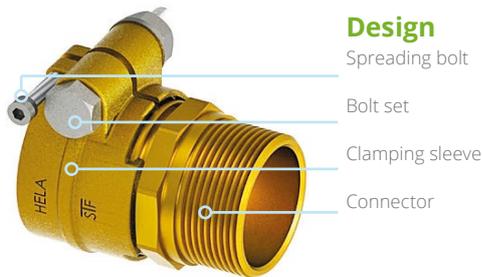# Compression Fitting Hela

Mechanical fitting system for Flexalen® PB service pipes

Design

Spreading bolt

Bolt set

Clamping sleeve

Connector

Required Tools

Screw wrench and/or adjustable spanner wrench

Allen key set

Cleaner

Tissues

Application Instruction

Application conditions and pipe preparation

- Ambient temperature: +5 to +40°C
- Service pipe is cut straight and without damage
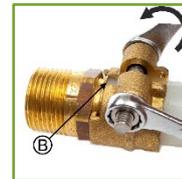- Service pipe is free from dirt and condensation

01.
Open the clamping sleeve by using the spreading bolt with an Allen key. Place clamping sleeve on the medium pipe.

02.
Insert the connector into the medium pipe.

03.
Place the clamping sleeve in such a way that the tabs (A) align with the groove on the body.

04.
Start tightening. Tighten periodically and allow the pipe to modify. Ensure that the pipe always stays in the bottom (B).

05.
Tighten the bolt until the clamping sleeve is closed. For fittings > 63mm a gap of 3-7mm is allowed. Retighten the bolts after 30min.

06.
Inspection (after 30 min):

a) If the service pipe is still in place and there is no gap (fittings ≤63mm) or gap of max 7mm (fittings >63mm) the fitting is placed correctly.

b) If there is a gap (fittings ≤63mm) or gap >7mm (fittings >63mm) let the compression fitting "rest" for 24 hours. Retighten the bolt again after 24 hours.

07.
Start pressure testing according DIN:1988-2.

Note: Check and retighten compressing fitting again before insulating.

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