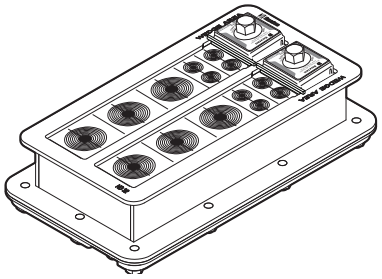


Roxtec

Installation instructions Roxtec HD 32 with HD modules

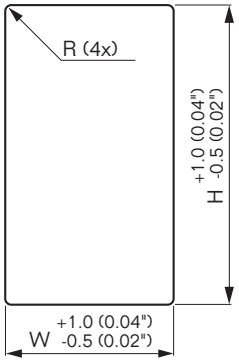
Aperture dimensions

HD 32

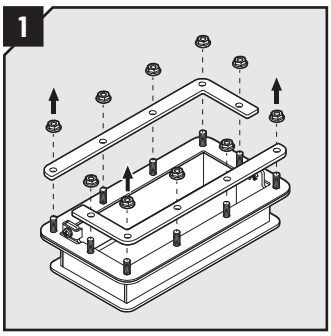
Hole dimensions in cabinet:

	(mm)	(in)
H	216	8.504
W	110	4.331
R max	3	0.118

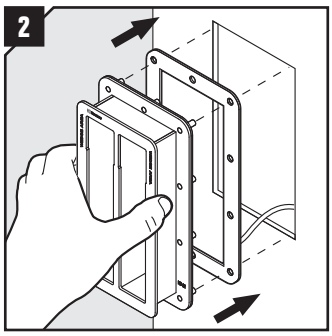
Max wall/cabinet thickness: 4 mm (0.157")



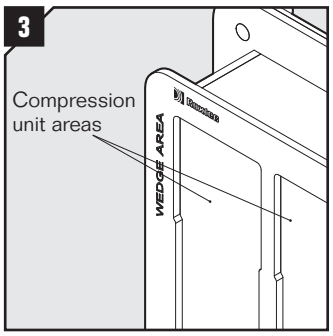
Installation



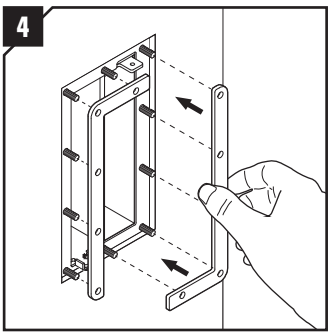
Remove all nuts and the two counter frames.



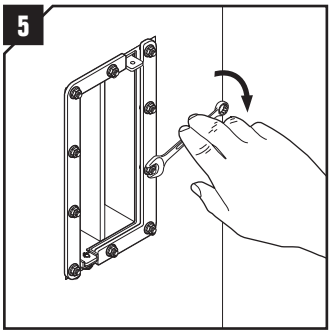
Insert the frame from the outside of the cabinet. Ensure that the gasket is placed between the frame and the cabinet.



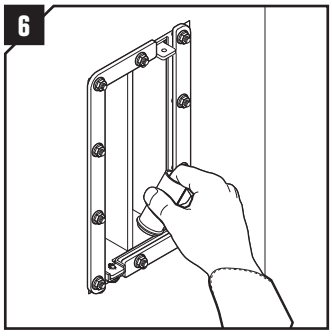
Observe the intended wedge areas without stopping edges.



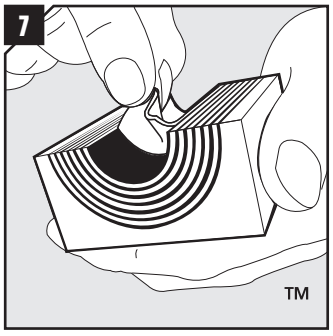
Attach the two counter frames from the inside of the cabinet.



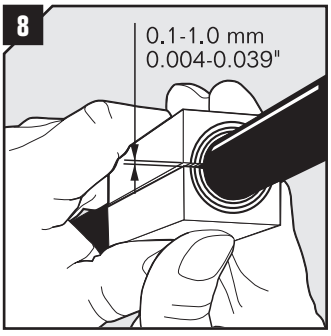
Tighten the nuts crosswise in small steps. Recommended torque 4 Nm. Do not overtighten the nuts.



Lubricate the inside surfaces of the frame all around with Roxtec Lubricant, especially into the corners.

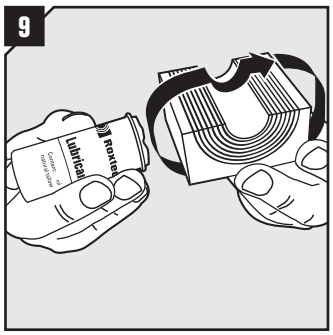


Adapt modules, which are to hold cables or pipes, by peeling off layers until you reach the gap seen in pic. 8. The halves may not differ by more than one layer.



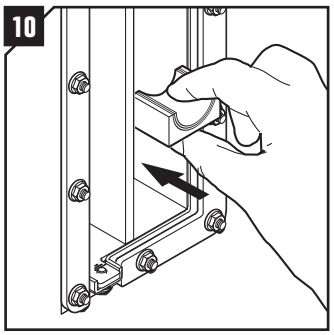
Achieve a 0.1-1.0 mm gap between the two halves when held against the cable/pipe.

9



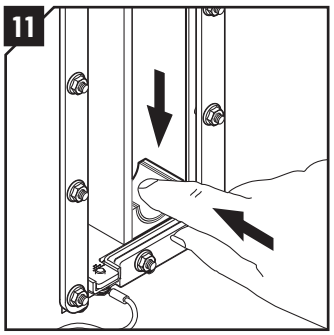
Lubricate all modules for the frame thoroughly, both the inside and the outside surfaces.

10



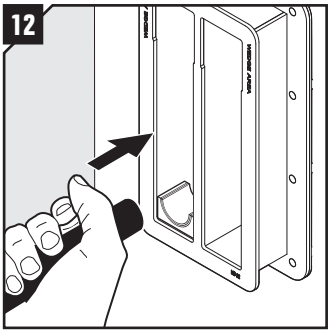
Insert the modules from the back side of the transit according to your installation plan (transit plan). Start with the largest modules.

11



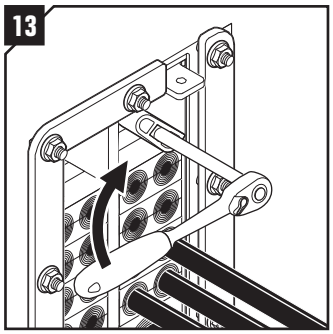
Push the modules in place. Ensure that the module rests against the stopping edge at the front.

12



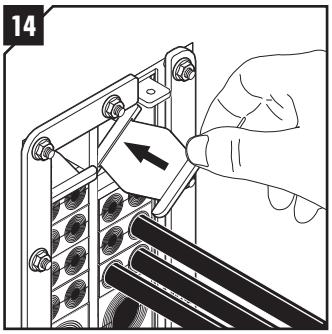
Insert the cables through the frame.

13



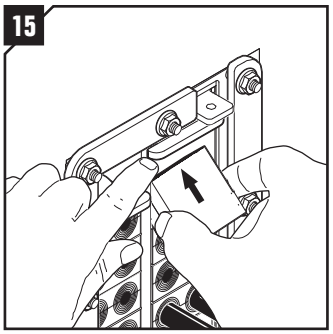
Use a Roxtec pre-compression tool to make space for the compression units if required.

14



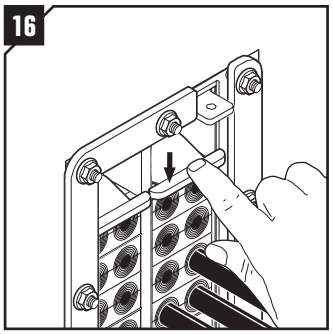
Before inserting the final module, insert a stayplate.

15



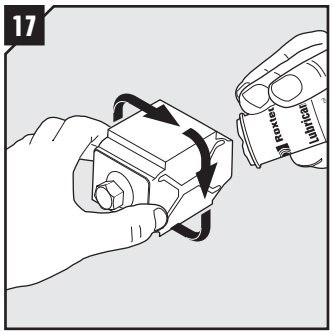
Lift up the stayplate and insert the last module underneath it.

16



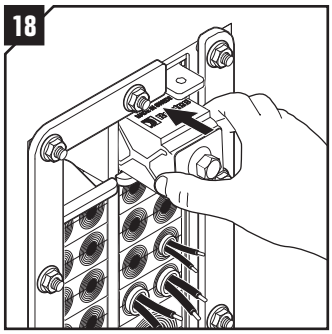
Drop the stayplate on top of the last module. Make sure the combinations of modules equals to the 160 mm packing space. See example on last page.

17

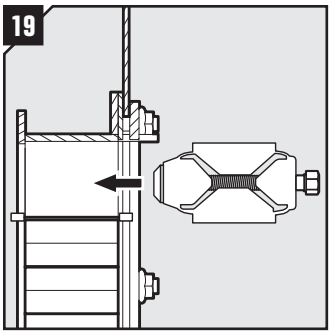


Lubricate the compression units on all sides with Roxtec Lubricant.

18

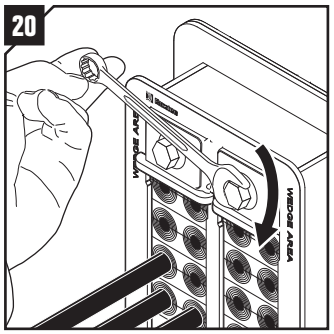


19



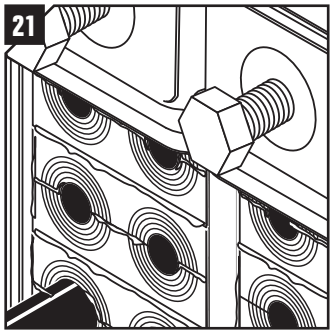
Insert the compression units from the inside of the openings until stop. The compression units can be placed with the screwhead facing the inside or the outside of the frame. Do not tighten the first compression unit until the second compression unit is inserted.

20

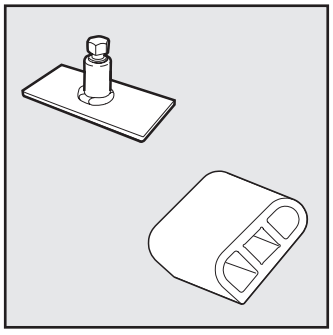


Tighten the screws of the compression units alternately until full stop, approx. 20 Nm (15 ft.lb.).

21

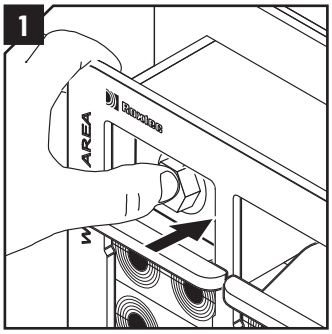


Visible excess lubricant is a sign of good compression. Make sure that all modules are placed correctly and fully inserted after compression.

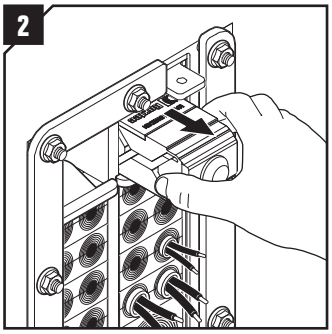


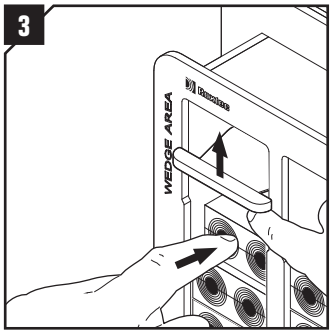
In order to further simplify installation, we provide tools for pre-compression of the modules in the frame. For more information about Roxtec tools, please visit www.roxtec.com.

Disassembly and reinstallation

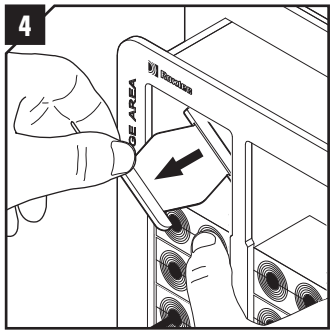


Untighten the screws of the compression units and remove them.

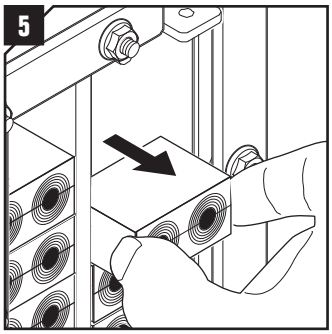




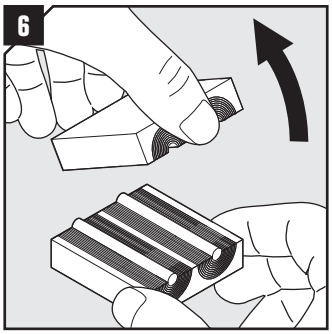
Lift up the stayplate and push out the first module from the front side.



Remove the stayplate.

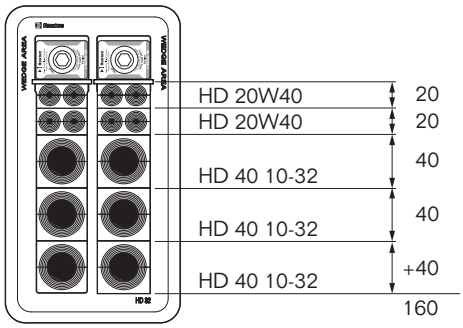


Continue to remove the modules by pulling them out from the backside of the frame.



Separate the module halves and continue the reinstallation at step 7 on page 1.

Packing space



As module installation example shows, 160 mm can be the result of 3 pieces of HD 40 10-32 and 2 pieces of HD 20W40. Different module configurations must be totally 160 mm.

Sizing chart

Module	For cable/pipe outer diameter a-b (mm)	a-b (in)
HD 15w40	0+3.0-9.5	0+0.118-0.374
HD 20w40	0+3.5-15.5	0+0.138-0.610
HD 30w40	0+10.0-24.0	0+0.394-0.945
HD 40 10-32	0+9.5-31.5	0+0.374-1.240
HD 40	0+21.5-33.5	0+0.846-1.319

Note

- Wait 24 hours or longer after installation before exposing the cables/pipes to strain or pressure.
- To be used with: HD components.
- Cables/pipes shall go straight through the frame.

Article number: 168128 Document number: ASS2013003201 ver B

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