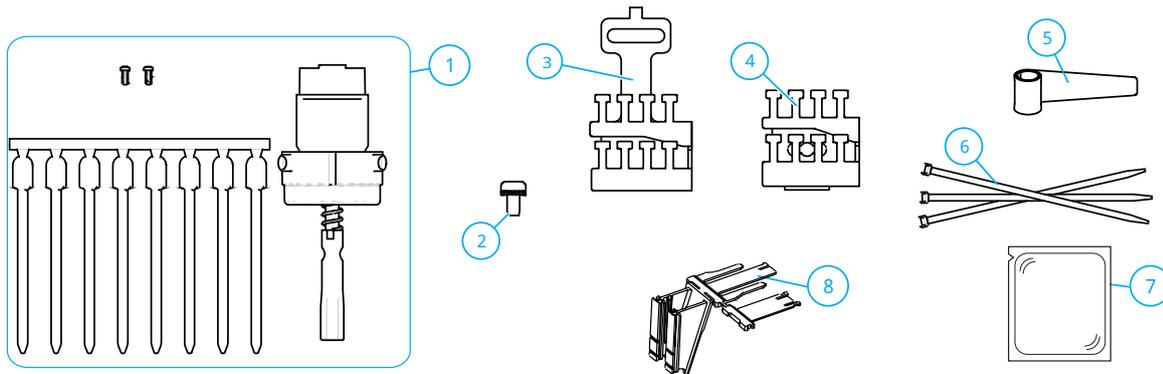


FIST RSKG 8

1 About this manual

This kit is used to install 8 drop cables of 3 to 5 mm diameter in a new unused round port of the FIST-GCO2-BX6 and BX8, the FIST-GC02-FX and the FIST-EDSA2.

2 Kit contents



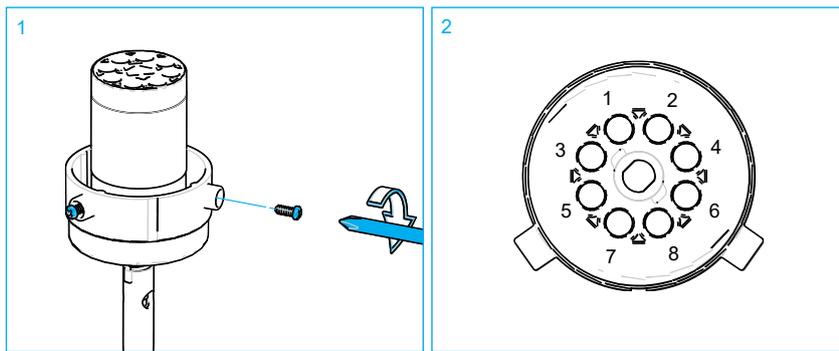
Kit contents may differ depending on the order.

| N° | Part description | Qty FX | Qty BX6 | Qty BX8 | Qty EDSA2 |
|----|---|--------|---------|---------|-----------|
| 1 | FIST GCO2 RSKG-8 with securing screws and blind plugs | 1 | 1 | 1 | 1 |
| 2 | Bolt with star washer | 1 | 1 | 1 | 1 |
| 3 | Cable term GC02 brkt 8 OUT | - | 1 | - | - |
| 4 | Cable term GC02-FX brkt 8 OUT | 1 | - | 1 | 1 |
| 5 | Felt tape | 1 | 1 | 1 | 1 |
| 6 | Cable ties bundle | 1 | 1 | 1 | 1 |
| 7 | Lubrication oil | 1 | 1 | 1 | 1 |
| 8 | Tube holder extension module | 1 | 1 | 1 | 1 |

3 Cable diameter range gel seals

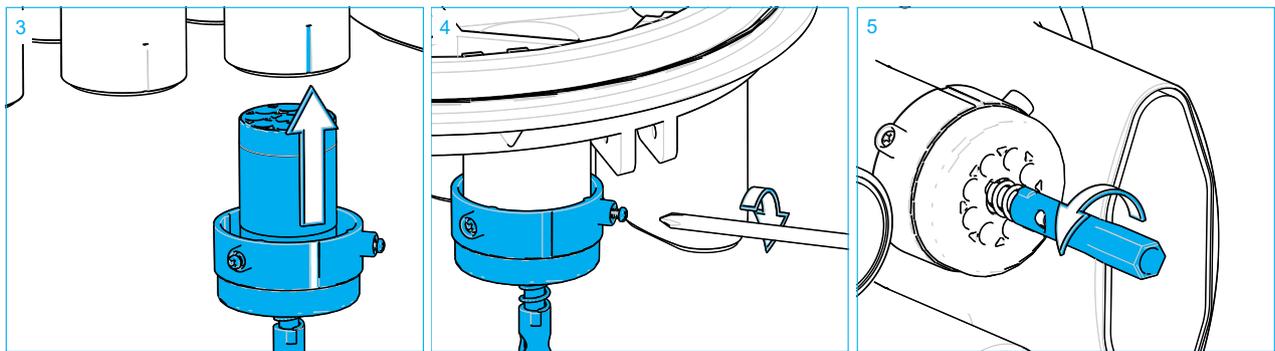
| Number of ports | Cable diameter range (mm) | Number of ports | Cable diameter range (mm) |
|-----------------|---------------------------|-----------------|---|
| 1 | 11 - 14 | 8 | 3 - 5 |
| 2 | 8 - 11 | 16 | 0 - 2.4 (up to 3 depending on the kit contents) |
| 3 | 6.5 - 8 | FOSC OSKG | 6 - 15 |
| 4 | 4 - 7 | FIST OSKG | 5 - 18 |
| 4 FLAT | 8 x 4,5 - 11 x 6,5 | FIST OSKG 20 | 16 - 20 |

4 Install gel seal



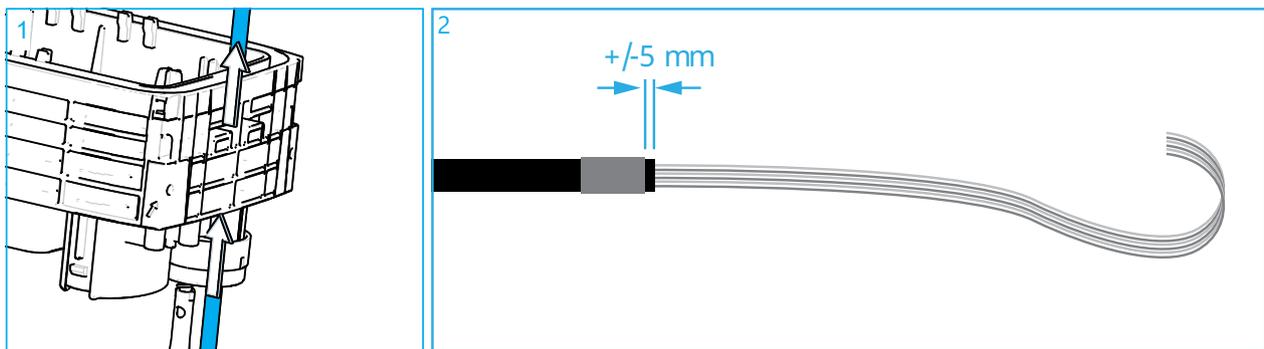
- 1 Before installing the gel seal in the port, install the 2 securing screws.
- 2 The first cable must be installed in the port position number 1. The next cable must follow the numbering.

 **Note:** The lubrication oil in the kit makes it easier to install gel seal in the closure ports.



- 3 Open the port. The cutting wire can be used. Make sure that the edges are free of burrs. Install the seal in the port, mark line always facing forward. The mark line on the gel seal should match with the mark line on the FIST-GCO2 drop port. (The mark at the FIST-GCO2- FX/EDSA2 should be hidden when the seal is installed).
- 4 Tighten the 2 screws and make sure they grip in the port.
- 5 Make sure the seal is decompressed before installing a cable.

5 Prepare cable



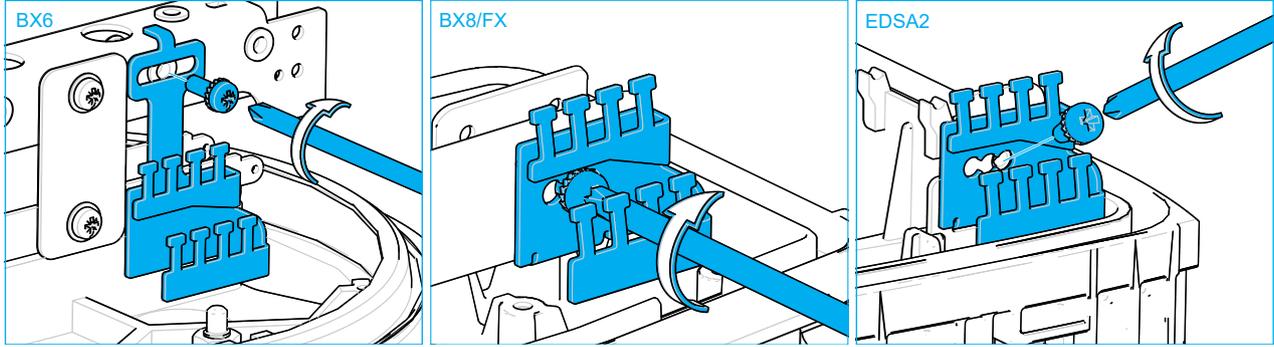
- 1 Feed the cable through the port. Cutting the cable edge under 45° will help to feed the cables through the RSKG seal. Prepare as per standard practice.

 **Note:** The lubrication oil in the kit makes it easier to guide cables through ports in the gel seal.

- 2 Apply felt tape at +/- 5 mm from the cable jacket end, make sure the cable jacket is clean and oil free.

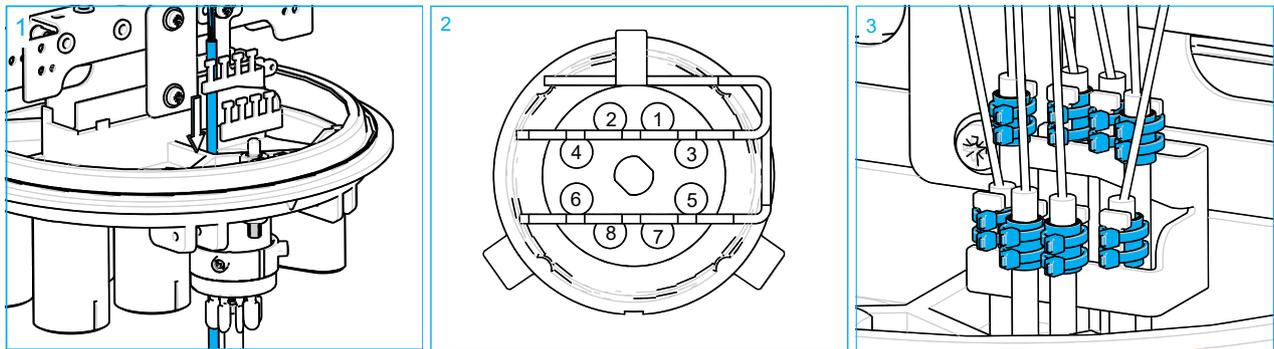
6 Install cable

6.1 Install bracket



- 1 BX6: Install the bracket as shown. Make sure it is positioned at the center of the port.
- 2 BX8/FX: Secure the metal bracket to the frame. Make sure it is positioned at the center of the port.
- 3 EDSA2: Secure the metal bracket to the frame. Make sure to select **the right hand** side hole in the bracket.

6.2 Install cable

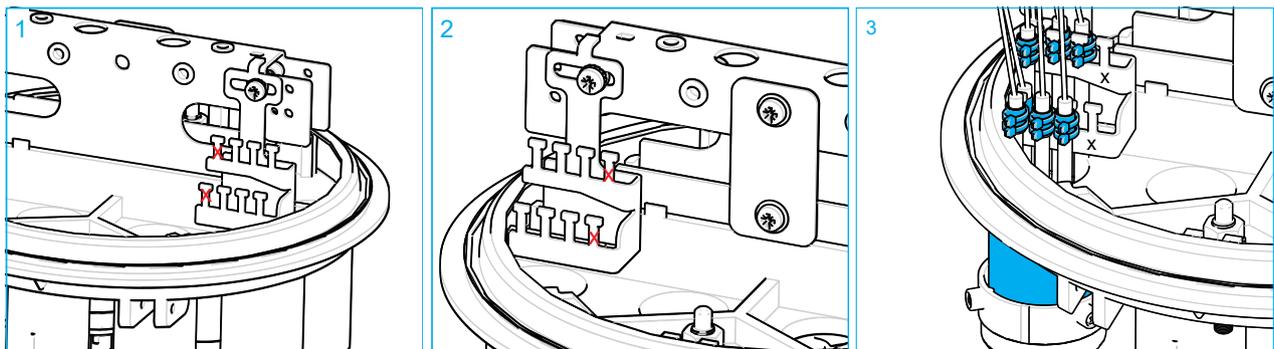


- 1 Pull back the cable.
- 2 Guide the cables to the metal bracket as shown on the picture. Cables 1 and 2 at the back of securing leg 1, cables 3 and 4 at the front. Cables 5 and 6 at the back of securing leg 2, cables 7 and 8 at the front.
- 3 Secure each cable with 2 cable ties to a T-shape. Route the loose tubes to the organizer as per standard practice.

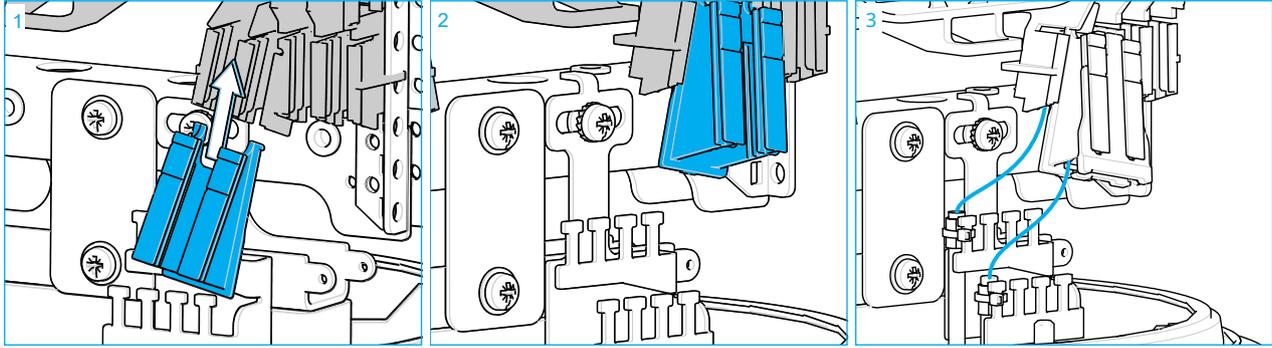
 **Note:** For BX8/FX closures: Start with closure ports 3 and 8.

 **Note:** For EDSA2 it is recommended to divide the fibers that are coming from the round port in separate slots in the tube holders.

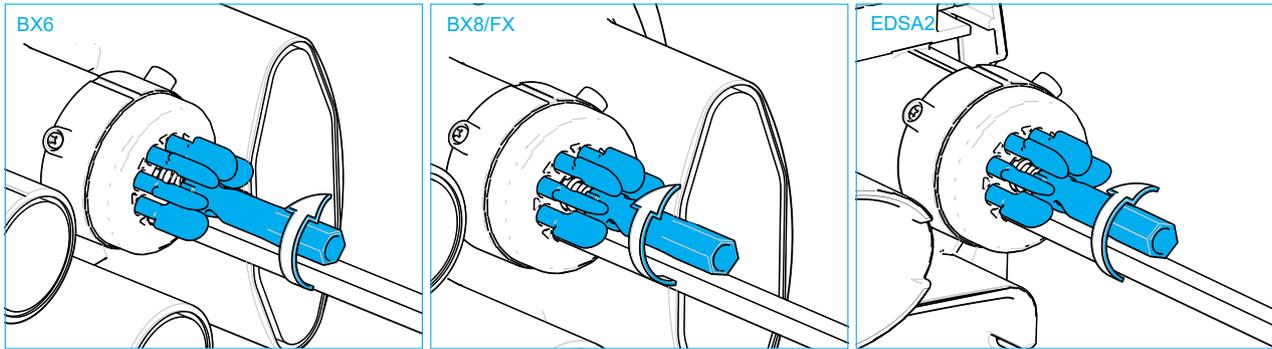
 **Note:** for BX6 closures: when using closure ports 7 and 8, do not use the marked positions in the picture 1 and 2 below. In this case, use 1 T-shape for 2 cables and make sure that the cables stay in line with the port of the gel seal.



Note: For BX8/FX/EDSA2 closures: if more capacity is required to enter the organizer or if the round port is not in line with the organizer, the tube holder extension module can be fitted onto the FAS block. This will result in a smoother routing of the fiber tubes to the organizer.



6.3 Activate seal mechanism



- 1 Use the blind plug(s) to fill up the unused hole(s) if all 8 cables are not installed on the same day. Engage the seal mechanism by tightening the 'nut' of the central bolt assembly until the spring is no longer visible and the 'nut' is flush with the gland body.
- 2 To add a cable: release the trigger, remove the blind plug, prepare a new cable and continue with one of the previous sections above depending on the closure type.

Note: Depending on outside conditions, some oil bleed-out may occur. This will not affect in any way the sealing performance.

7 OPTIONAL: Secure cable to the outside bracket

A cable securing frame is optional available for the FIST-GCO2-BX6, FIST-GC02-BX8 and the FIST-GC02-FX.