

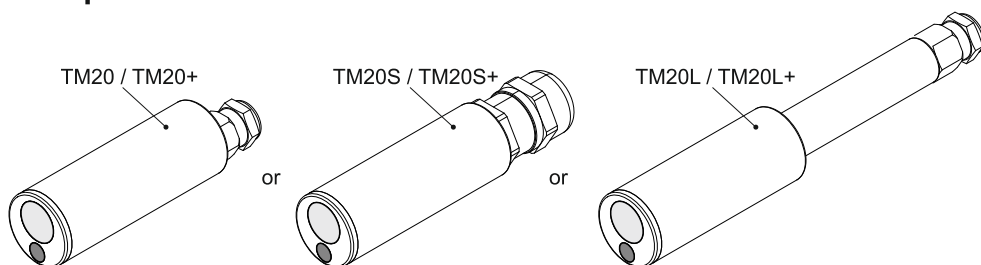
Technical data

The amount of torque needed to compress the seal depends on several things, e.g microphone size, amount of used lubricant, aperture size, etc.

Installation Instructions Microphones TM20 with Roxtec RS or RS OMD Seal

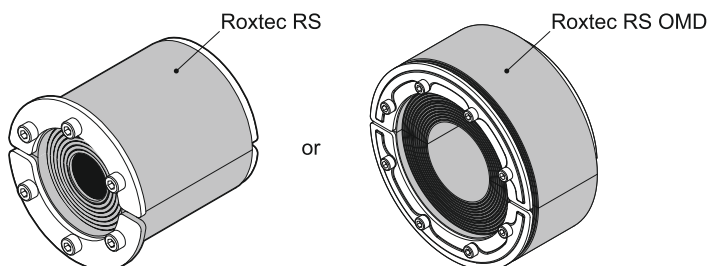
Roxtec seal	Aperture dimension Ø (mm)	Microphone	Torque (Nm)	Tool size (mm)
RS 25	25 - 26	TM20L	~ 1	2.5
RS 25 OMD	26 - 30	TM20L	~ 1	2.5
RS 31	31 - 32	TM20L	~ 1	2.5
RS 31 OMD	32 - 35.5	TM20L	~ 1	2.5
RS 43	43 - 45	TM20 / TM20S / TM20L	~ 4	4
RS 43 OMD	44 - 51	TM20 / TM20S / TM20L	~ 4	4
RS 50	50 - 52	TM20 / TM20S / TM20L	~ 4	4
RS 50 OMD	51 - 58	TM20 / TM20S / TM20L	~ 4	4

Components



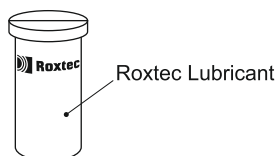
Tools

- o Allen key (not included)
- o Caliper (not included)
- o Brush (not included)

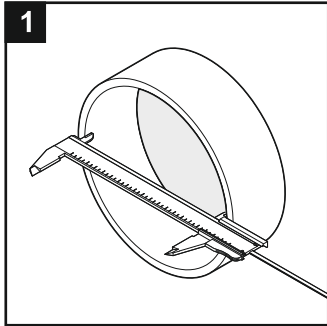


To be installed in

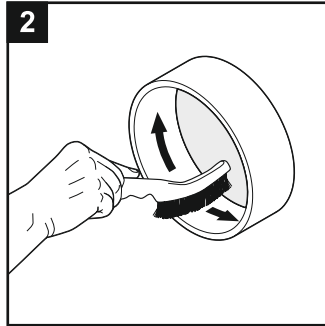
- o Welded sleeves
- o Bolted sleeves
- o Cast-in sleeves
- o Core drilled holes



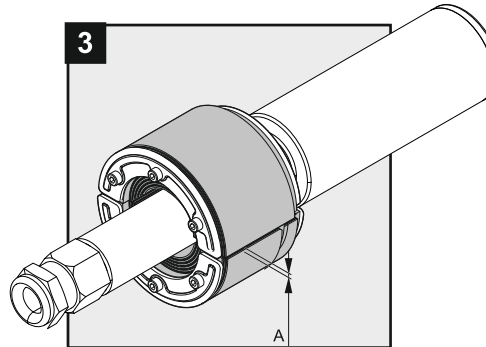
Installation



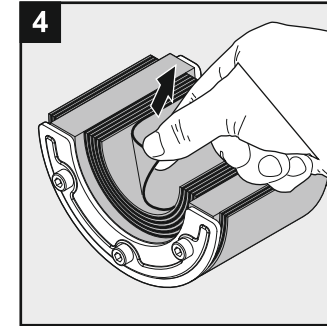
Make or verify an aperture.



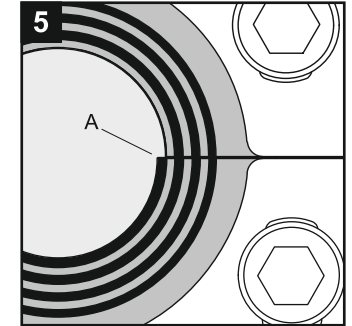
Clean the aperture.



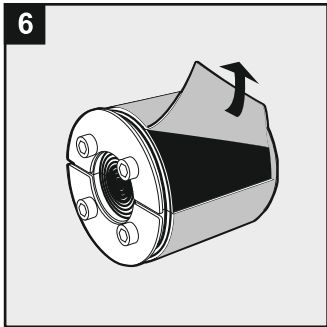
Achieve a 0-1.0 mm gap (A) between the two Roxtec seal halves when held against the microphone. For RS 25 - RS 31 use the Ø12mm of the TM20L microphone and for RS 43 - RS 50 the Ø20mm of the microphones.



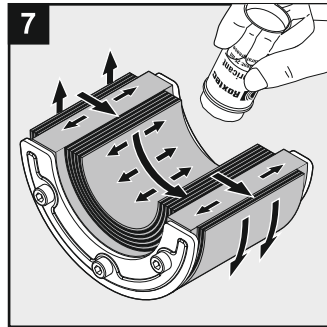
Adapt the seal by peeling off layers.



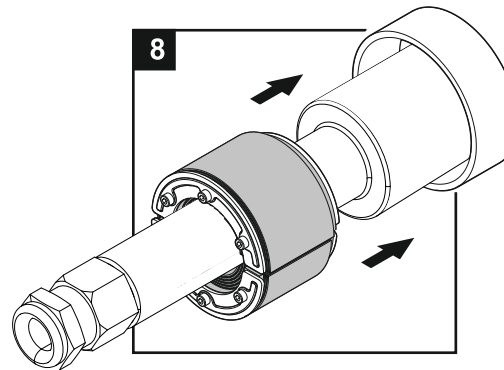
The number of layers may not differ (A) by more than one between the corresponding seal halves.



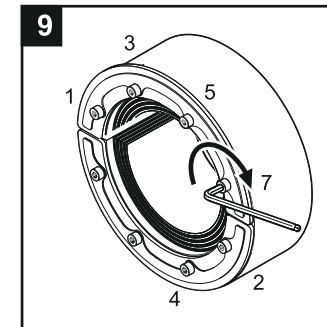
Adapt the seal to the aperture by peeling off layers (only RS OMD . seals).



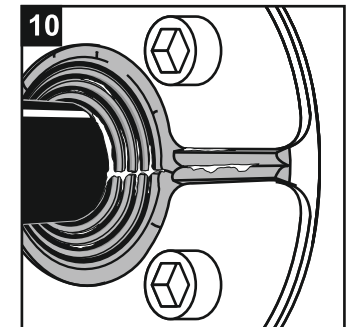
Lubricate the inside and the outside sealing surfaces with Roxtec Lubricant.



Insert the halves with the microphone into the aperture.



Tighten the bolts crosswise in small steps to firm compression.



Bulging rubber and visible protruding lubricant indicate a tight seal.

After installation inspection

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



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