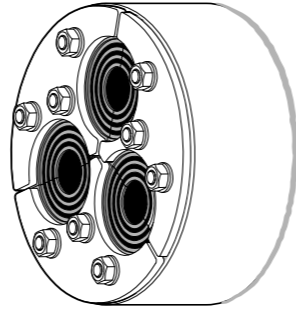
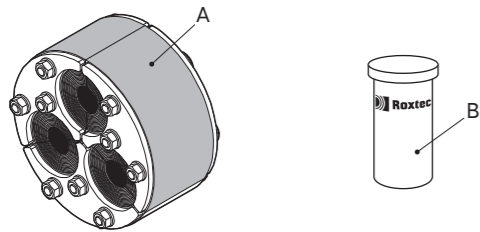


Installation instructions

Roxtec H3 seal



Components



A. Roxtec H3 seal
B. Roxtec Lubricant

Additional information



Scan QR code or visit roxtec.com for additional information, such as drawings, apertures, videos, ratings and certificates.

Technical data

The amount of torque needed to compress the seal depends on several things, e.g cable or pipe size, amount of used lubricant, aperture size or material in the cable sheath, etc.

Name	Aperture dimension Ø (mm)	For cable/pipe Ø (mm)	Torque (Nm)	Tool size (mm)
H3-150	150 – 152	24 – 54	10 – 12	13
H3-200	200 – 202	48 – 70	10 – 12	13

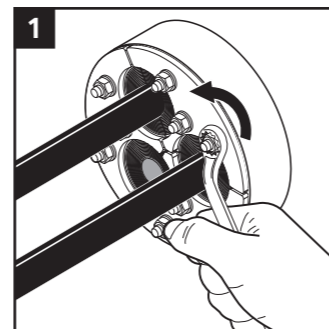
Tools

- Spanner (not included)
- Caliper (not included)
- Brush (not included)

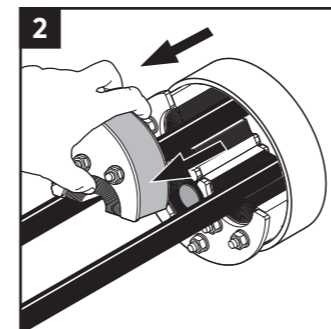
To be installed in

- Welded sleeves
- Bolted sleeves
- Cast-in sleeves
- Core drilled sleeves

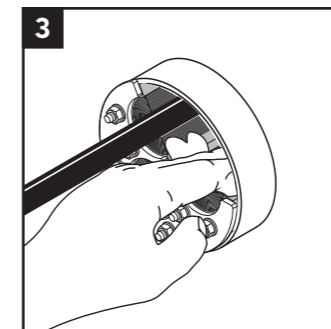
Disassembly and reinstallation



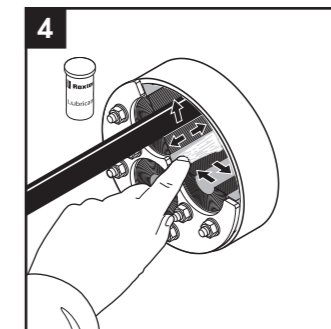
1
Untighten the nuts crosswise in small steps. Make sure the nuts are completely loose.



2
Remove the seal parts needed.

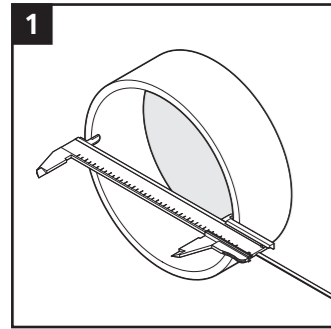


3
Clean the exposed sealing surfaces.

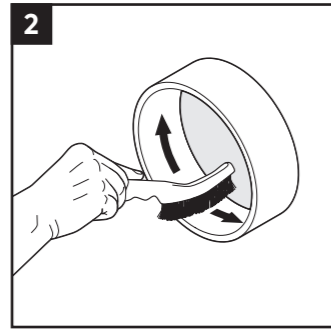


4
Lubricate the exposed sealing surfaces. Continue the reinstallation.

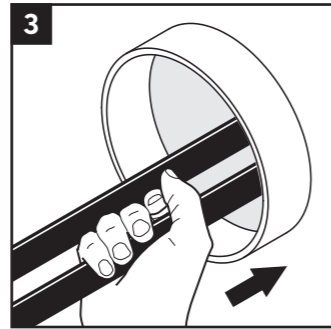
Installation



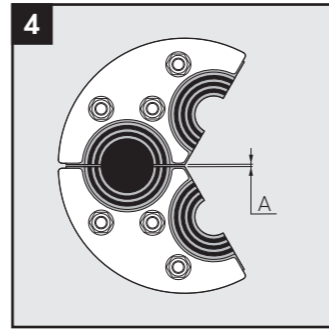
1 Make or verify an aperture.



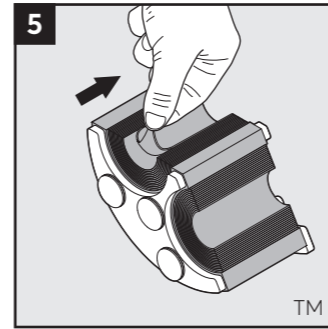
2 Clean the aperture.



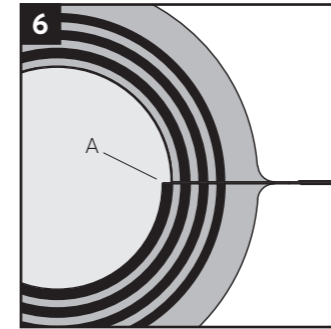
3 Pull the cables/pipes straight through the aperture.



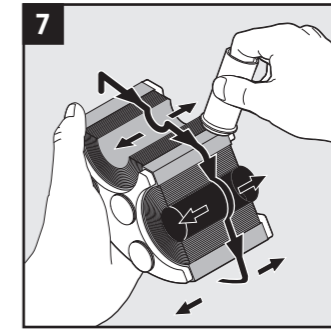
4 Achieve a gap of 0-1.0 mm (A) between the parts for all cables.



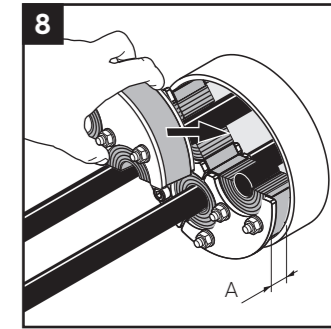
5 Adapt the seal by peeling off layers.



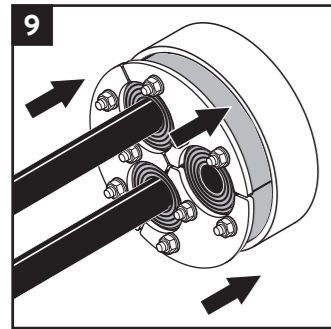
6 The number of layers may not differ (A) by more than one between the corresponding seal parts.



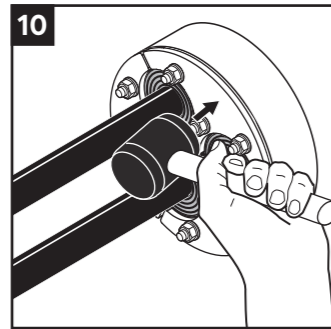
7 Lubricate the three parts of the seal thoroughly all around. Lubricate remaining cores on the sealing surface.



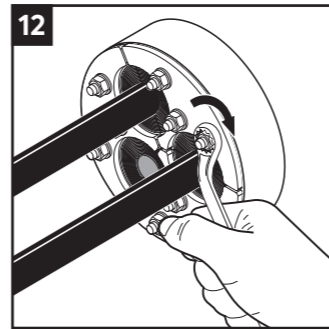
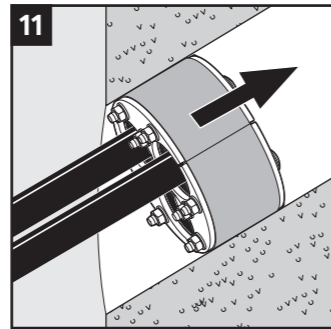
8 Insert the seal parts into the sleeve. Leave a 10 mm margin (A) to simplify installation.



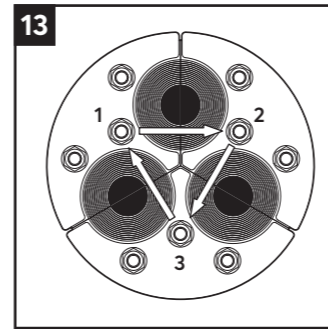
9 Press all three parts of the seal into the sleeve simultaneously.



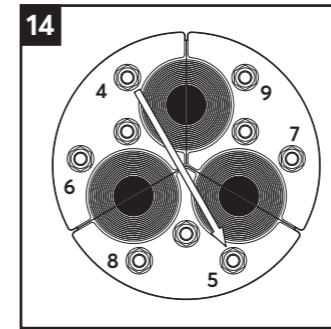
10 Use an insertable seal if the hole is not perpendicular to the wall.



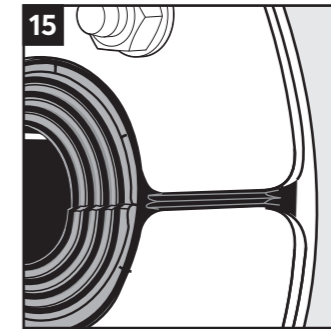
12 Tighten the nuts crosswise in small steps.



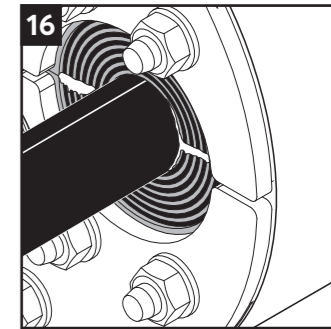
13 Tighten the inner nuts partially.



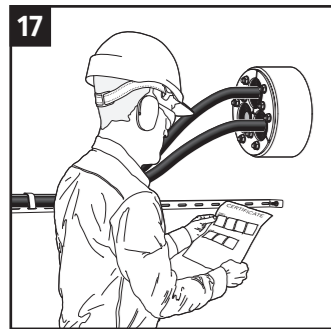
14 Tighten the outer nuts partially, and then continue with the inner nuts.



15 Bulging rubber is a sign of good compression.



16 Excessive visible lubricant is a sign of good compression.



17 Check additional documentation, if applicable.

After installation inspection

- Are the screws tightened evenly?
- Are the layers peeled correctly?
- Is lubricant protruding?
- Is the rubber bulging?

Note

- For optimum reliability, wait 24 hours or longer after installation before exposing the cables/pipes to strain or pressure.
- Cables/pipes shall be parallel to the sleeve/aperture.
- Cable/pipe with a considerable weight needs to be supported to prevent damage or subsidence to the seal.
- Approvals or certificates may include amendments or limitations related to this application.
- A seal with core is spare capacity.
- The latest version of this and related documents are found at roxtec.com.

Disclaimer

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

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