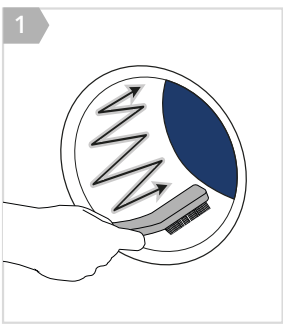


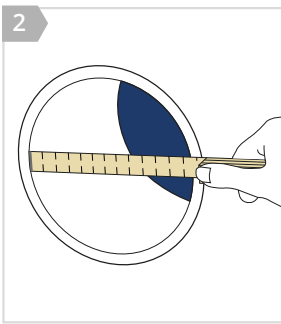
RGP INS-2025-Rev. A

A

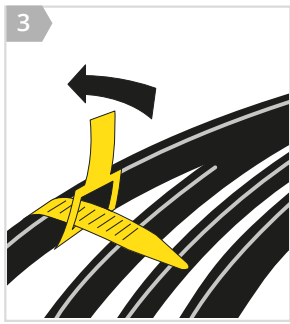
| Dimensions for pipes and drilled holes |         |           |               |
|----------------------------------------|---------|-----------|---------------|
| RGP type RGP ID mm                     |         | RGP type  | RGP ID Inches |
| RGP 50                                 | 50-51   | RGP 2"    | 1.97-2.01"    |
| RGP 70                                 | 70-71   | RGP 3"    | 3-3.04"       |
| RGP 100                                | 100-102 | RGP 4"    | 4-4.08"       |
| RGP 125                                | 125-127 | RGP 5"    | 5-5.08"       |
| RGP 150                                | 150-152 | RGP 6"    | 6-6.08"       |
| RGP 200                                | 200-202 | RGP 8"    | 8-8.08"       |
| RGP 300                                | 300-302 | RGP 11.8" | 11.8"11.9"    |



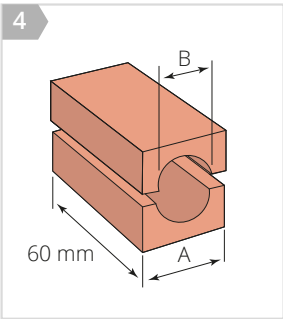
Clean the aperture.



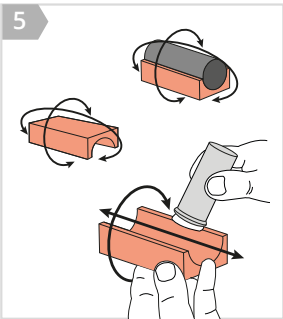
Measure and verify the aperture.



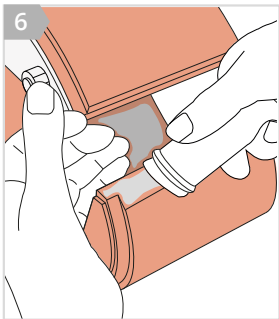
Measure the diameter of the cables and choose suitable blocks.



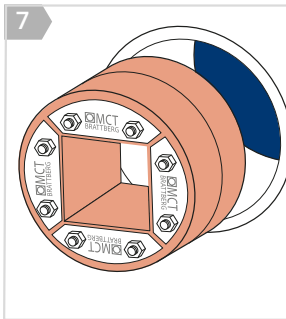
Insert Blocks are identified by their width (A) and hole diameter (B).



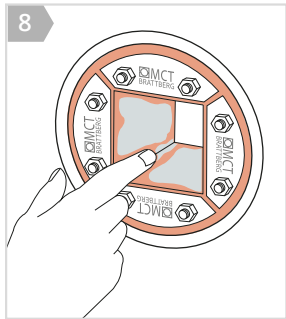
Lubricate all sealing surfaces on the Insert Blocks.



Lubricate inside the cut of the RGP thoroughly.



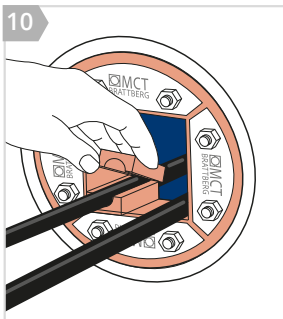
Insert the RGP frame in the opening. No lubricant should be applied to the hole or to the outside of the RGP.



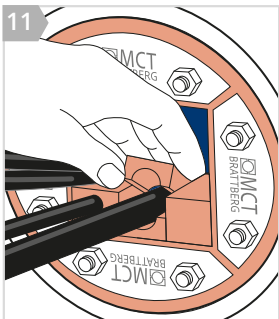
Lubricate the inside of the RGP thoroughly, especially into the corners.



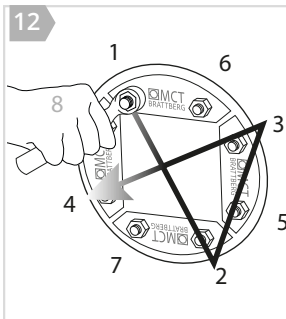
Route the cables/pipes through.



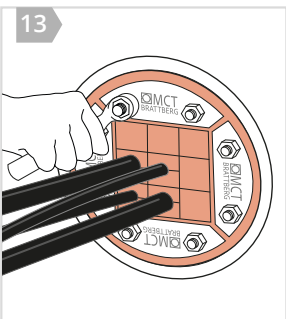
Insert the blocks according to your packing plan. The cables/pipes shall be parallel to the RGP.



Continue to fill the transit considering your RGPlan.

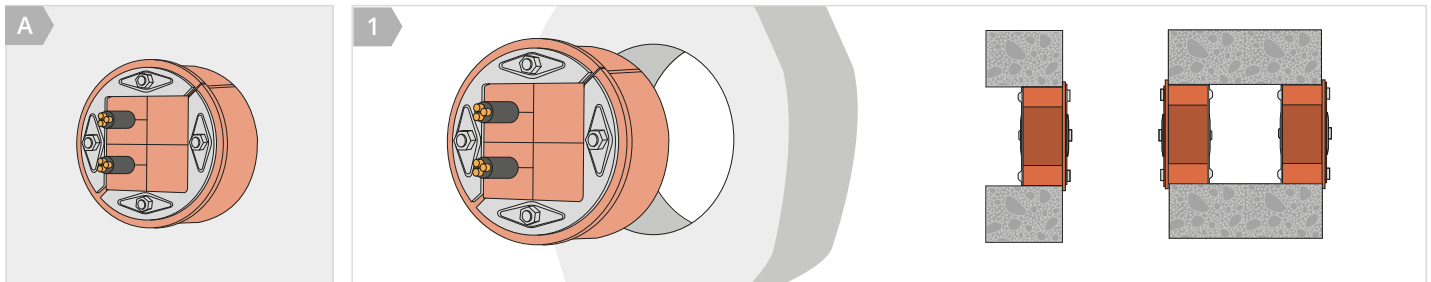


Tighten the nuts in diagonal order.



Tighten until 10-12 mm (0,39"-0,47") of thread is visible.

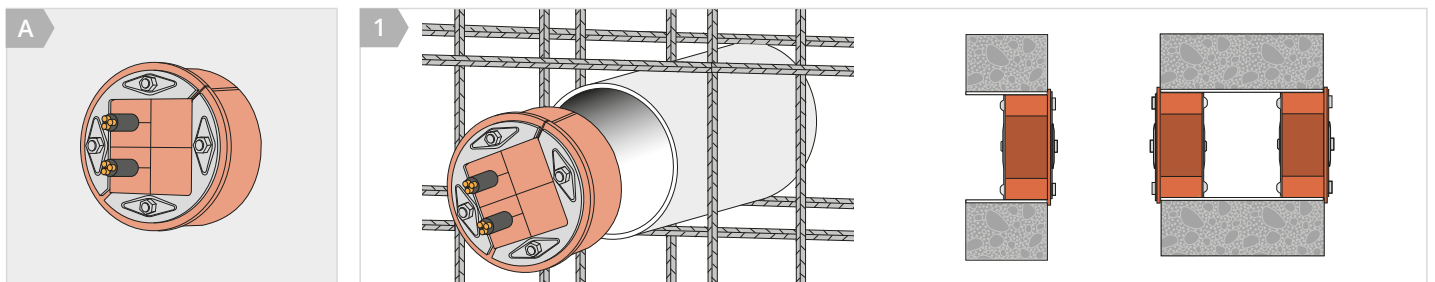
## Installation Core drilling holes



RGP can be installed in core drilled or cast holes, or in a pipe that is cast in or bolted.

Casting is made easier if MCT Brattberg casting forms are used.

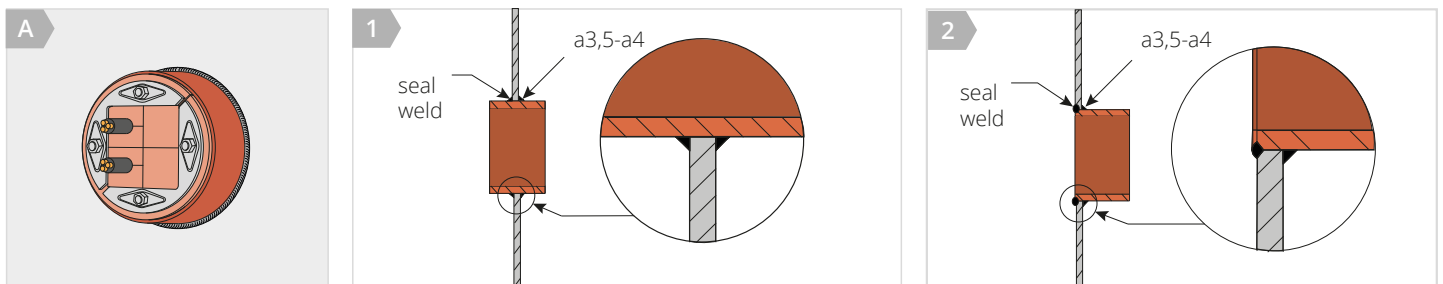
## Installation Cast in



RGP can be installed in core drilled or cast holes, or in a pipe that is cast in or bolted.

Casting is made easier if MCT Brattberg casting forms are used.

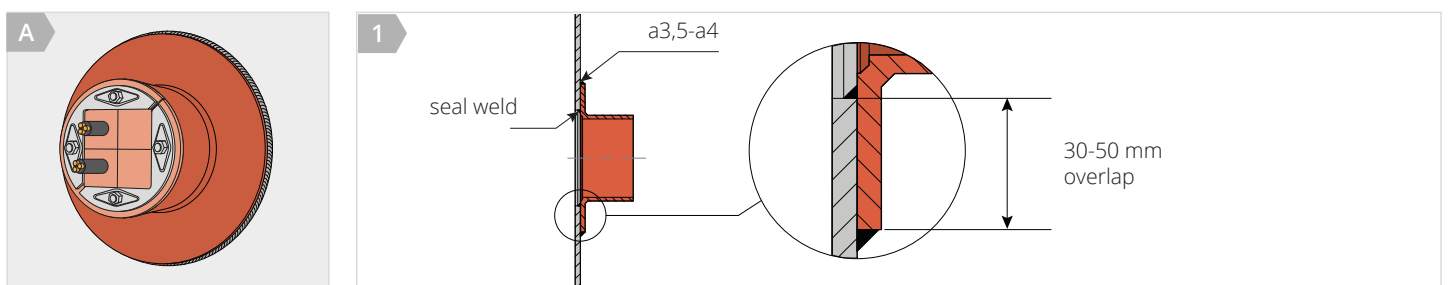
## Installation S Sleeves



1. Position the S-type sleeve into the plate, maximum allowed root gap is 2 mm.
2. Tack weld in four places or every 100 mm around the sleeve.

3. Weld around the front side of the sleeve.
4. Complete by seal welding around the rear side of the sleeve

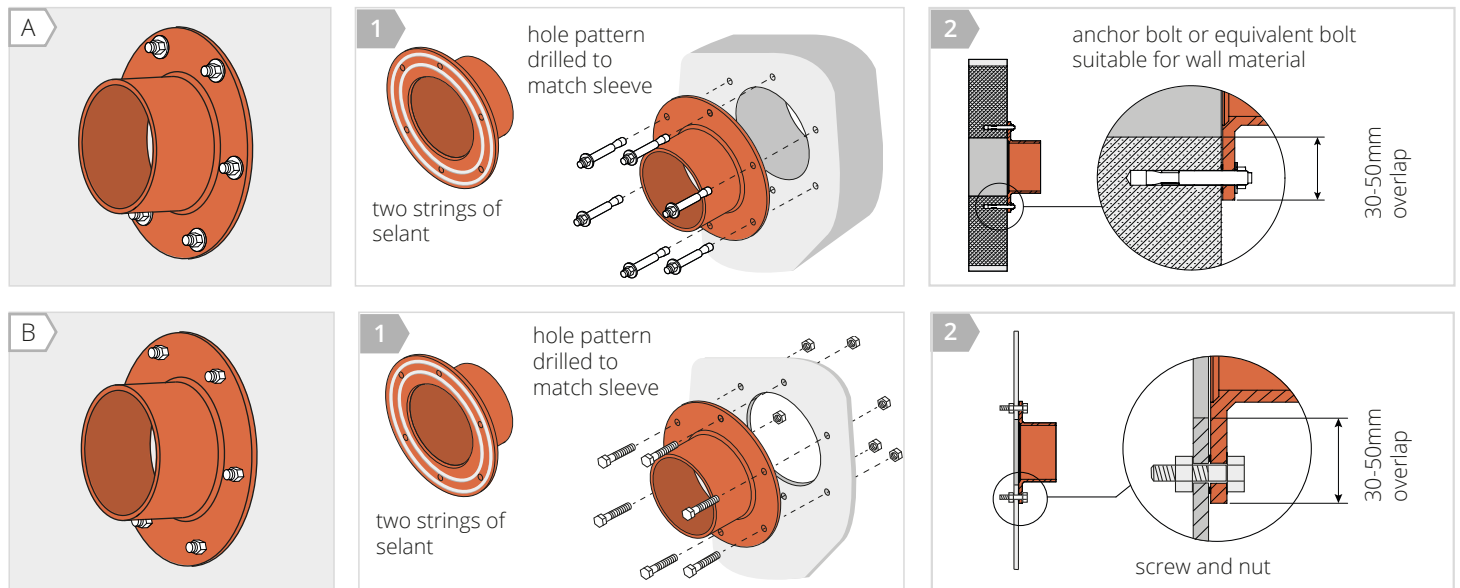
## Installation SFR Sleeves



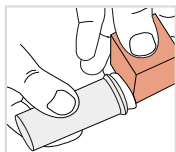
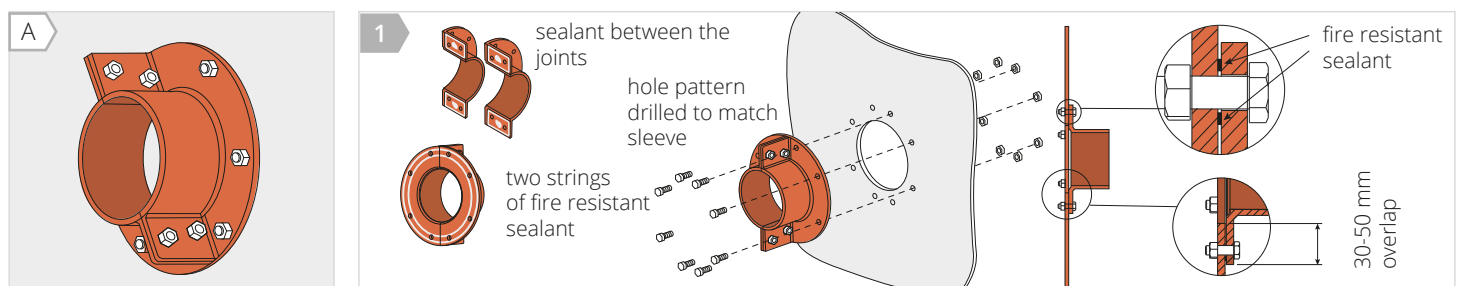
1. Center and position the SFR flange flat to the plate.
2. Tack weld on the front side of the SFR in four places or every 100 mm around the periphery.

3. Continue welding around the front side of the SFR.
4. Complete by seal welding around the rear side of the SFR.

## Installation SFRB Sleeves



## Installation SFRBO Sleeves



### Disclaimer - pressure & watertight installation RGP

- All contact surfaces between the pipe and the RGP plug must be cleaned carefully prior to installation. Do not use any lubricant on these surfaces.
- All blocks and all the inside corners of the RGP must be lubricated carefully with **MCT Brattberg lubricant**.
- The penetration must not be subjected to pressure for at least **48 hours** after installation. This is to allow the pressure to equalise throughout the penetration.
- It will take more time for the pressure to equalise at temperatures below 20°C.
- Installation/testing of transits should only be performed by MCT Brattberg trained installers.
- Note: If the installation is subjected to pressure, all components must be replaced after removal and refitting.

### After installation inspection

- Are the screws tightened evenly?
- Verify that the RGP is suitable for the application by checking its certification and type-approvals.

### Disclaimer:

This instruction guide may be subject to revision and changes due to development and changes of the material and products. The data is derived from tests and experience. If not stated as minimum values, the data is average data and should be treated as such. Calculations should be verified by actual tests. The data is furnished without liability for the company and does not constitute a warranty or representation in respect of the material or its use.

The company reserves the right to release new instruction guides in replacement.