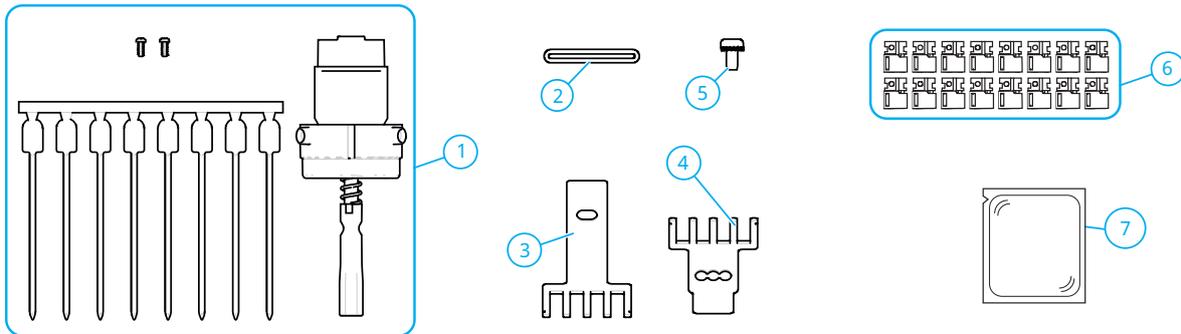


## FIST RSKG 16

### 1 About this manual

This kit is used to install 16 drop cables up to 2,4 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



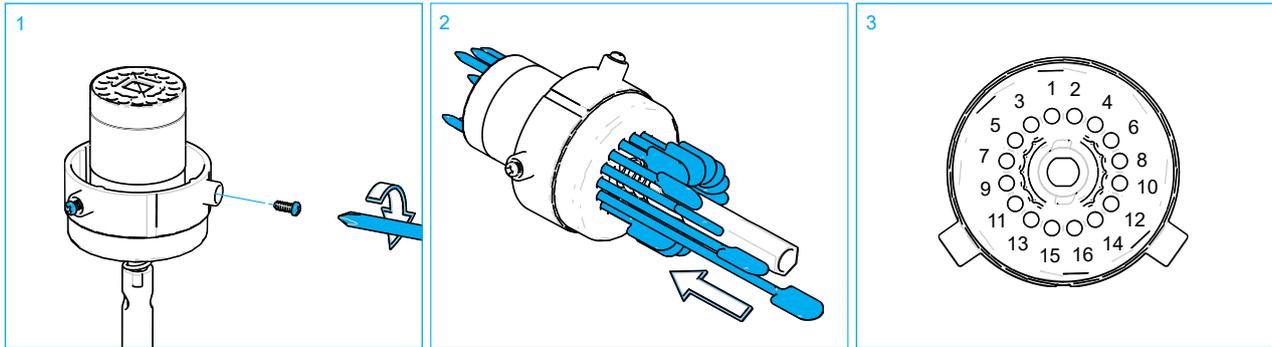
Kit contents may differ depending on the order.

N°	Description	Qty FX	Qty BX6	Qty BX8	Qty EDSA2
1	FIST GCO2 RSKG-16 with securing screws and blind plugs	1	1	1	1
2	O-ring	1	1	1	1
3	Cable term GC02 brkt 16 OUT	-	1	-	-
4	Cable term GC02-FX brkt 16 OUT	1	-	1	1
5	Bolt with star washer	1	1	1	1
6	Mini termination units	16	16	16	16
7	Lubrication oil	1	1	1	1

### 3 Cable diameter range gel seals

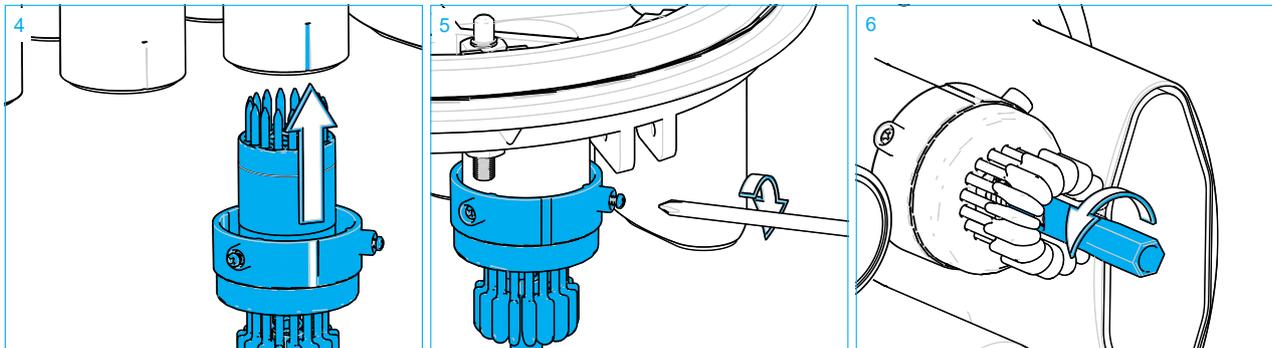
Number of ports	Cable diameter range (mm)	Number of ports	Cable diameter range (mm)
1	11 - 14	8	3 - 5
2	8 - 11	16	0 - 2.4 (up to 3 depending on the kit contents)
3	6.5 - 8	FOSC OSKG	6 - 15
4	4 - 7	FIST OSKG	5 - 18
4 FLAT	8 x 4,5 - 11 x 6,5	FIST OSKG 20	16 - 20

## 4 Install gel seal



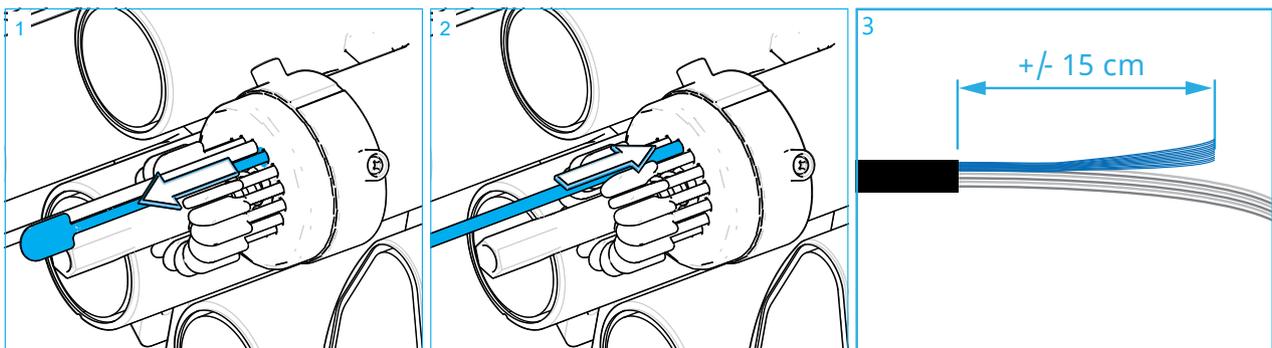
- 1 Before installing the gel seal in the port, install the 2 securing screws.
- 2 Before installing the gel seal in the port, install all blind plugs.
- 3 The first cable must be installed in the port position number 1. The next cable must follow the numbering.

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



- 4 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).
- 5 Tighten the 2 screws and make sure they grip in the port.
- 6 Make sure the seal is decompressed before installing a cable.

## 5 Prepare cable



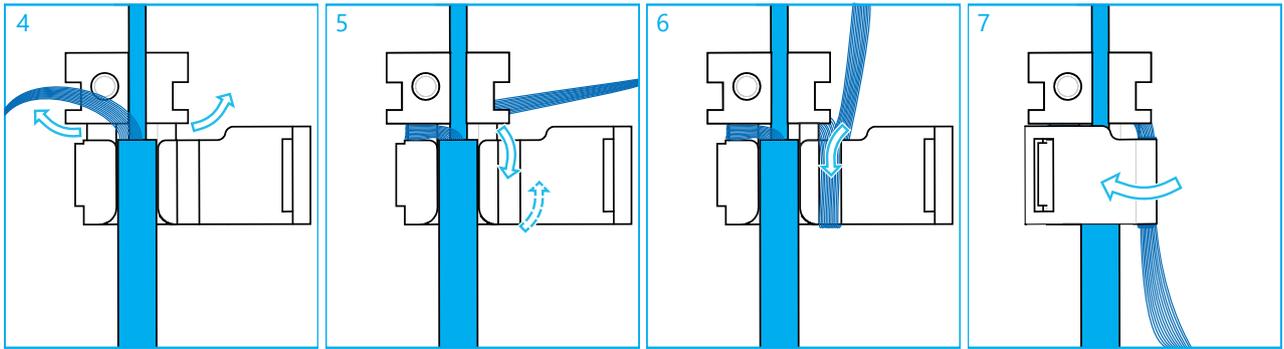
- 1 Remove the blind plug.
- 2 Feed the cable through the port. Cutting the cable edge under 45° will help to feed the cables through the RSKG seal. Prepare as per standard practice.

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

- 3 Leave around 15 cm of aramid yarn.

 **Note:** In order to have a good cable management, make sure all cables have the same length!

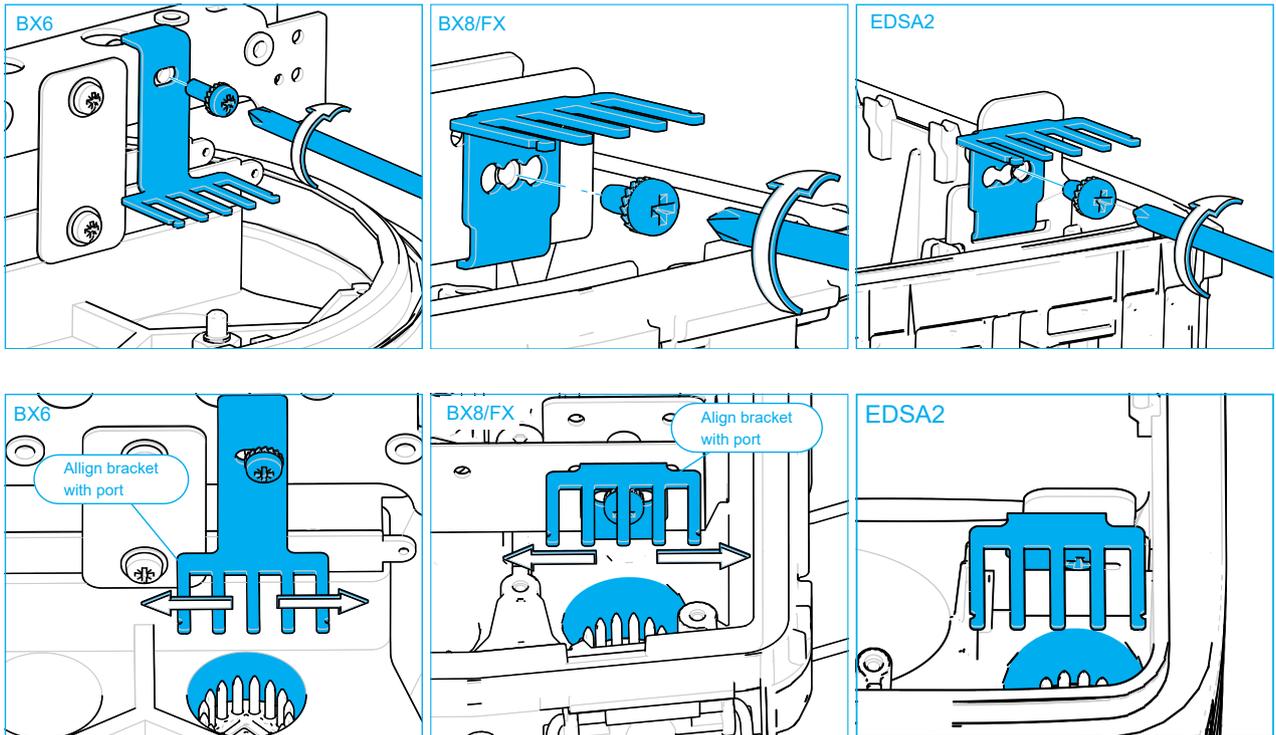
 **Note:** Maximum cable diameter to be used in mini termination unit is 2.4 mm.



- 4 Place the cable in the groove of the mini termination unit and route the aramid yarn through the left groove.
- 5 Then lead the aramid yarn behind the back over the hinging part to the front.
- 6 Wrap 1 x over the hinging part and bring back to the front.
- 7 Keep the aramid yarn under tension and close the hinging part. Make sure not to pull at the cable! **Cut away the remaining strands.**

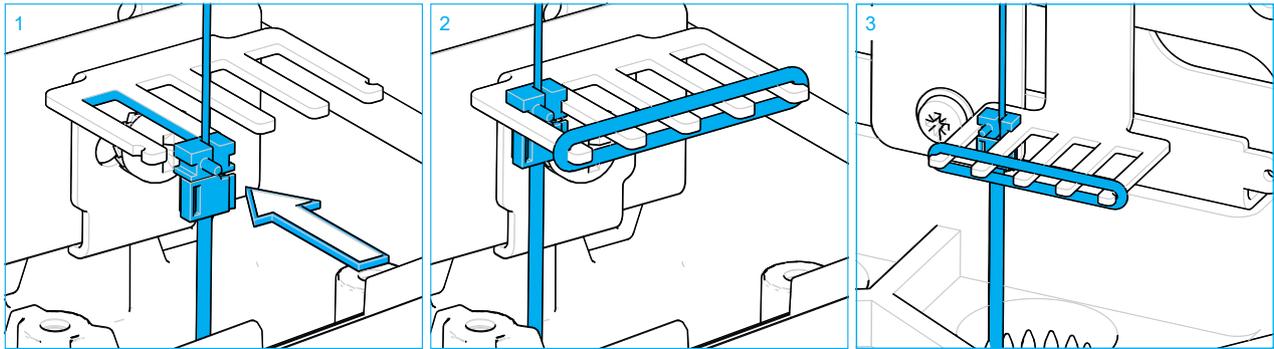
## 6 Install cable

### 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



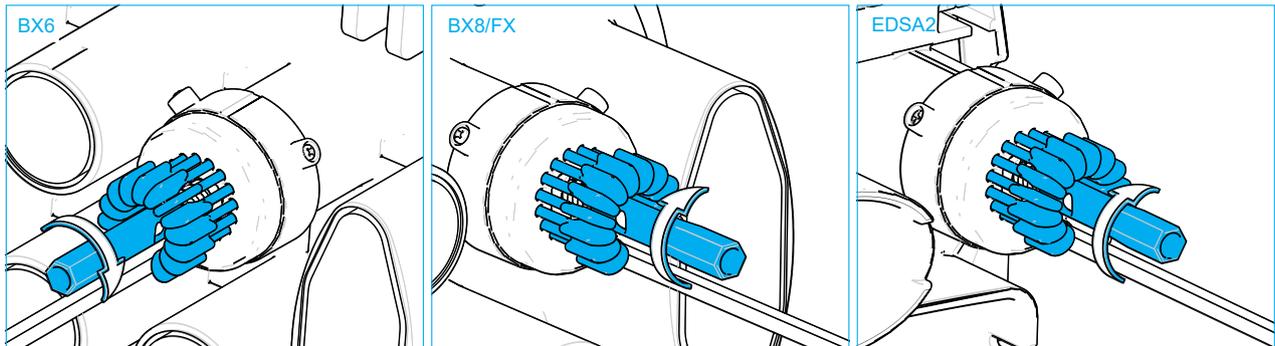
- 1 Pull back the cable and side the mini termination unit in the holder.
- 2 Install all mini termination units in the holder for future cable installations. Secure with the O-ring. (BX8/FX/EDSA2)

 **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.

- 3 Install all mini termination units in the holder for future cable installations. Secure with the O-ring. (BX6)

## 6.3 Activate seal mechanism



- 1 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-GC02-BX6, FIST-GC02-BX8 and the FIST-GC02-FX.