 16 mm (19SK-1605) connection can also be used for the supply connection. The manifold block is sealed with a screw stop (VS-ENDCAP-M) and one of the groups is provided with a 16 mm screw-on Henco Vision push fitting (19SK-1605).

### Extension (VDSK)

The extension fitting for the Henco Vision manifold is available in diameters of 20 and 26.

These fittings are screwed into the body of the manifold. The fittings are provided with a stop which prevents them from being turned too far.

If you do not require an extension, the body of the manifold can be fitted with an endcap on the extension side. (VS-ENDCAP).



VVSK



VS-ENDCAP-M



VDSK



VS-ENDCAP



VVSK-T



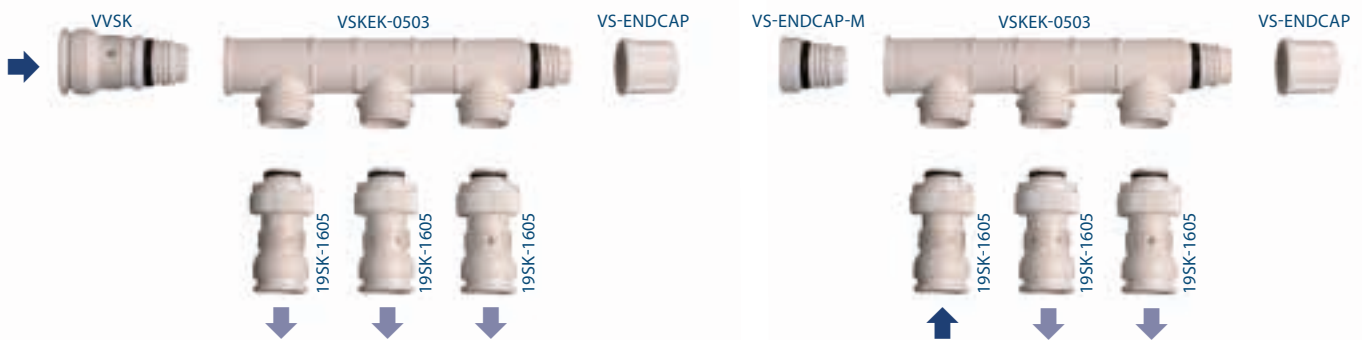
VVSK-90



VVSK-TM

### Supply 20/26

### Supply 16







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#### Various supply and extension (SKS) connectors

The supply and extension of the Henco Vision manifolds are provided with straight male (17SKS) and female (18SKS) threaded adapters.

These straight adapters are made from brass and

are available in diameters of 20 and 26 diameters. Both diameters are available with a 1/2 or 3/4 connector.

Combinations with Henco Vision push fittings are only available with 20 and 26 diameters.



17SKS



18SKS

#### Various connections to the manifold block

Below is a summary of the possible connections to the Henco Vision manifold block.

- ▶ Henco Vision type 19SK push fitting in diameters 16 and 20.



- ▶ Henco type 33P brass press fitting in diameter 16



- ▶ Henco PVDF type 19PK press fitting in diameters 16 and 20.



- ▶ Henco type VB-EK brass ball valve



- ▶ Henco type 19P brass press fitting in diameters 16, 18 and 20.

