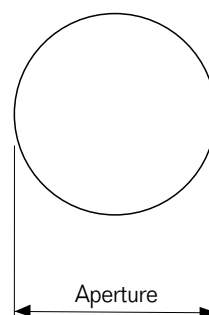


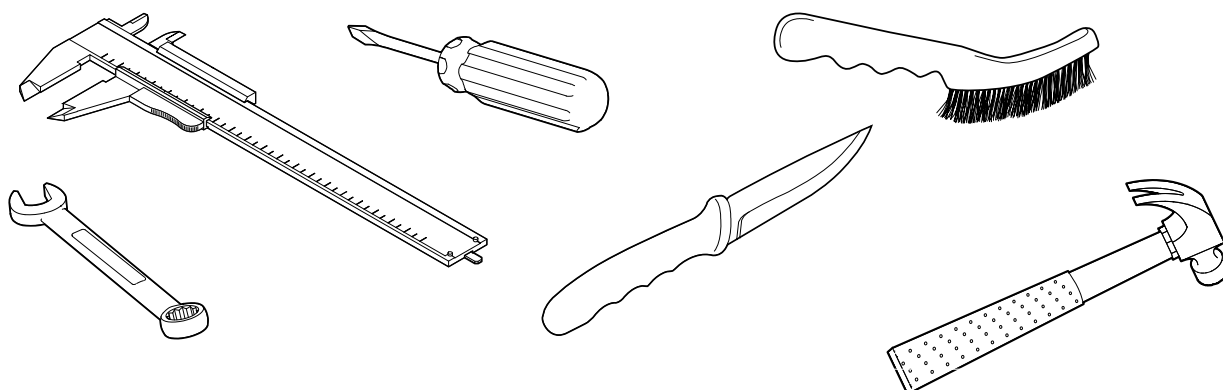
Installation instructions Roxtec R UG™ frames

Aperture dimensions

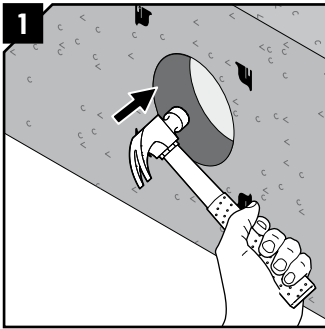
Type:	Aperture Ø (mm)	Clearance depth (mm)	Packing space (mm)
R 100 UG	100 - 102	80	60 x 60
R 150 UG	150 - 152	80	90 x 90
R 200 UG	200 - 202	80	120 x 120



Optional tools

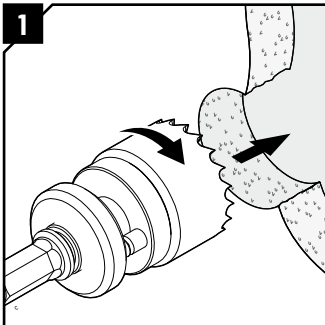


Installation in a Roxtec knock-out sleeve



Remove the knock-out of the sleeve before inserting the seal.

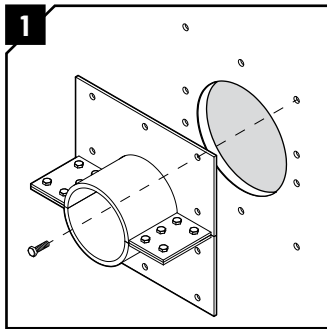
Installation in a core-drilled hole



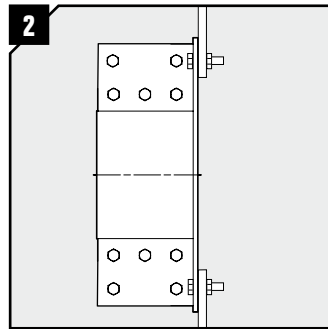
Installation of seal into a core-drilled hole. Use a hole saw with the appropriate diameter.

Installation in a bolted sleeve

For retrofit purposes an openable sleeve can be used.

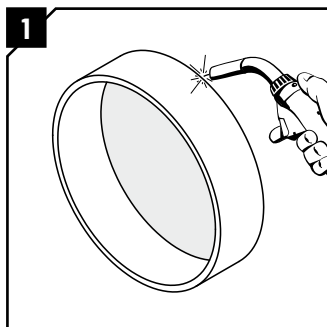


Use the flange as template for the drilling of the bolt holes.



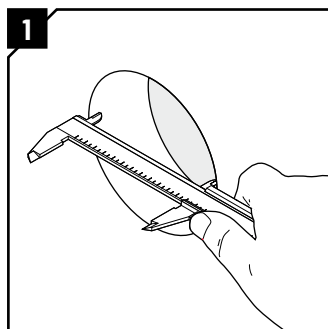
Attach the frame to the structure using suitable sealing method and suitable stainless fasteners.

Installation in a welded sleeve

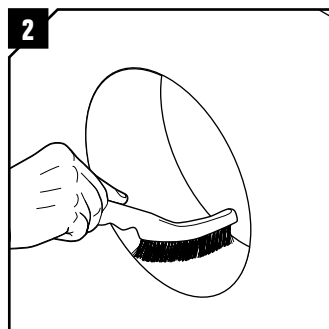


Weld the Roxtec sleeve to the cabinet/wall. Welding guidelines are available at www.roxtec.com.

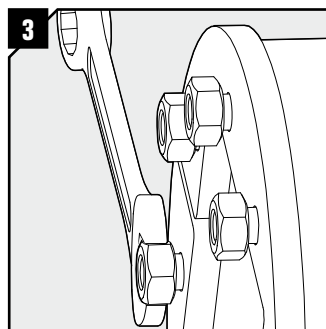
Installation



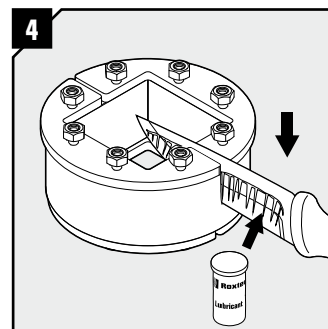
Measure the aperture according to the table on the first page.



Remove any dirt from the sleeve/hole.

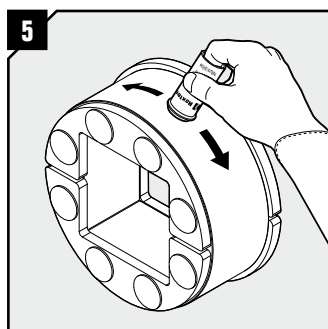


Loosen all the nuts.

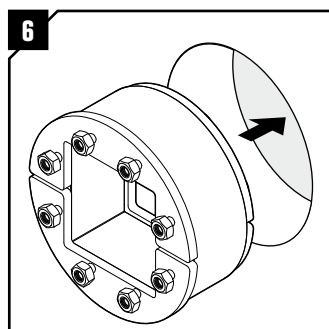


If pipes/cables are pre-routed, the frame can be cut open with a sharp lubricated tool.

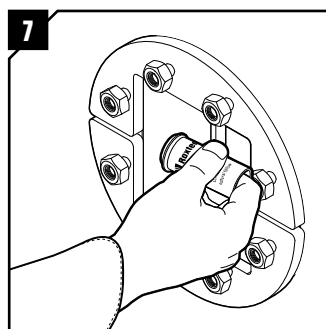
Note: The cut must be smooth without removing material.



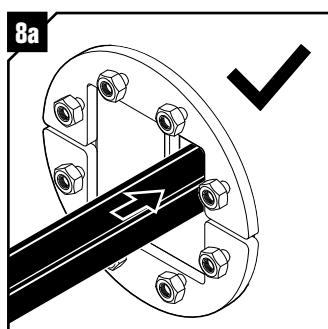
Lubricate the frame sparsely on the outside with Rextec Lubricant if needed.



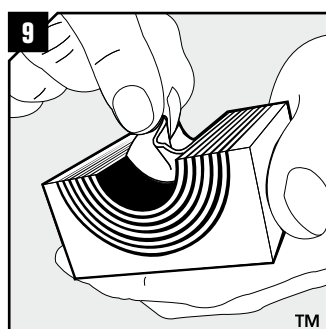
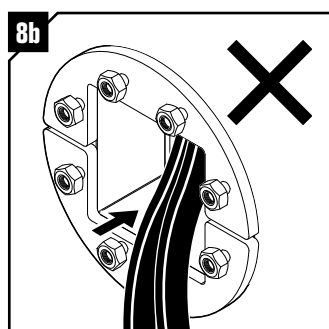
Insert the frame into the sleeve/hole.



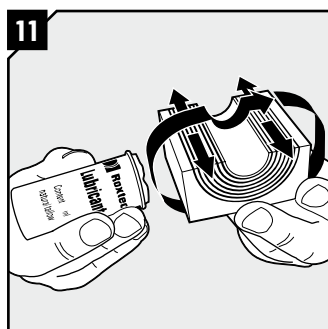
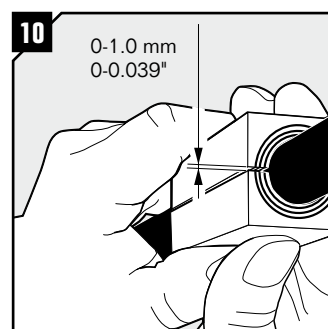
Lubricate the inside of the frame thoroughly, especially into the corners.



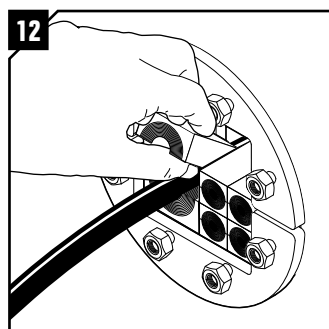
Pull the pipes/cables through. Cables shall go straight through the seal.



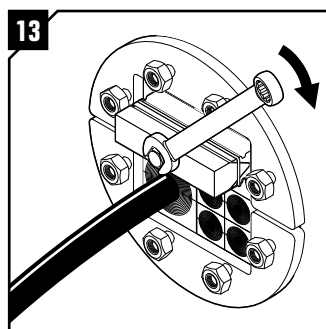
Adapt modules to cables/pipes by peeling off layers. Achieve a 0-1.0 mm gap between the two halves when held against the cable/pipe. The halves may not differ by more than one layer. The last layer cannot be removed.



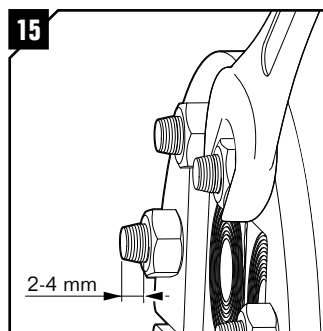
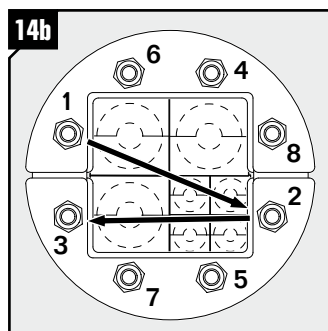
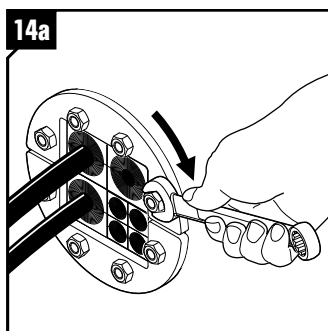
Lubricate all modules thoroughly, both the inside and the outside sealing surfaces.



Insert the modules and cables/pipes according to your installation plan (transit plan). Begin with the smallest modules.

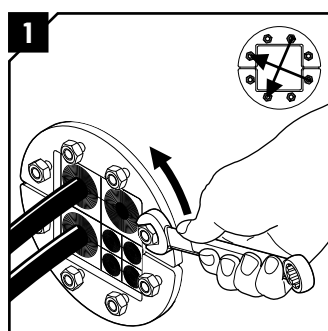


Use Rextec pre-compression tool to make room for the final module row.

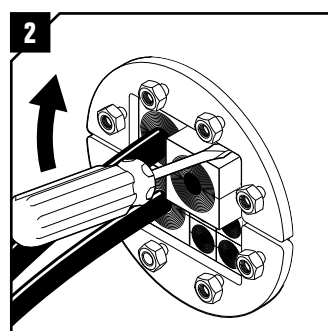


Tighten the nuts crosswise. The seal is compressed when excessive lubricant is visible between the module halves as well as 2-4 mm of the thread.

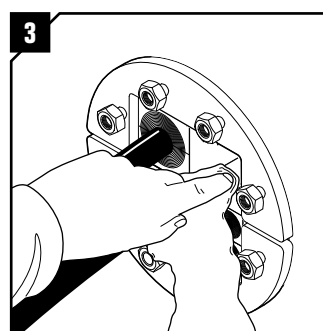
Disassembly and reinstallation



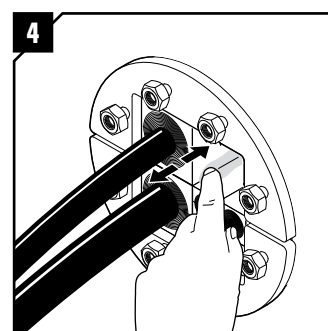
Untighten the nuts crosswise. Make sure the nuts are completely loose.



Remove the modules needed using a flat tool. Replace any damaged modules.



Make sure that the inside surfaces of the packing space are free from dirt or dust.



Lubricate the inside surfaces all around with Roxtec Lubricant, especially into the corners. Continue the reinstallation on page 3, step 8.

Note

- Wait 24 hours or longer after installation before exposing the cables/pipes to strain or pressure.
- Temperature range +4°C to +40°C.
- Cables shall go straight through the seal.
- Cable/pipe with a considerable weight needs to be supported to prevent damage or subsidence to the seal.
- To be used with: RM UG™ modules.
- Do not peel off the last rubber layer of each module half.

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(a) During storage, the Roxtec system or part thereof, shall be kept indoors in its original packaging at room temperature.

(b) Installation shall be carried out in accordance with Roxtec installation instructions in effect from time to time.

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