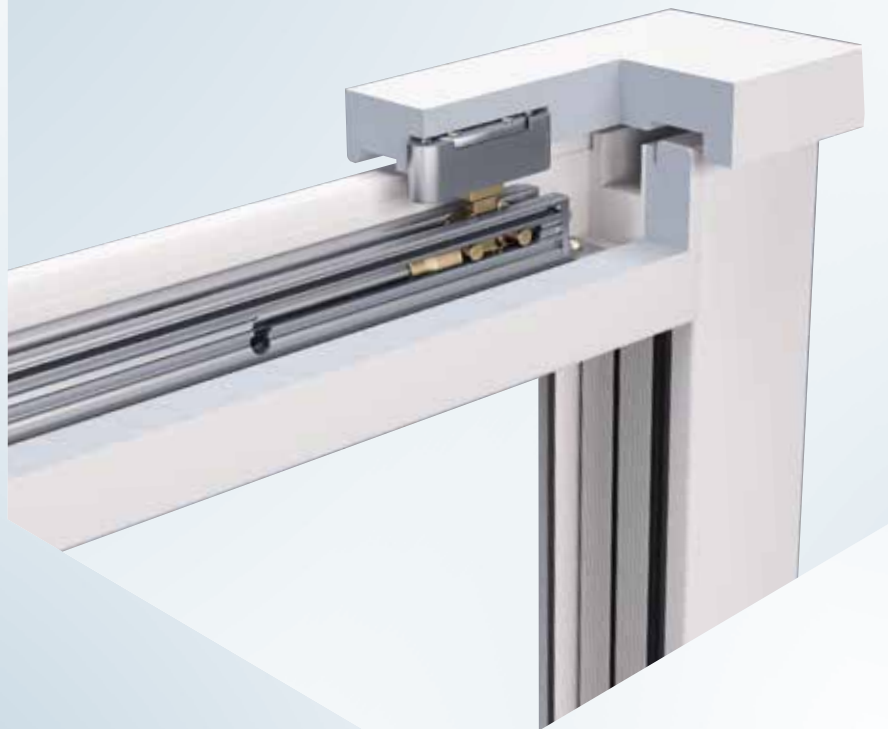


ORDERING TOOL / MOUNTING INSTRUCTIONS

HS comfort close concealed arrangement

Guide track universal low timber



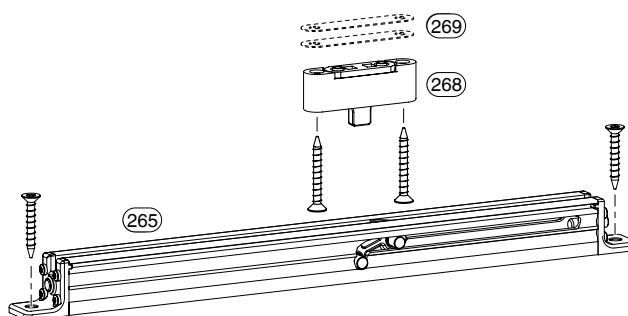
Use
exclusively for specialists!



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Fittings overview



Pos.	Description
(265)	Comfort Close
(268)	Frame piece
(269)	Packer frame piece

Screws are not included in scope of delivery. Respective specifications represent a recommendation, only.

Note: All measurements in this document are indicated in millimetres.

Items required for scheme

A	D	C	F	G	H	Article description	Item Code
1	1 ^{y)}	1 ^{y)}	1 ^{y)}	1	1 ^{y)}	Comfort Close (265) ^{z)} size 1 ≤ 200 kg sash weight ≤ 30 N Sliding force	300359
							size 2 > 200 ... 300 kg sash weight ≤ 50 N Sliding force
1	1 ^{y)}	1 ^{y)}	1 ^{y)}	1	1 ^{y)}	Frame piece concealed arrangement B = 13 mm 19 mm Comfort Close Silver (268)	300380
x)	x)	x)	x)	x)	x)	Cover concealed arrangement for frame piece Comfort Close (no ill.)	300432
x)	x)	x)	x)	x)	x)	Packer concealed arrangement NB = 12 mm 0.5 mm for frame piece Comfort Close (269)	302323

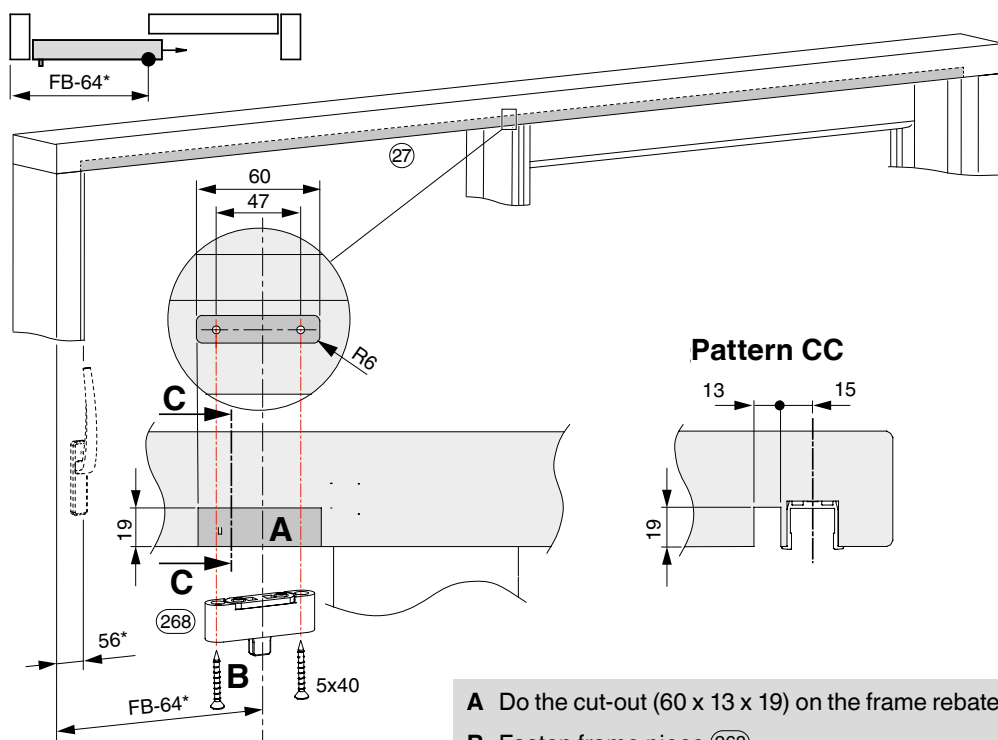
^{x)} optional

^{y)} per sliding sash

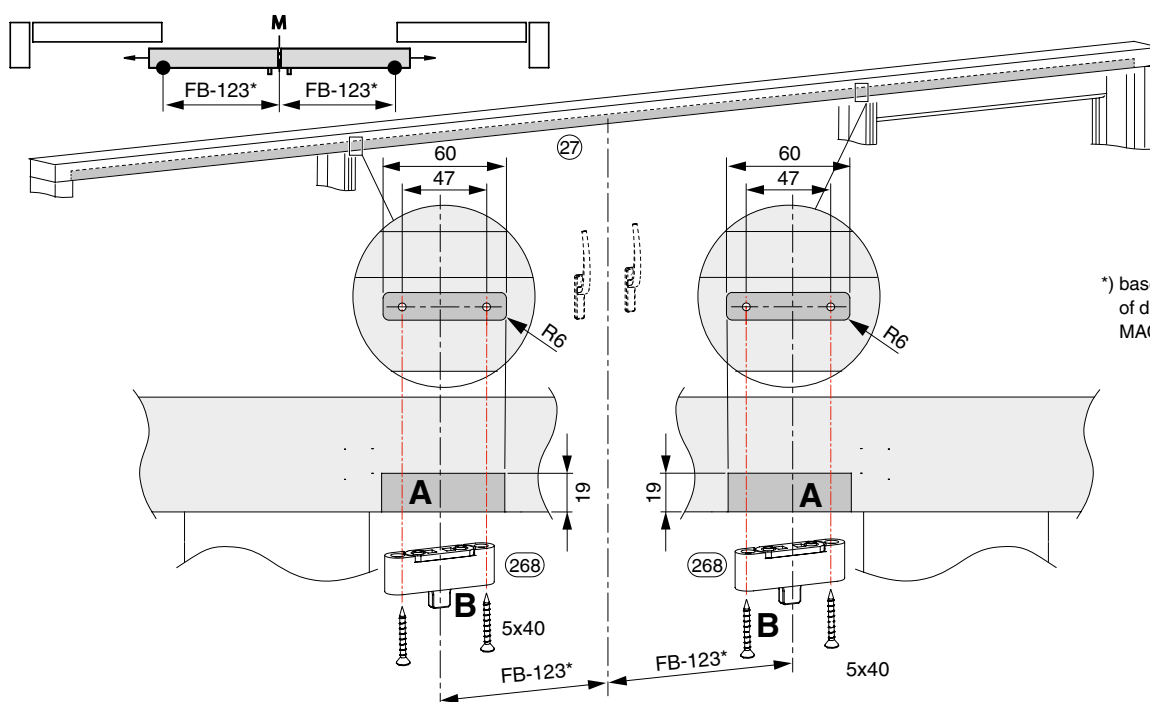
^{z)} Colour of damper: size 1 - black, size 2 - silver-grey

Preparation frame

Example: scheme A and C



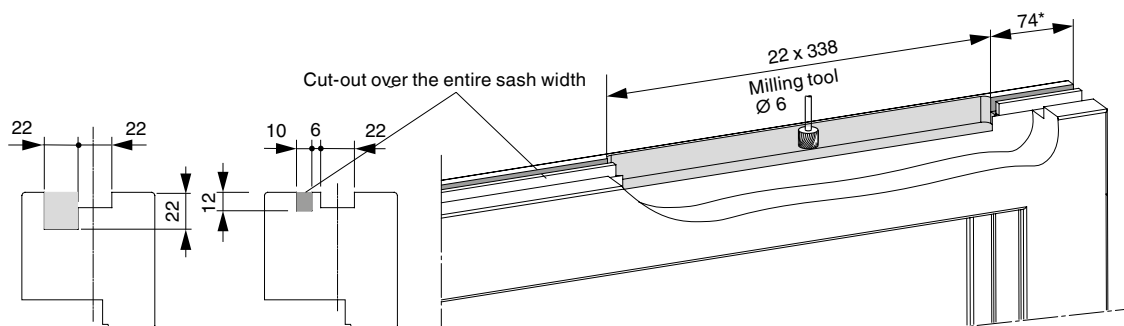
- A** Do the cut-out (60 x 13 x 19) on the frame rebate.
- B** Fasten frame piece (268).



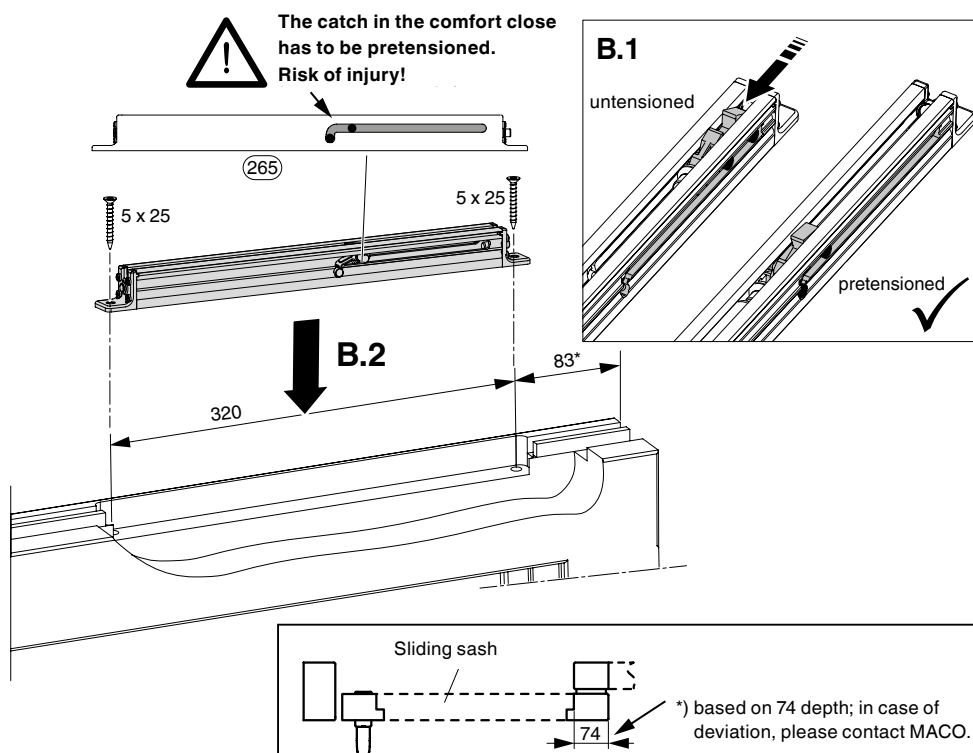
*) based on 56 frame; in case of deviation, please contact MACO.

Preparation sash

- A** Carry out sash milling on non-handle side.
- B** Comfort close (265) has to be pretensioned. Mount the comfort close with 2 screws 5 x 25.



Mounting position

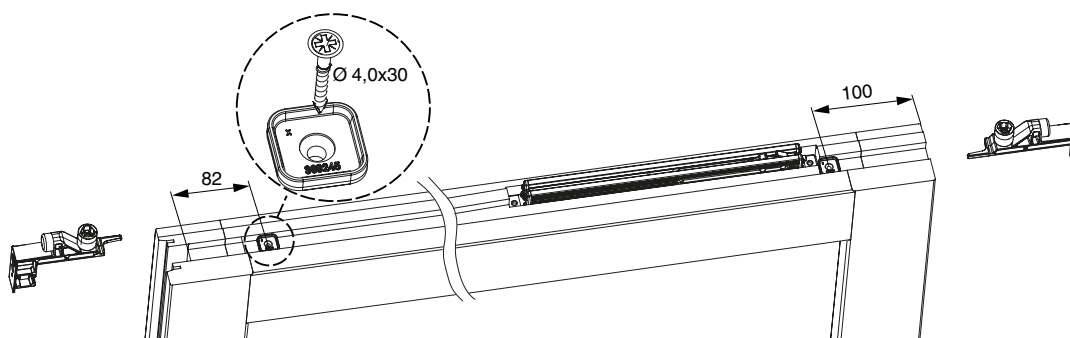
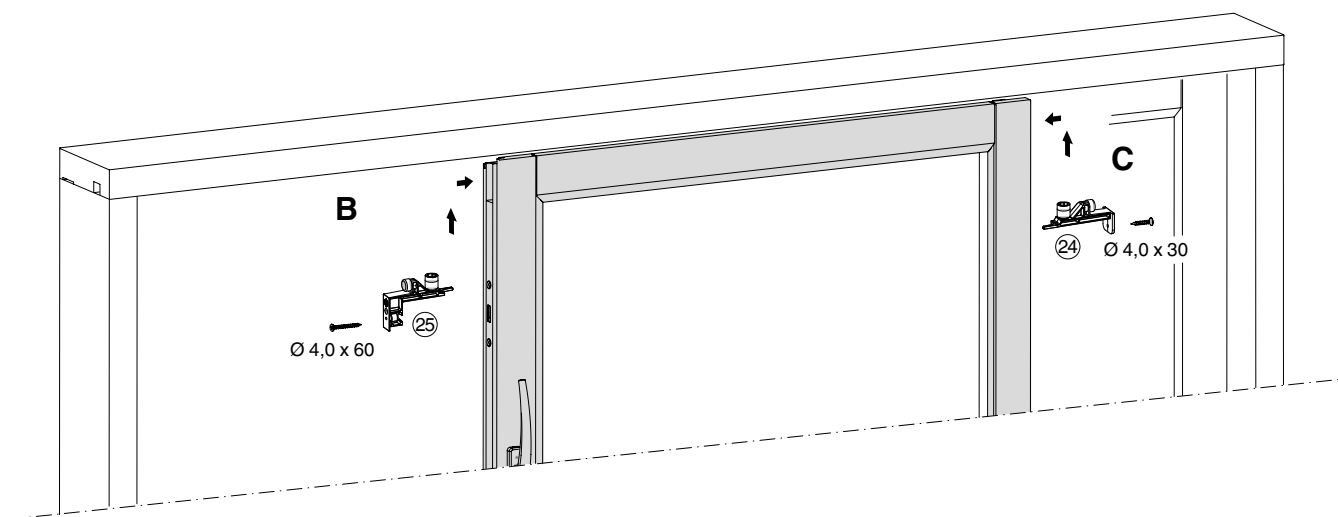
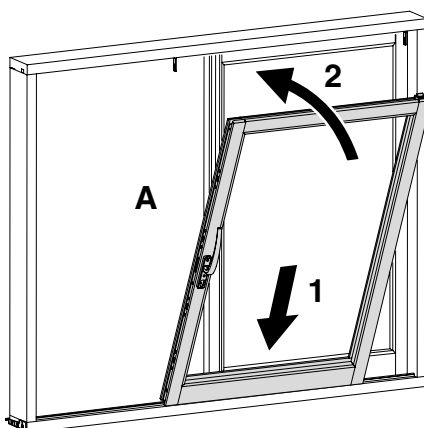


Mounting sash and frame

- A** Set down the sliding sash onto the running track and swivel it into the element.
- B** Put guide top (25) and slide into sash groove. Fasten with screws $\text{\O} 5 \times 60$.
- C** Put rear guide block (24) (non-handle side) and slide into sash groove. Fasten with screws $\text{\O} 4 \times 30$.



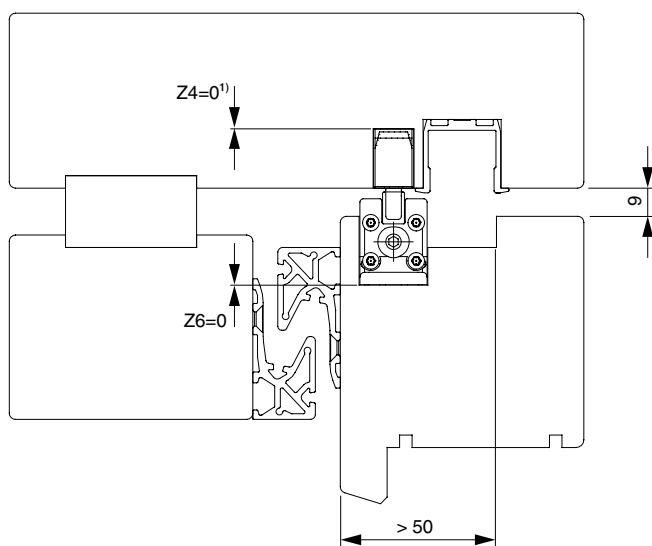
Attention: Risk of injury due to fallen sash! To avoid the risk of injury, perform the following steps with two workers.



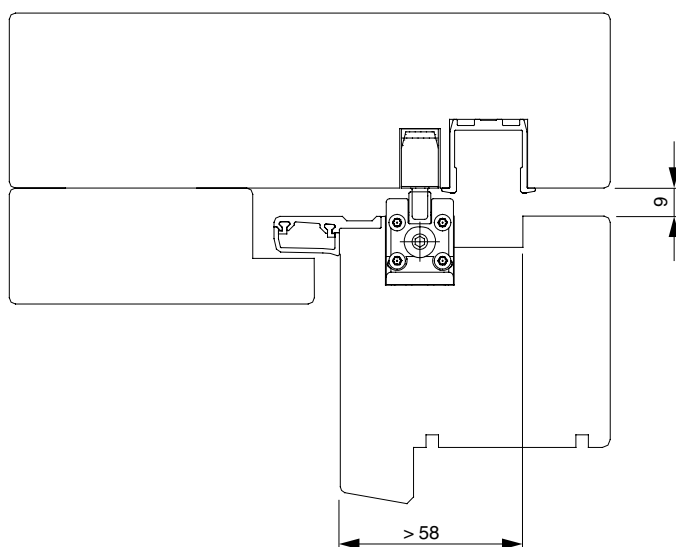
Reference dimension

- To check the height of the frame piece, swivel in the sash, lift it and slide into closing position.
- Measure reference dimension within the range of the Comfort Close (desired value = 9 mm).
- Lift the sash out, if necessary, and compensate deviation to the reference dimension with packers frame piece (269).

raised position



raised position



Adjustment option

In case of inaccuracy concerning position of the frame piece, the end position of the sash related to the frame can be adjusted.

Put allen key size 3 through the groove 6 x 4 mm into the adjusting screw.

L (counter-clockwise rotation):

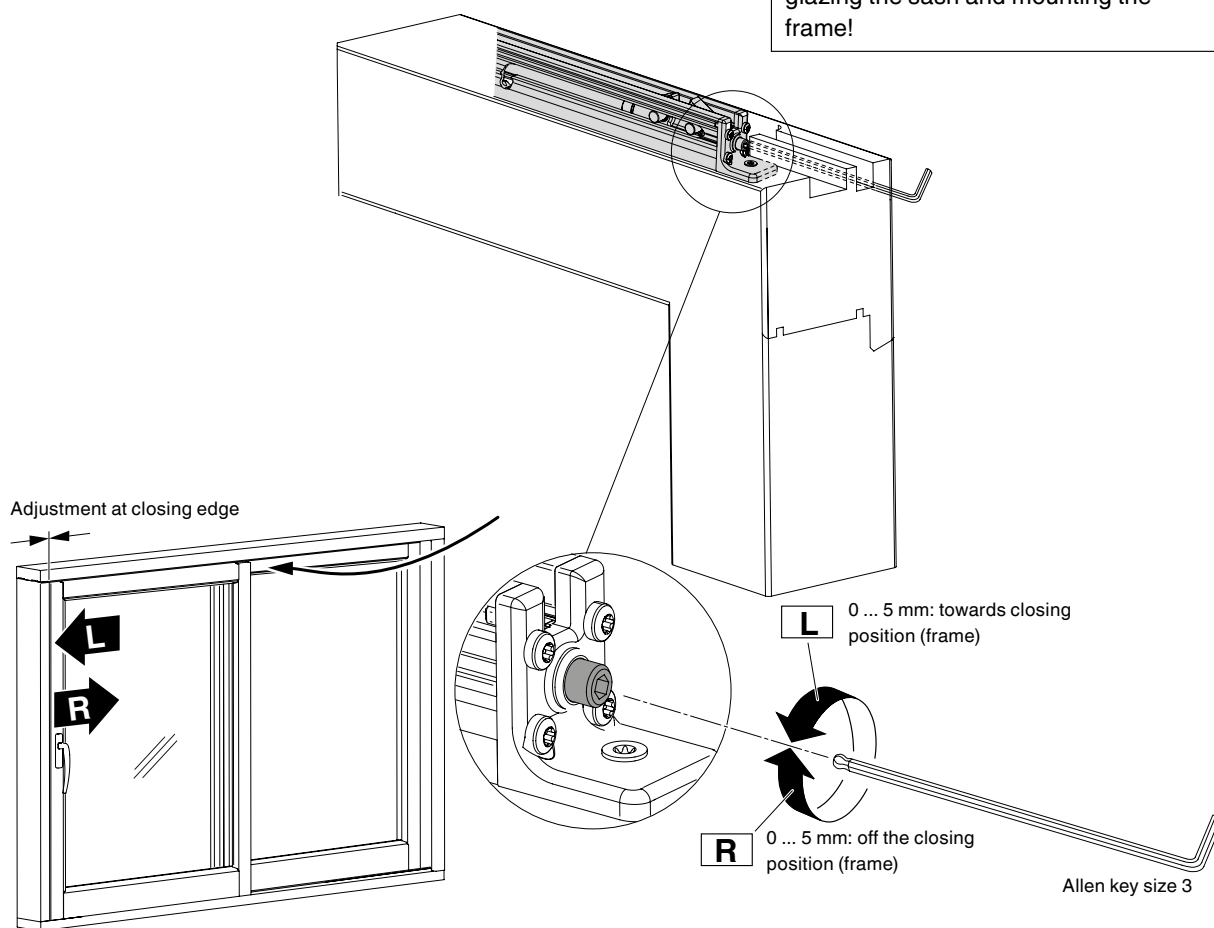
closing of sash will be shifted in direction of handle side (0 ... 5 mm).

R (clockwise rotation):

closing of sash will be shifted in direction of non-handle side (0 ... 5 mm).

Note:

Adjustments may be changed after glazing the sash and mounting the frame!



Technical data

Range of application scheme A:

Sash width (FB)	720 – 3385 mm
FBmin. for 2x comfort close	1000 mm
Sash height (FH)	745 – 2870 mm
Outer frame width (RAB)	6500 mm
Sash weight or sliding force without comfort close	size 1: max. 200 kg or max. 30 N size 2: max. 300 kg or max. 50 N

Depending on version of the profile sealing to be used, it can happen, that the sash cannot close completely.

Relevant dimensions comfort close (H x T)	27,5 mm x 22 mm
Soft move-in	starting approx. 100 mm off the closing edge
Increase of sliding force with comfort close	size 1: um 25 N (black) size 2: um 45 N (silver-grey)

Range of application is depending on used profile systems. Specifications of profile manufacturers to be observed.



Notes

A large rectangular area filled with a fine grid pattern, intended for taking notes.



Notes

A large rectangular area filled with a fine grid pattern, intended for taking notes.

**MACO
RAIL-SYSTEMS**



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