



TECHNOLOGY IN MOTION



Crank openers

Window shutters are a decisive and popular element in facade design and at the same time have an important function. They provide shade, darken rooms, defy wind and rain and protect against unwelcome guests. It is very practical if such all-rounders can be operated easily from the inside of the house, without having to open the window to do so: as with the optimised performance of MACO crank openers.

MACO RUSTICO SHUTTER FITTINGS



Crank opener: air and water-tight

Within the framework of the increasing importance of thermal insulation and air impermeability in the construction industry, the term "leakage points" is cropping up more and more in the structural engineering arena (Catchphrase: "Blower door test"). The new generation of crank openers are proven to give a high-quality seal. As always, a rotary arm as well as hinges can be used for the transmission of power to the shutter sash. The internal hole diameter in the frame is 12 mm on both timber and PVC (on the inside).



Insert the crank operator into the device on the inside to open and close the shutter!

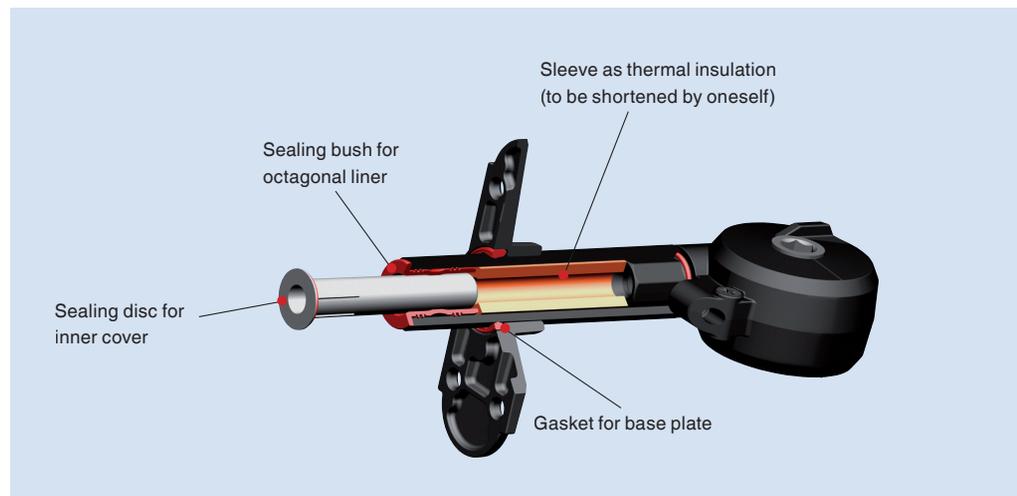


MACO
RUSTICO



Advantages

- Air and water-tight
- Suitable for use with hinges or rotary arms
- Ø 12mm (interior) drill hole
- Optimised sealing effectively prevents a build-up of condensation
- Less heat loss
- Cost savings thanks to the 2 sizes



Fabricator benefits:

- Improved security against twisting the crank opener under load (octagonal liner)
- Excellent sealing properties
- Simplified ordering system: only 2 sizes, applicable for both timber and PVC, applicable for rotary arms and crank opener hinges
- The crank opener can be easily shortened to the required length
- No shutter catches or shutter locks required

End user benefits:

- Convenient operation
- Protection against draught, driving rain and condensation
- Less heat loss

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