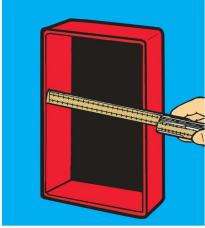


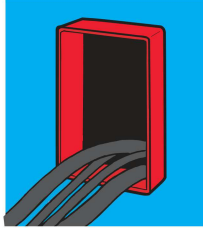
# INSTALLATION GUIDE for IECEx and ATEX

MCT Brattberg Multi Cable Transits of type RGB, RGBO, RGG, RGGO, RGS, RGSF, RGSFB, RGSC, RGSR, RGSK and RGS-btb

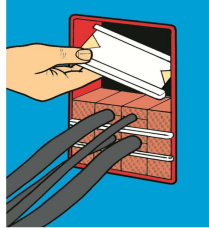
## Vertical installation



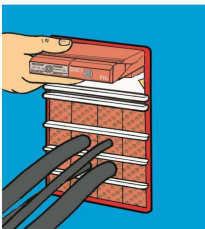
Measure the opening to ensure it conforms with tolerance standards 120,5 mm ( $\pm 0,5$ )



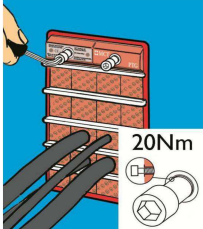
Lubricate the inside of the frame and pull the cables through, placing the largest at the bottom



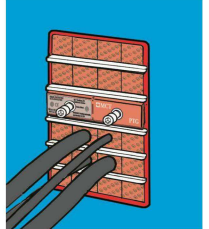
Insert the last two ATEX/Ex stayplates before the last row of blocks.



Install the PTG Presswedge at the top of the frame before the the last row of blocks.

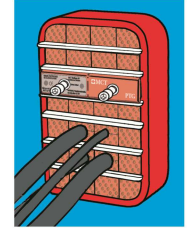
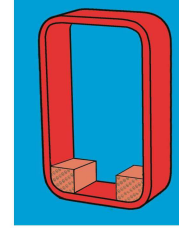


Insert the last row of blocks and tighten the bolts to a torque of 20 Nm.



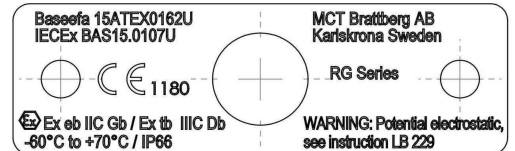
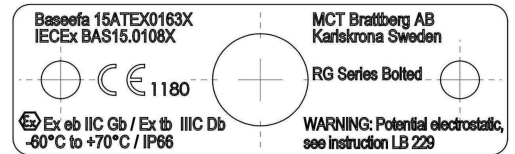
Alternatively the PTG Presswedge can be placed at any position within the frame.

## RGSC frame

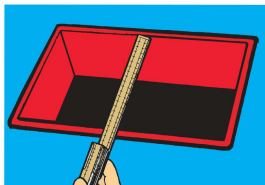


RGSC Frames:

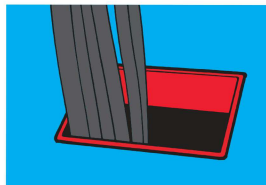
Begin packing using the special corner blocks. Place the PTG Presswedge anywhere within the frame, except at the top or bottom.



## Horizontal Installation



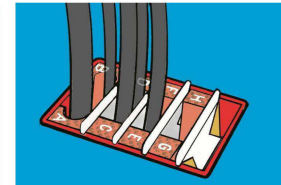
Measure the opening to ensure it conforms with tolerance standards 120,5 mm ( $\pm 0,5$ )



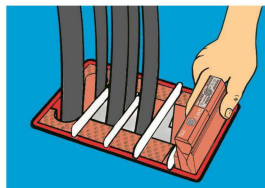
Lubricate the inside of the frame and pull the cables through, placing the largest at one end.



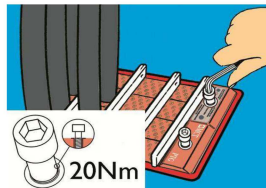
Gravity makes it necessary to use the stayplates to hold the insert blocks in place. Therefore, place the stayplates of ATEX/Ex type in the frame first.



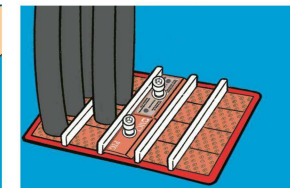
Insert the outer blocks (A, B, C etc). The block A should be turned 90° as shown in the sketch.



Install the PTG Presswedge in the frame and pre tighten to secure the blocks. Insert the remaining blocks.



Tighten the bolts to a torque of 20 Nm.



The PTG Presswedge can be placed at any position within the frame.

### "Conditions of Use" for Ex Equipment or "schedule of Limitations" for Ex Components, if any:

These transits are suitable for use within an operating temperature range of -60°C to +70°C.

The blocks must be assembled using the manufacturers supplied tallow lubricant which must be applied to all faces of the sealing blocks prior to assembly.

The transits are only for use with circular cables and circular pipes.

The assembled frame and cables shall be left for a period of 48 hours prior to the installation being energised.

When the frame is used for increased safety or dust protection, the frame shall be suitably sealed (in accordance with IEC 60079-14) to maintain the ingress protection rating of the associated enclosure)

The fasteners of all variants shall be torqued up to 20 Nm.

Non-metallic surfaces shall be protected from electrostatic charging hazards (propagating brush discharges and/or rubbing)

Cables or pipes used with the block size range 120/92 to 120/110 shall be additionally clamped to ensure that pulling or twisting is not transmitted to any connections.