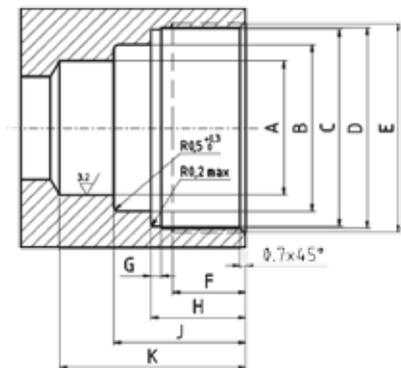


EASY FIT

DIRECT TO PORT CONCEPT

The male threadless termination can be connected directly to the port, by means of pre-installed cartridge, with a simple axial pushing action of the fitting into the port.



FEMALE PORT DESIGN

| SIZE | DIMENSIONS (MM) | | | | | RECOMMENDED TORQUE |
|------|-----------------|-------------|--------------|------------|-----------|--------------------|
| | A | B | C | D | E | |
| -04 | 10.03 + 0.08 | 12.75 + 0.1 | 16.55 + 0.07 | 17.0 + 0.1 | M18 x 1 | 23 - 35 Nm |
| -06 | 13.03 + 0.08 | 16.9 + 0.2 | 20.55 + 0.07 | 21.0 + 0.1 | M22 x 1 | 30 - 40 Nm |
| -08 | 16.03 + 0.08 | 19.9 + 0.2 | 23.55 + 0.07 | 24.0 + 0.1 | M25 x 1 | 40 - 50 Nm |
| -12 | 23.03 + 0.08 | 27.9 + 0.2 | 31.05 + 0.07 | 31.5 + 0.1 | M33 x 1.5 | 70 - 80 Nm |

| SIZE | DIMENSIONS (MM) | | | | | RECOMMENDED TORQUE |
|------|-----------------|------------|-------------|-------------|--------------|--------------------|
| | F | G | H | J | K | |
| -04 | 8.5 + 1 | 1.1 - 0.1 | 10.35 + 0.1 | 14.15 + 0.2 | 19.56 + 0.15 | 23 - 35 Nm |
| -06 | 8.7 + 1 | 1.15 - 0.1 | 11.1 + 0.1 | 15.5 + 0.2 | 21.95 + 0.15 | 30 - 40 Nm |
| -08 | 8.7 + 1 | 1.25 - 0.1 | 11.3 + 0.1 | 15.7 + 0.2 | 22.15 + 0.15 | 40 - 50 Nm |
| -12 | 11.5 + 1 | 1.7 - 0.1 | 16.5 + 0.1 | 21.4 + 0.2 | 31.35 + 0.15 | 70 - 80 Nm |

ASSEMBLING INSTRUCTIONS

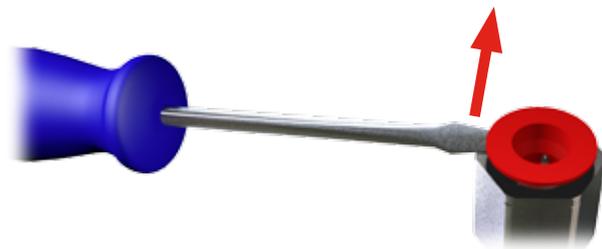
ASSEMBLING PROCEDURE

1



Fit the safety clip into the dedicated groove on the male fitting.

2



Use a flat-headed screwdriver, or similar tool, to remove the protective cap on the cartridge.

3



Connect the fitting by pushing it into the cartridge.

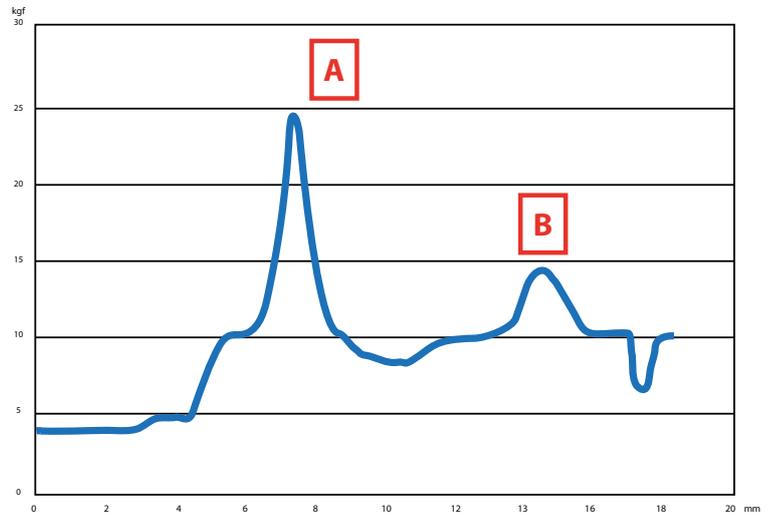
The fitting is correctly locked and connected when the safety clip touches the cartridge.

ASSEMBLING INSTRUCTIONS

When inserting the male fitting into the cartridge, the axial force required to ensure correct and secure assembly will vary throughout the insertion process (see graph opposite). In particular there will be a two points where the amount of force required will be noticeably higher.

The first peak (A), occurs when the internal collars of the cartridge are opening; For a -08 fitting this would typically be around 20 kgf.

The second peak (B), occurs when the plastic retaining ring is being inserted into the cartridge. This peak is significantly lower than the first.



DISASSEMBLING INSTRUCTIONS

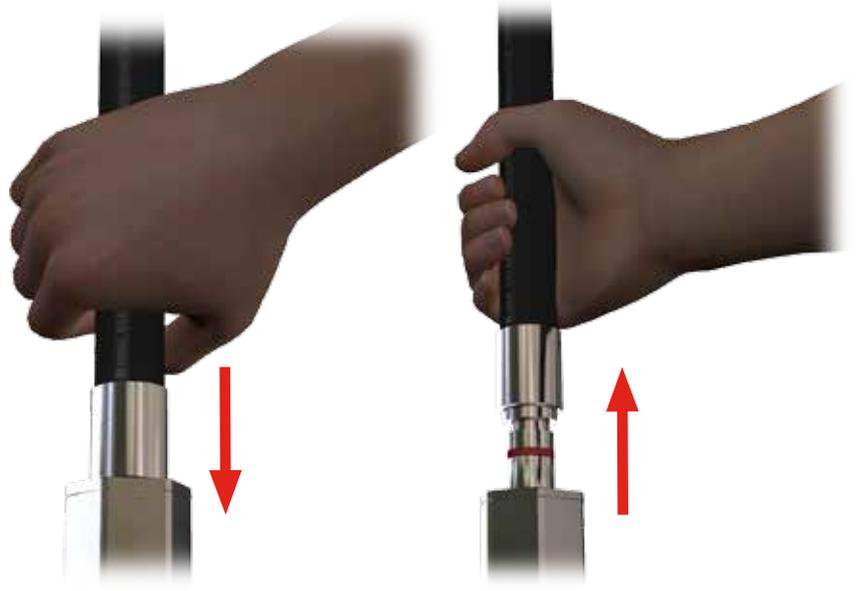
DISASSEMBLING PROCEDURE



Before disconnection, ensure the system is not under pressure



- 1 Use a flat-headed screwdriver, or similar tool, to remove the safety clip.



- 2 Push the fitting in until the collar touches the cartridge, then pull out to complete the disconnection process.

EASY FIT

DISASSEMBLING INSTRUCTIONS

The maximum axial force required to separate the components (after the initial "push") is approximately 10 kgf for a -08 fitting - see graph opposite.

The peak (C) represents the force required to open the internal retaining ring to allow the withdrawal of the male fitting.

