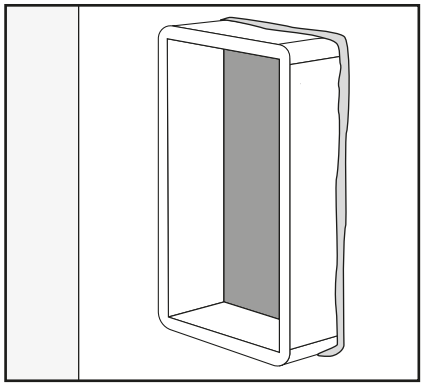
INSPECTION& VERIFICATION

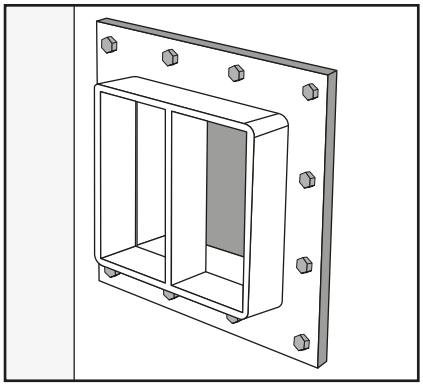
GUIDELINES

HTS
SAFETY SEALING SOLUTIONS

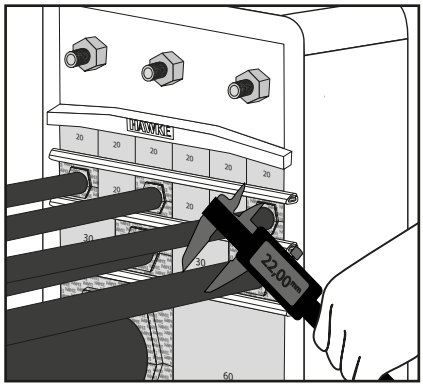
HTS

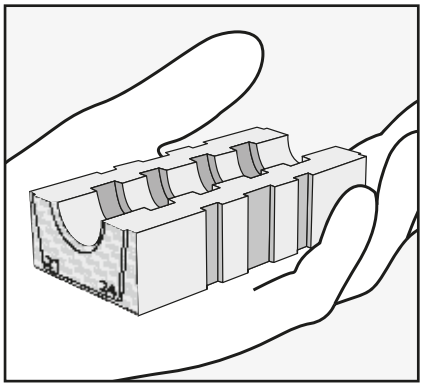
RECTANGULAR STANDARD installation and inspection checks guidelines:



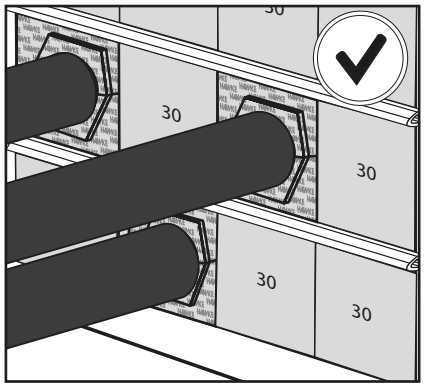


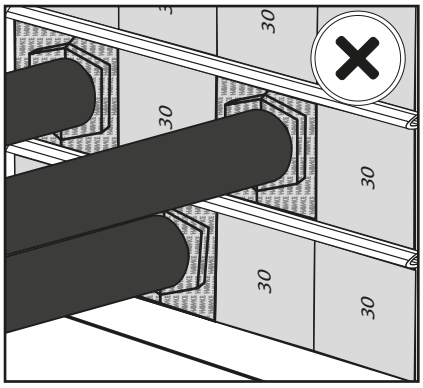
Check that HTS Frame has been used in the installation, that it has been properly installed (welded/bolted)and that it has not mechanical or corrosion damage.



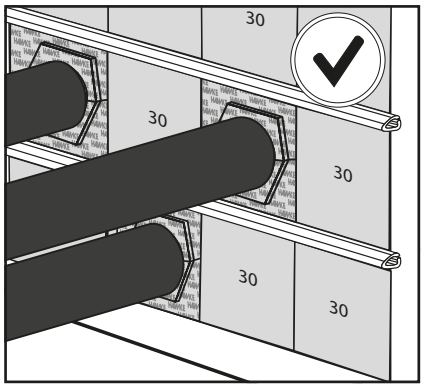


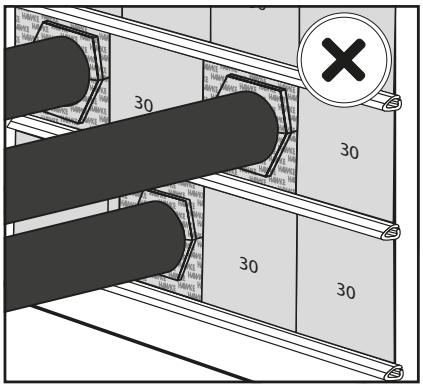
Measure the outer diameter of the cable and ensure that the diameter is within the cable range marked on the front of the block or by the colour code of the block.





Check the correct orientation of the blocks.





Check that there are a stayplate between each row of blocks and there are not stayplate between the bottom row of blocks and the frame.

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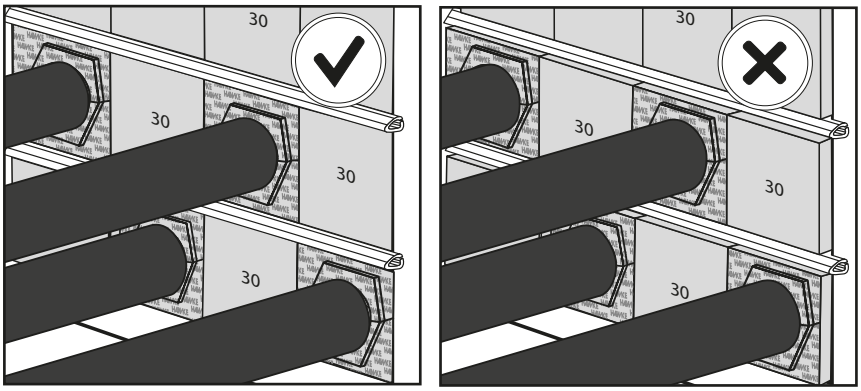
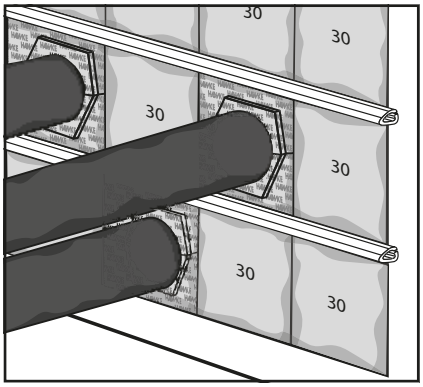
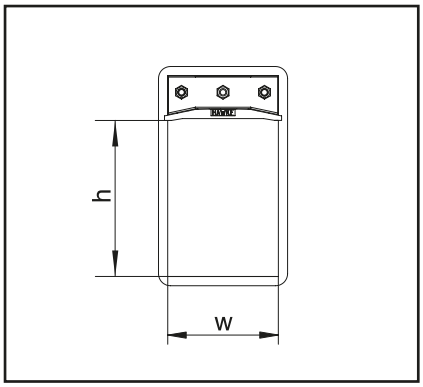
Check that all block are installed in position between the stayplates retention lips.



Check that HTS Lubricant has been used during the installation.

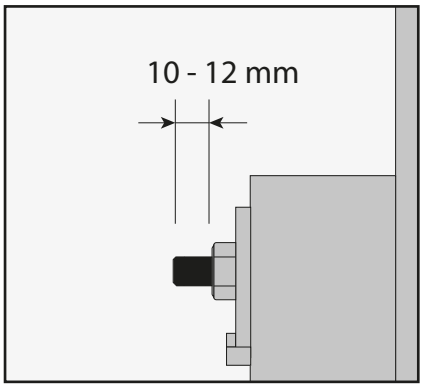


Check that there are sufficient blocks installed into the frame to cover the sealing area defined for each size of frame.



APERTURE SIZE	SEALING AREA (w x h)
1	60 x 60
2	120 x 60
3	60 x 120
4	120 x 120
5	60 x 180
6	120 x 180
7	60 x 240
8	120 x 240

Check that the right tightening of the bolts have been performed (approximately 10-12 mm of thread on each bolt should protrude from the nut).

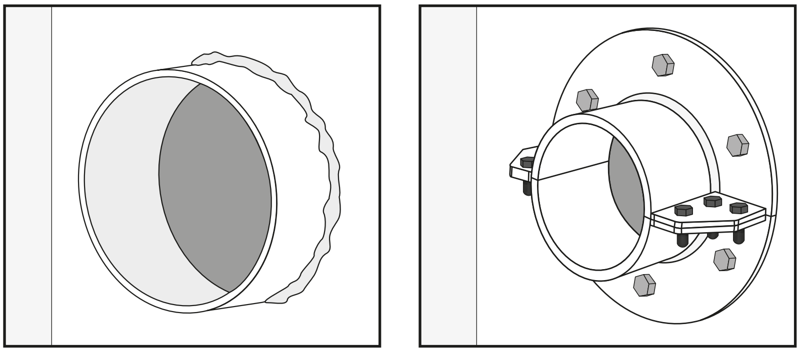


Notes

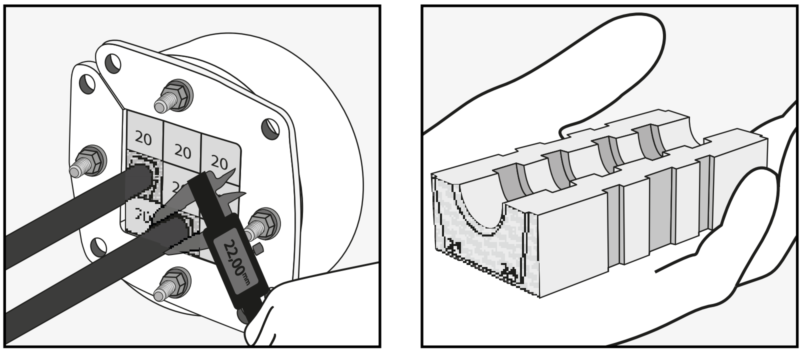
Leave the system at least 24 hours before apply pressure.
If transit application is in excess of 3,5 bar, high pressure stayplates should be used together with an extra 5mm sealing strip.

HTS

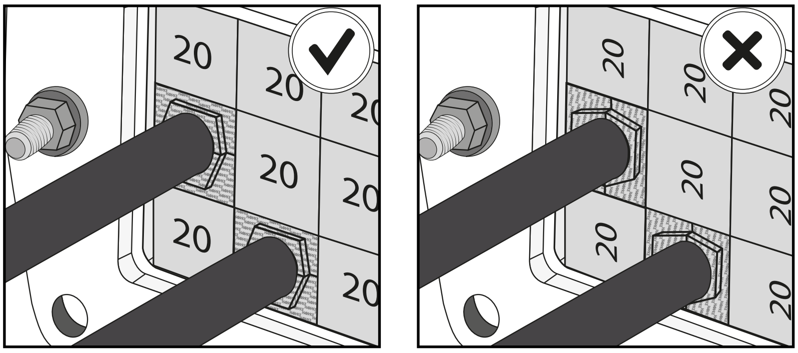
ROUND HRTO/HRT installation and inspection checks guidelines:



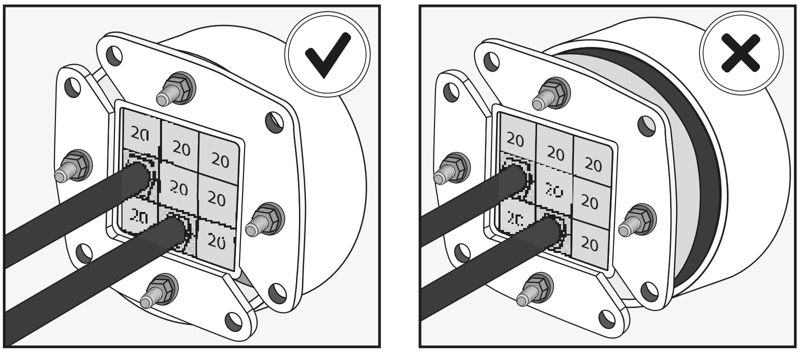
Check that HTS Sleeve has been used in the in stallation, that it has been properly installed (welded/bolted) and that is has not mechanical or corrosion damage.



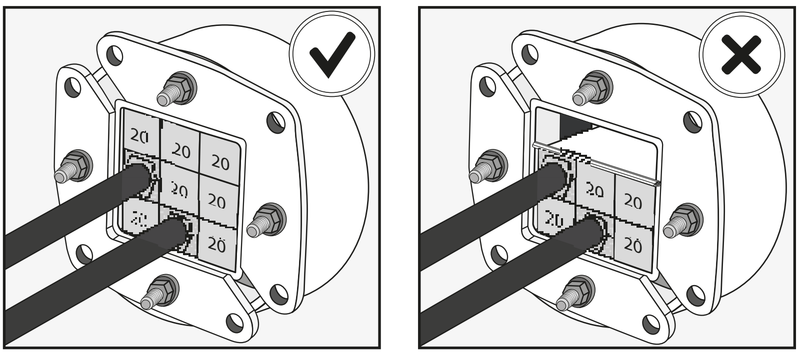
Measure the outer diameter of the cable and ensure that diameter is within the cable/pipe range marked on the front of the block or by the colour code of the block.



Check that the HRT/HRTO is completely inserted in the Sleeve/Aperture.



Check that the HRT/HRTO is completely inserted in the Sleeve/Aperture.



Check that stayplates have not be used in the installation.

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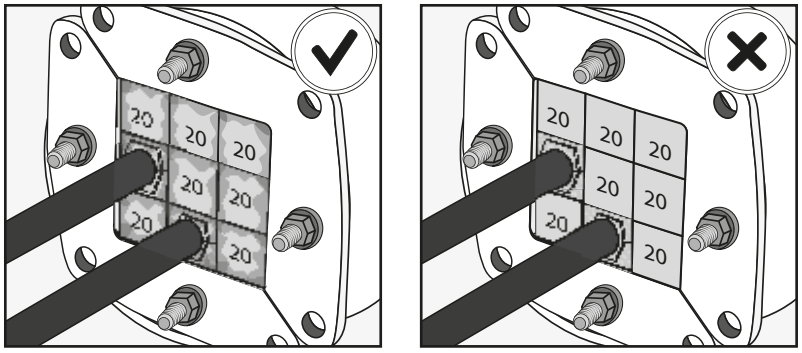
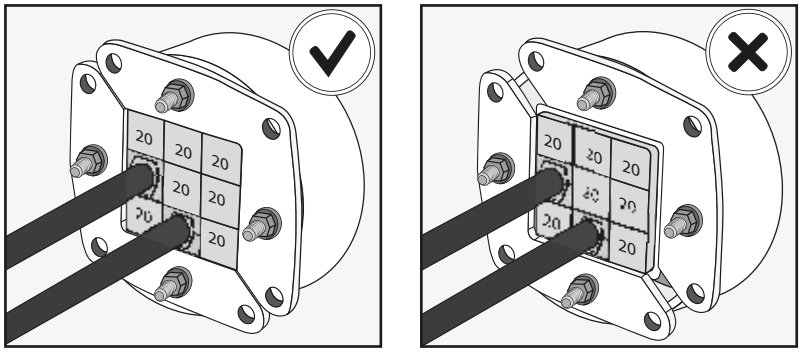
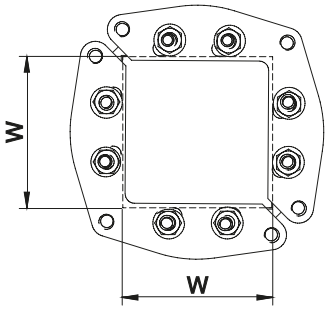
Check that HTS Lubricant has been used during the installation.



Check that front plates have been closed.

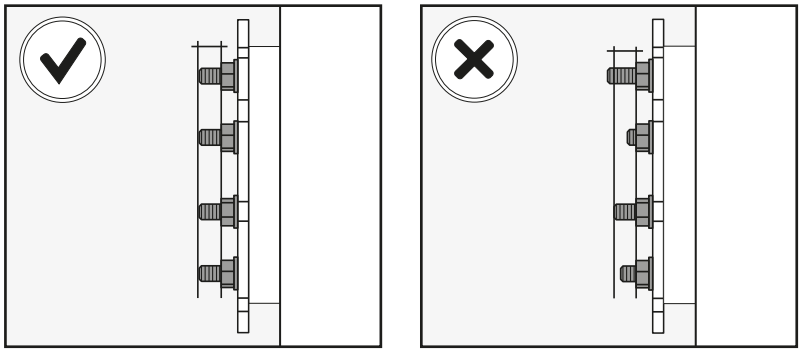


Check that there are sufficient blocks installed into the frame to cover the sealing area defined for each size of frame.



TYPE	SEALING AREA (mm)
HRTO-30	15x15
HRTO-40	20x20
HRTO-50	30x30
HRTO-70	40x40
HRTO-100	60x60
HRTO-125	80x80
HRTO-150	90x90
HRTO-200	120x120

Check that the right tightening of the bolts have been performed (approximately 10 mm of thread on each bolt should protrude from the nut).

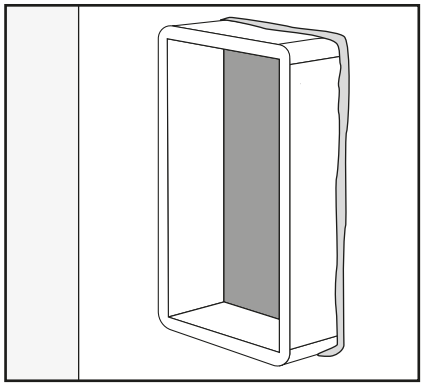


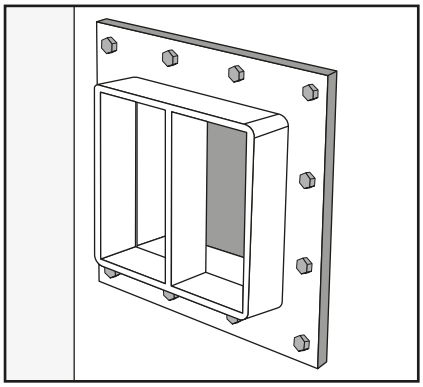
Notes

Leave the system at least 24 hours before apply pressure.

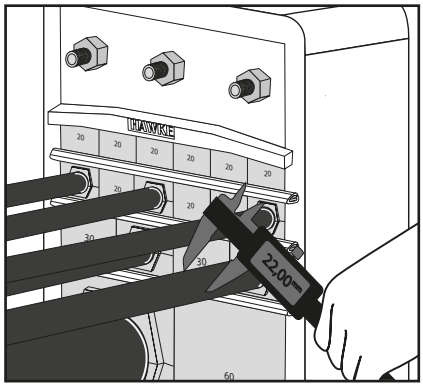
Check that there are sufficient blocks installed into the frame to cover the sealing area defined for each size of frame.

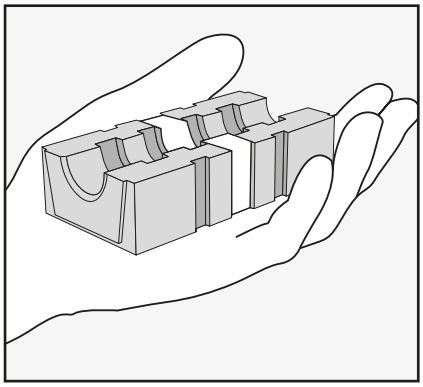
RECTANGULAR EMC installation and inspection checks guidelines:



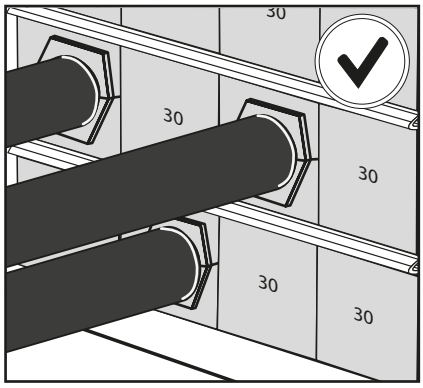


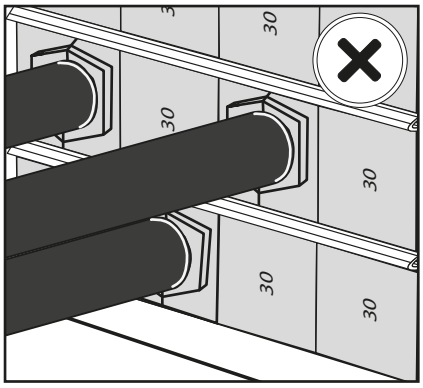
Check that HTS Frame has been used in the installation, that it has been properly installed (welded/bolted) and that it has not mechanical or corrosion damage.



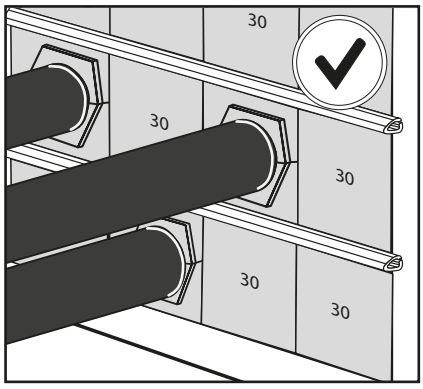


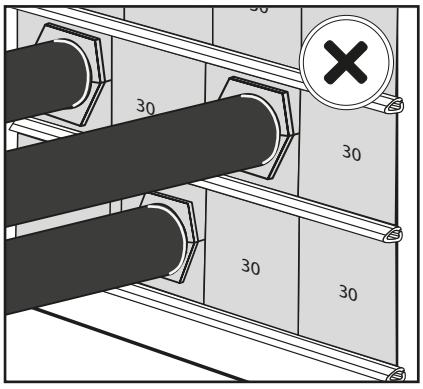
Measure the outer diameter of the cable and ensure that the diameter is within the cable range marked on the front of the block.





Check the correct orientation of the blocks.





Check that there are a stayplate between each row of blocks and there are not stayplate between the bottom row of blocks and the frame.

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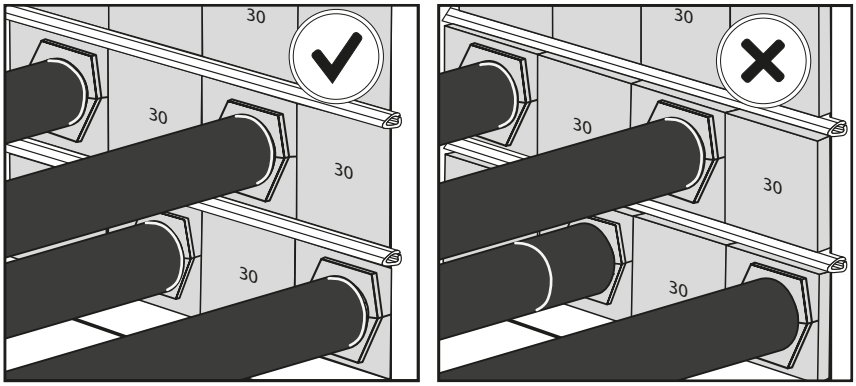
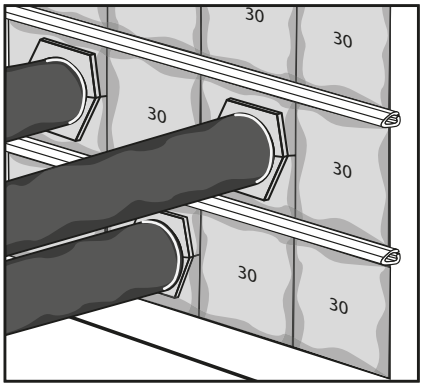
Check that all block are installed in position between the stayplates retention lips.

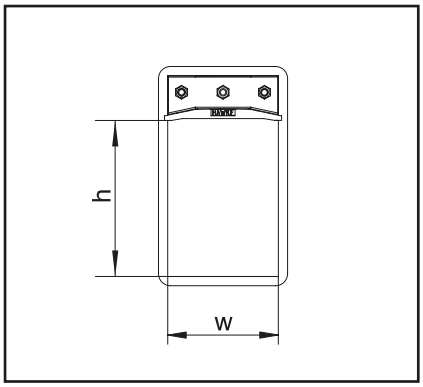
Check that marks in all the cables are visible to be guarantee blocks and cable copper tapes are aligned.



Check that HTS Lubricant has been used during the installation.

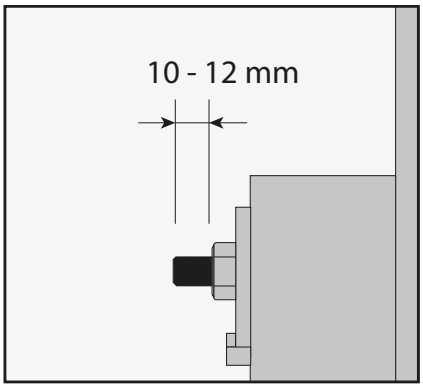


Check that there are sufficient blocks installed into the frame to cover the sealing area defined for each size of frame.



TYPE	SEALING AREA (mm)
HRTO-30	15x15
HRTO-40	20x20
HRTO-50	30x30
HRTO-70	40x40
HRTO-100	60x60
HRTO-125	80x80
HRTO-150	90x90
HRTO-200	120x120

Check that the right tightening of the bolts have been performed (approximately 10-12 mm of thread on each bolt should protrude from the nut).



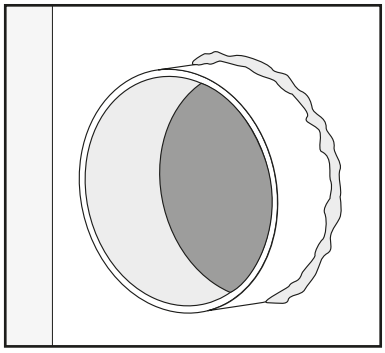
Notes

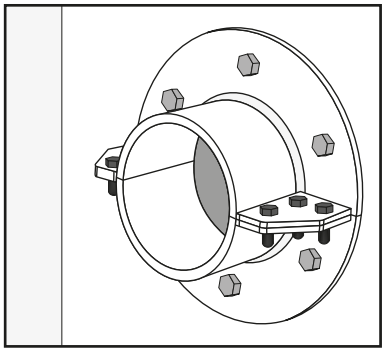
Leave the system at least 24 hours before apply pressure.

If transit application is in excess of 3,5 bar, high pressure stayplates should be used together with an extra 5mm sealing strip.

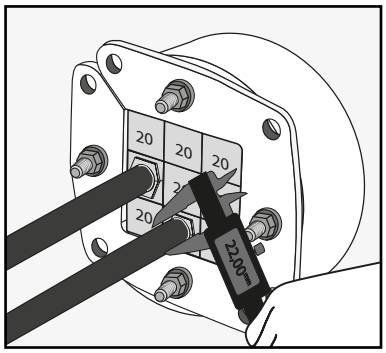
HTS

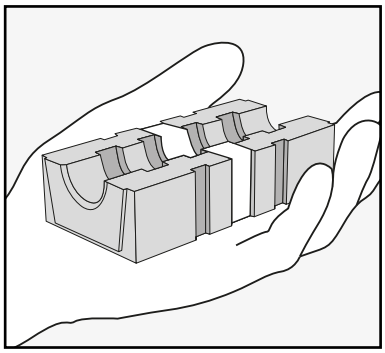
ROUND EMC HRTO/HRT Installation and inspection checks guidelines:



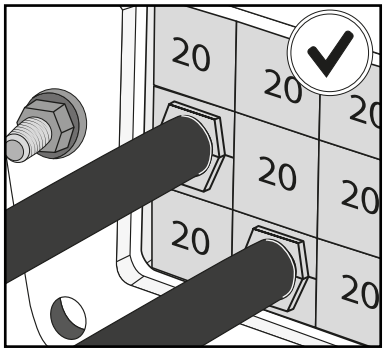


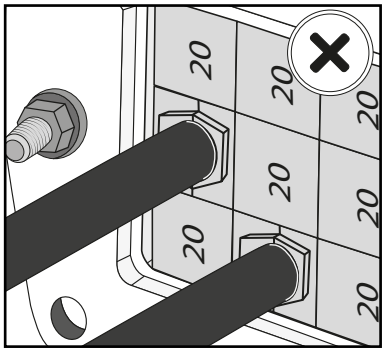
Check that HTS Sleeve has been used in the installation, that it has been properly installed (welded/ bolted) and that is has not mechanical or corrosion damage.



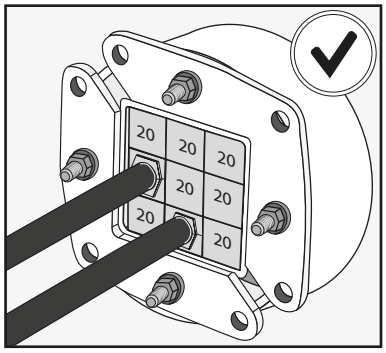


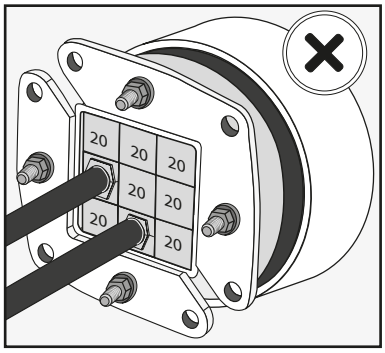
Measure the outer diameter of the cable and ensure that diameter is within the cable/pipe range marked on the front of the block.



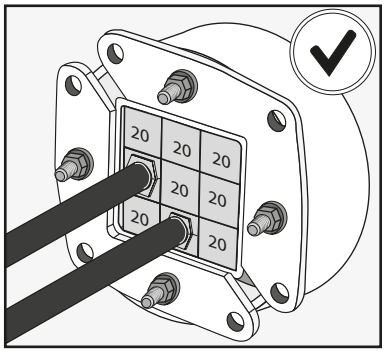


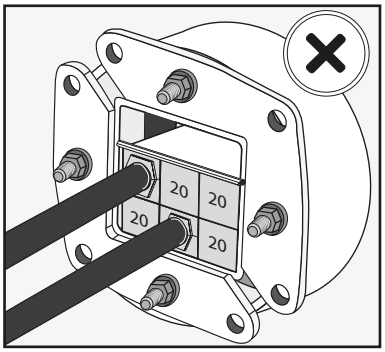
Check the correct orientation of the blocks.





Check that the HRT/HRTO is completely inserted in the Sleeve/Aperture.





Check that stayplates have not be used in the installation.

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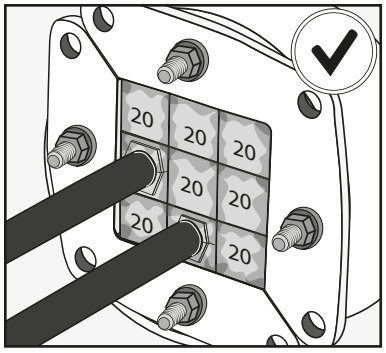
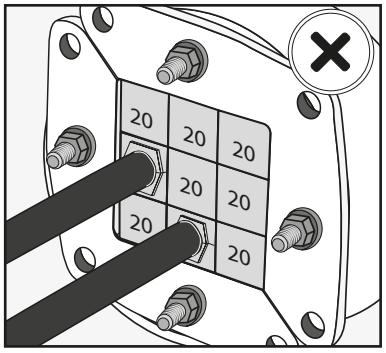
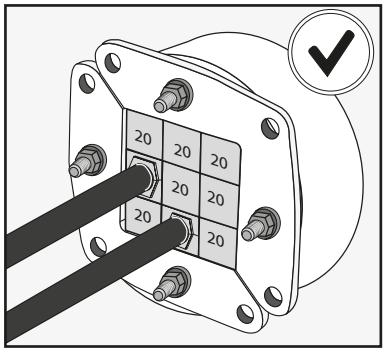
Check that HTS Lubricant has been used during the installation.

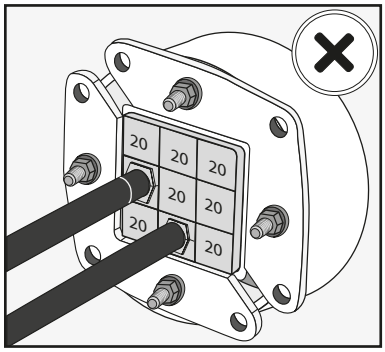




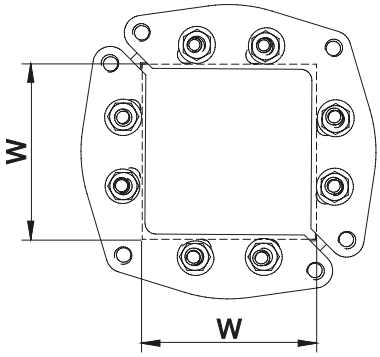
Check that front plates have been closed.

Check that marks in all the cables are visible to be guarantee blocks and cable copper tapes are aligned.



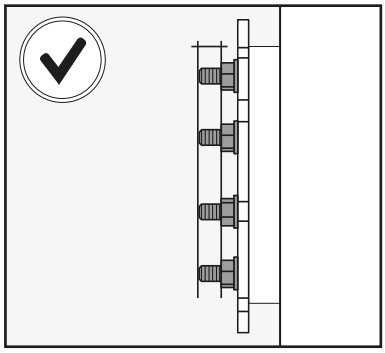


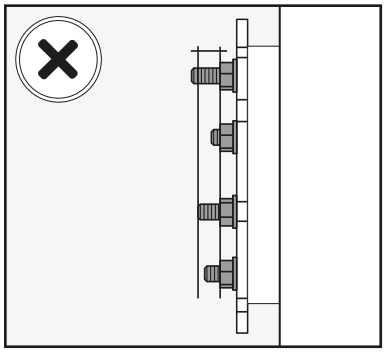
Check that there are sufficient blocks installed into the frame to cover the sealing area defined for each size of frame.



TYPE	SEALING AREA (mm)
HRTO-30	15x15
HRTO-40	20x20
HRTO-50	30x30
HRTO-70	40x40
HRTO-100	60x60
HRTO-125	80x80
HRTO-150	90x90
HRTO-200	120x120

Check that the right tightening of the bolts have been performed (approximately 10 mm of thread on each bolt should protrude from the nut).





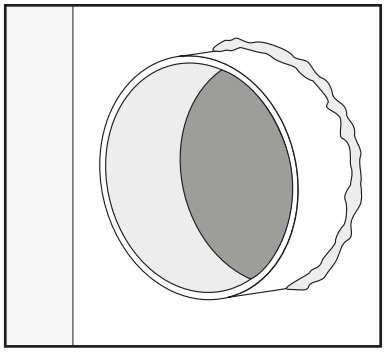
Notes

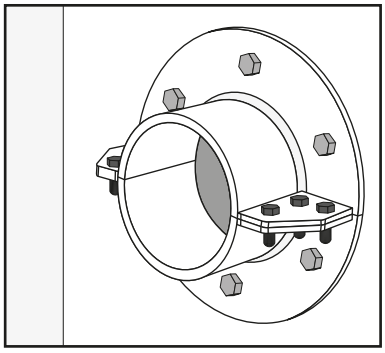
Leave the system at least 24 hours before apply pressure.

Check that there are sufficient blocks installed into the frame to cover the sealing area defined for each size of frame.

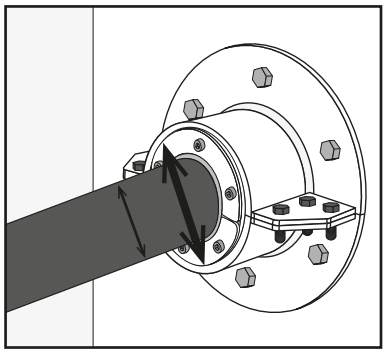
HTS

ROUND HRST STANDARD Installation and inspection checks guidelines:

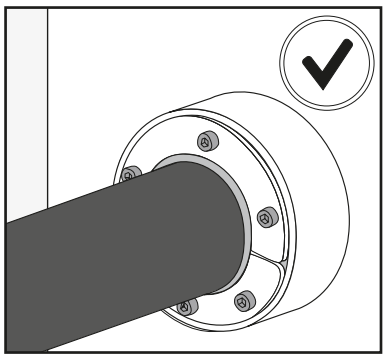


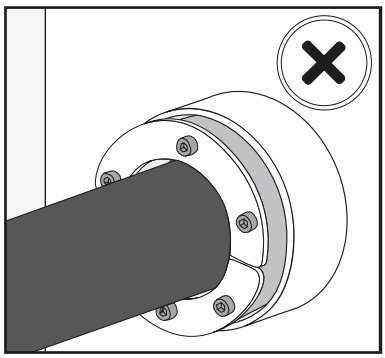


Check that HTS Sleeve has been used in the installation, that it has been properly installed (welded/ bolted) and that is has not mechanical or corrosion damage.

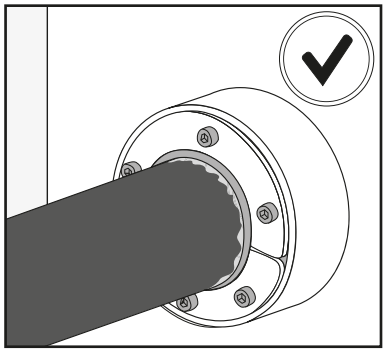


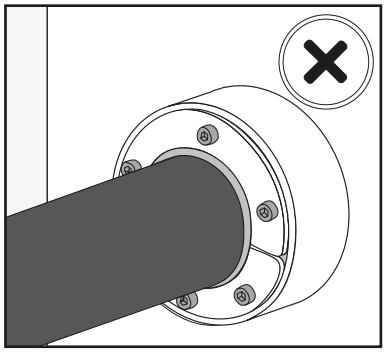
Check the inside diameter of the sleeve and the outside diameter of the cable/pipe to verify that it is within the range of selected HRST.



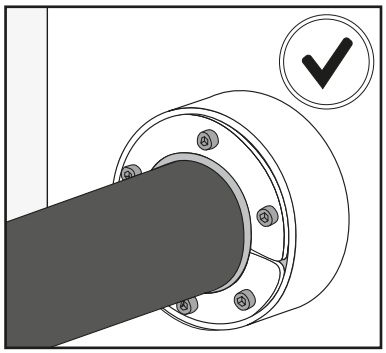


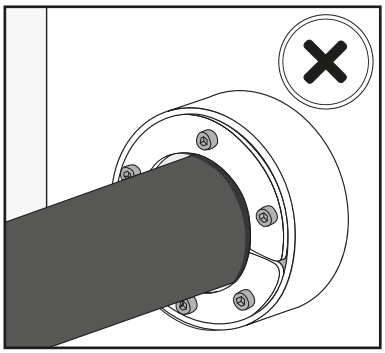
Check that the HRST is completely inserted in the Sleeve/Aperture.





Check that HTS Lubricant has been used during the installation.

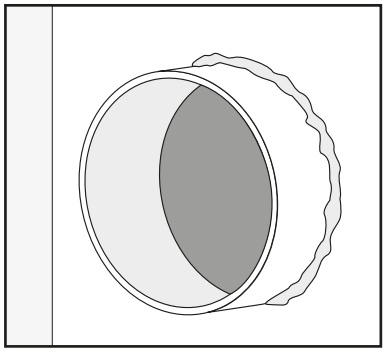


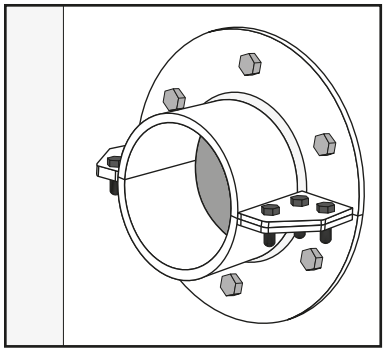


Check that all the bolts has been tightened similarly and do not exist gaps between the cable/pipe and the HRST.

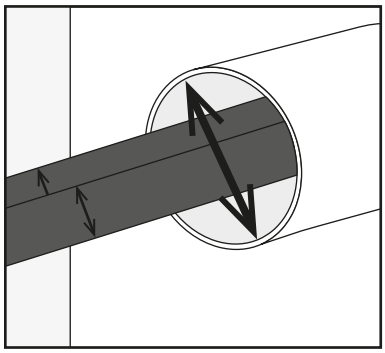
ROUND HRST MULTIHOLE Installation and inspection checks guidelines:

Check that HTS Sleeve has been used in the istallation, that it has been properly installed (welded/ bolted) and that is has not mechanical or corrosion damage.

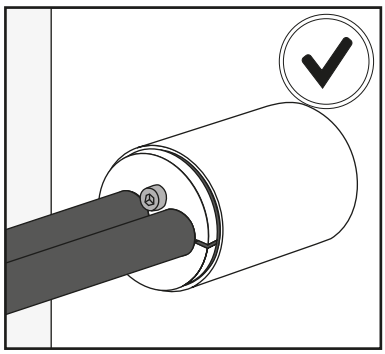


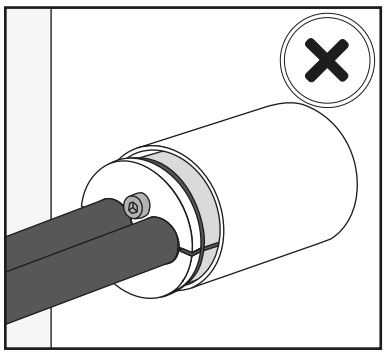


Check the inside diameter of the sleeve and the outside diameter of the cable/pipe to verify that it is within the range of selected HRST.

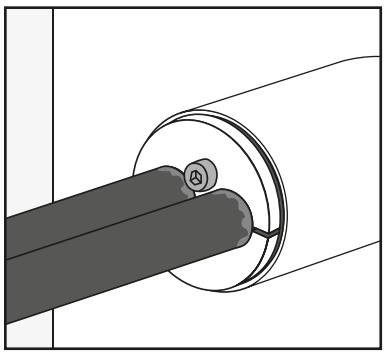


Check that the HRST is completely inserted in the Sleeve/Aperture.

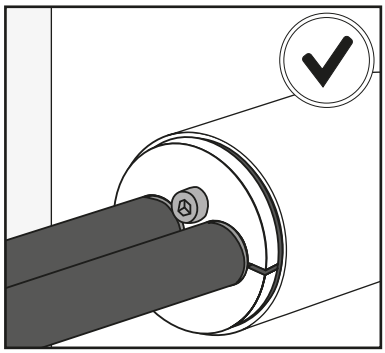


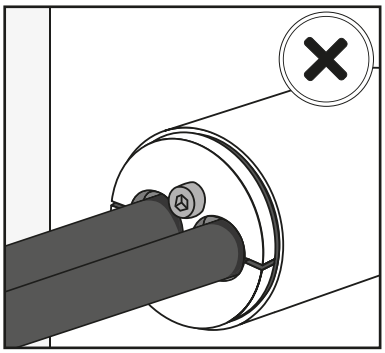


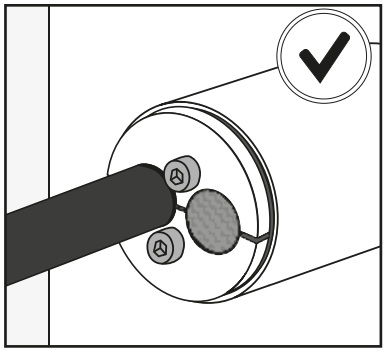
Check that HTS Lubricant has been used during the installation.

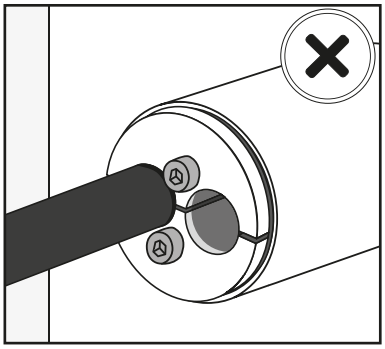


Check that all the bolts has been tightened similarly and do not exist gaps between the cable/pipe and the HRST.









Check that every not occupied HRST holes are plugged with HTS HRST plugs.