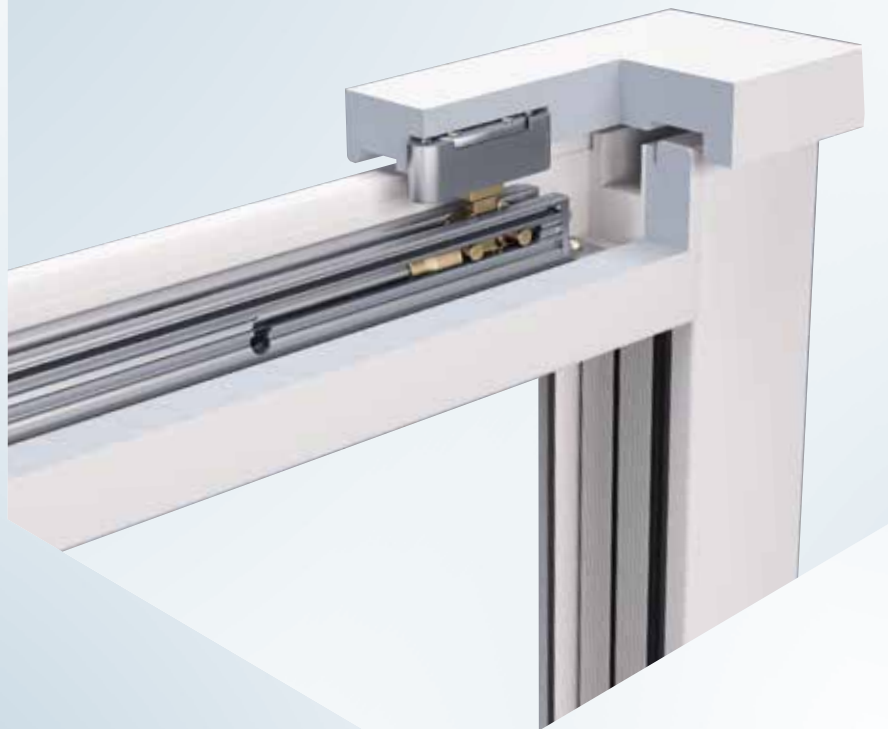


ORDERING TOOL / MOUNTING INSTRUCTIONS

HS comfort close concealed arrangement

Guide track universal low timber



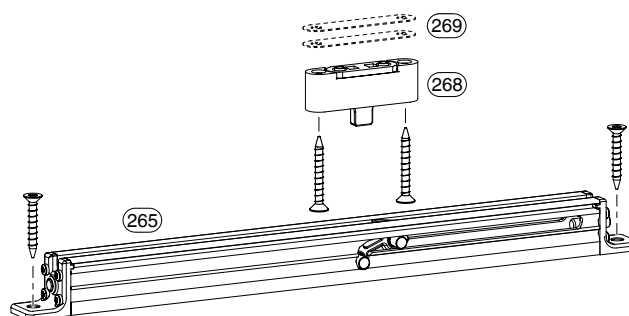
Use
exclusively for specialists!



Table of Contents

Description	Page
Fittings overview	3
Preparation frame	4
Preparation sash	5
Mounting sash and frame	6
Reference dimension	7
Completion of guide track	7
Adjustment option	8
Technical data	9

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	C	Article description	Item Code
1	1 ^{y)}	size 1 ≤ 200 kg sash weight ≤ 30 N Sliding force	300359
		size 2 > 200 ... 300 kg sash weight ≤ 50 N Sliding force	300360
1	1 ^{y)}	Frame piece concealed arrangement B = 13 mm 19 mm Comfort Close Silver (268)	300380
x)	x)	Cover concealed arrangement for frame piece Comfort Close (no ill.)	300432
x)	x)	Packer concealed arrangement NB = 12 mm 0.5 mm for frame piece Comfort Close (269)	302323

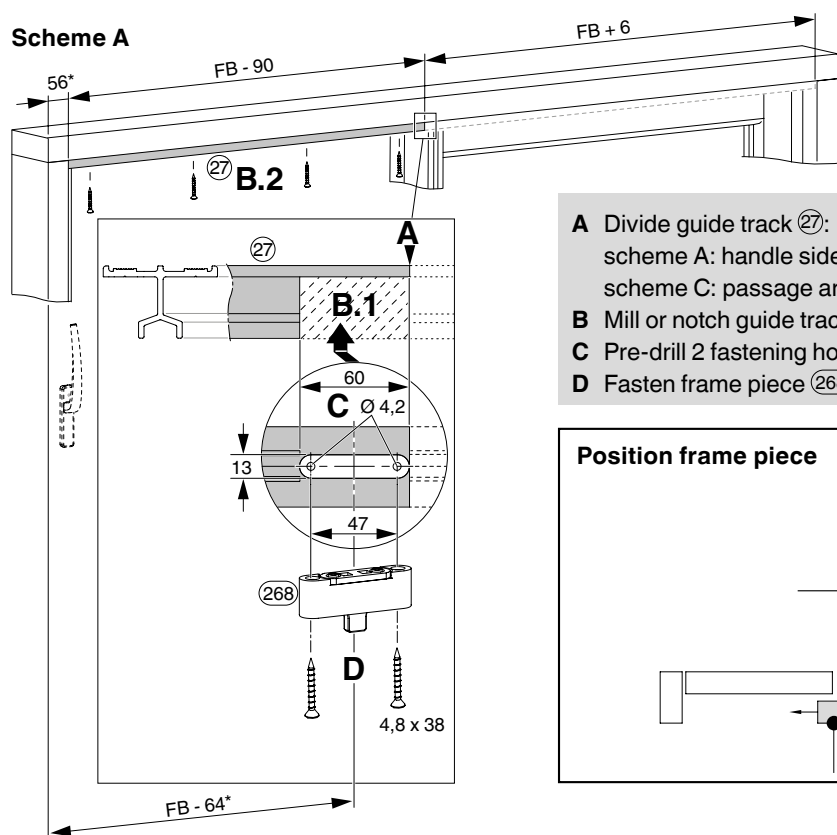
x) optional

y) per sliding sash

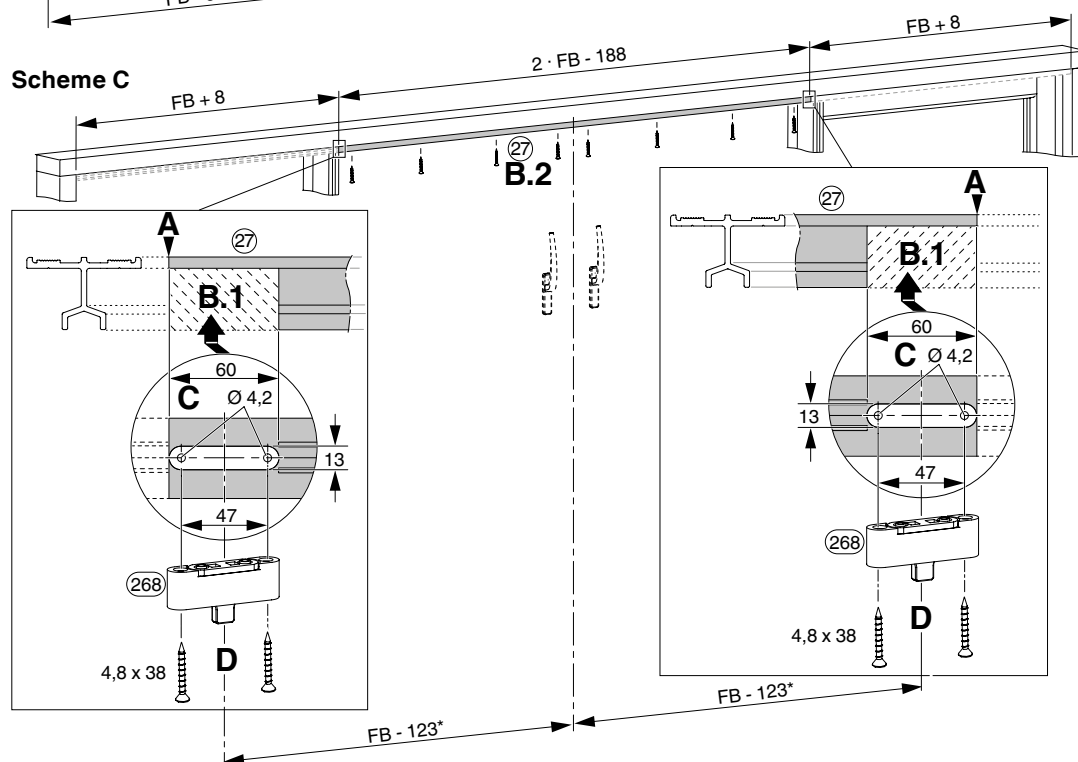
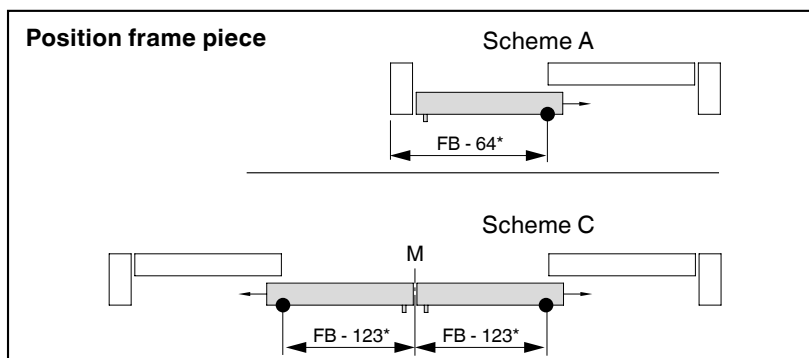
z) Colour of damper: size 1 - black, size 2 - silver-grey

Preparation frame

Example: scheme A and C



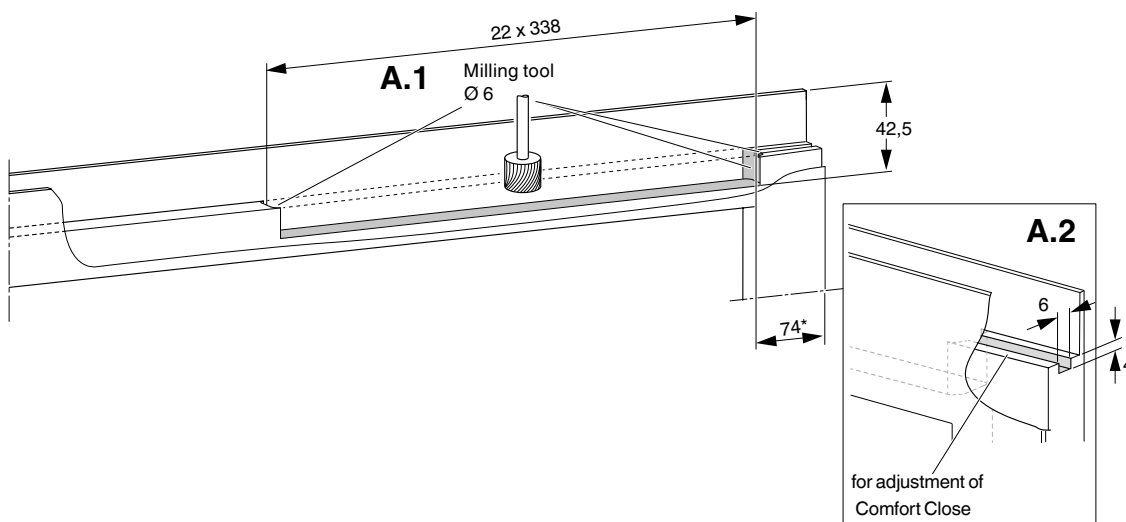
- A** Divide guide track (27):
 scheme A: handle side: FB - 90 mm, fixed sash side: FB + 6.
 scheme C: passage area: 2.FB - 188, fixed sash: FB + 6.
- B** Mill or notch guide track on handle side for frame piece and fasten it.
- C** Pre-drill 2 fastening holes Ø 4,2.
- D** Fasten frame piece (268).



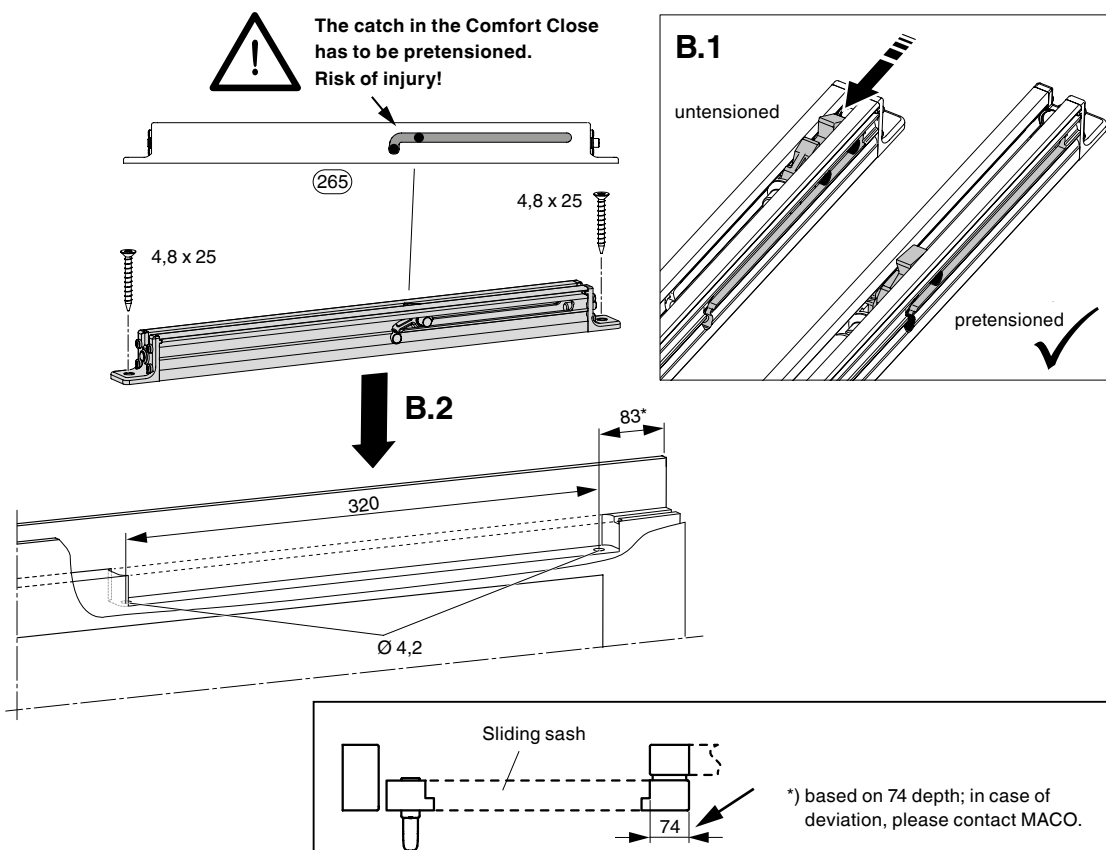
*) based on 56 frame; in case of deviation, please contact MACO.

Preparation sash

- A** Carry out sash milling on non-handle side. Mill groove 6 x 9 mm for adjustment of Comfort Close.
- B** Comfort Close (265) has to be pretensioned. Mount the Comfort Close with 2 screws 4.8 x 25.



Mounting position

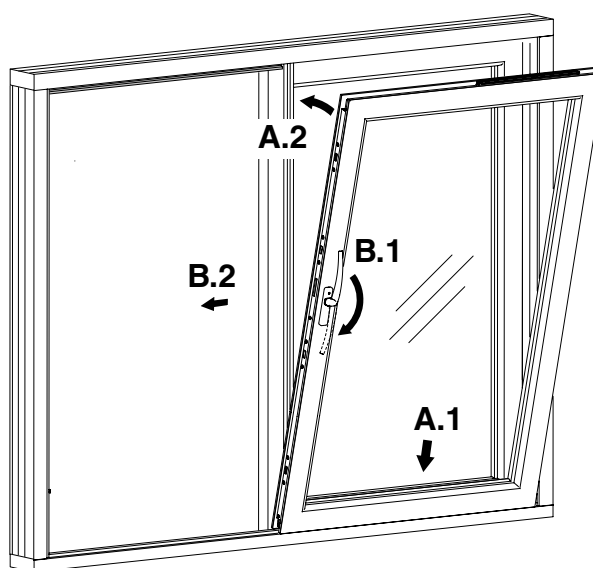


Mounting sash and frame

- A** Set down the sliding sash onto the running track in the area of the fixed sash and swivel it into the element
- B** Bring handle into „Open“ position and slide the sliding sash to the transit area.

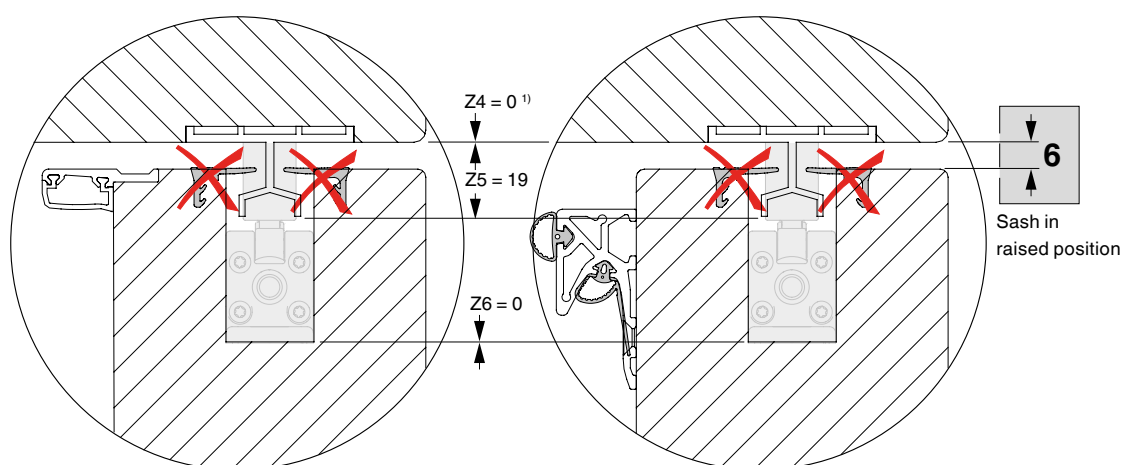


Attention: Risk of injury due to fallen sash! To avoid the risk of injury, perform the following steps with two workers.

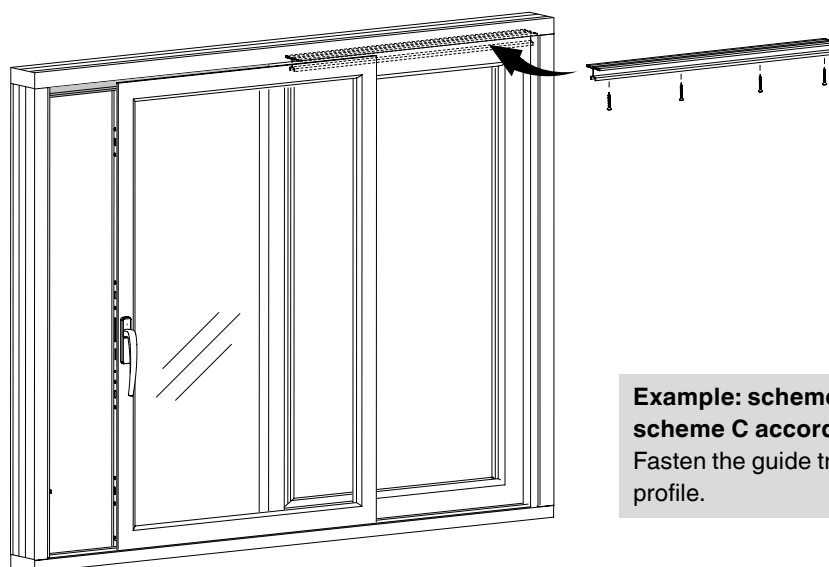


Reference dimension

- 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 = 6 mm).
- Lift the sash out, if necessary, and compensate deviation to the reference dimension with packers frame piece (269).
- Fasten guide track on fixed sash side.



Completion of guide track



**Example: scheme A;
scheme C accordingly**
Fasten the guide track at frame profile.

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.

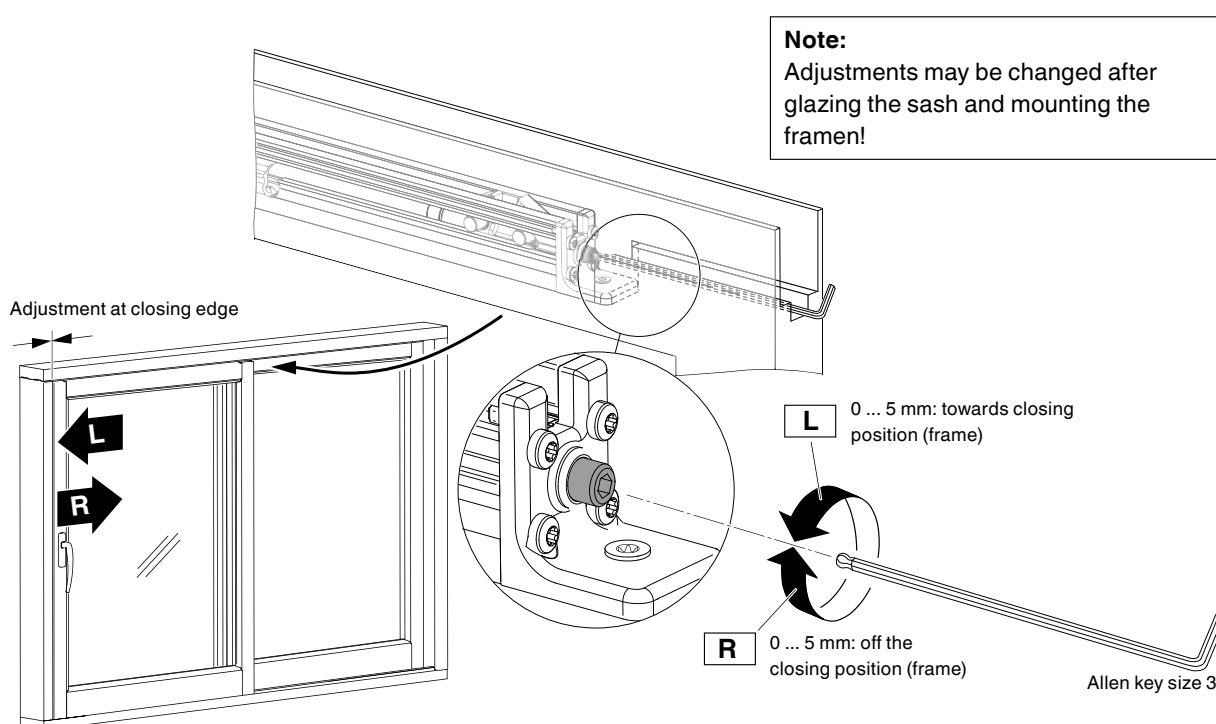
Put allen key size 3 through the groove 6 x 9 mm into the adjusting screw.

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).



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.

Relevante Abmessungen 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: by 25 N (black) size 2: by 45 N (silver-grey)

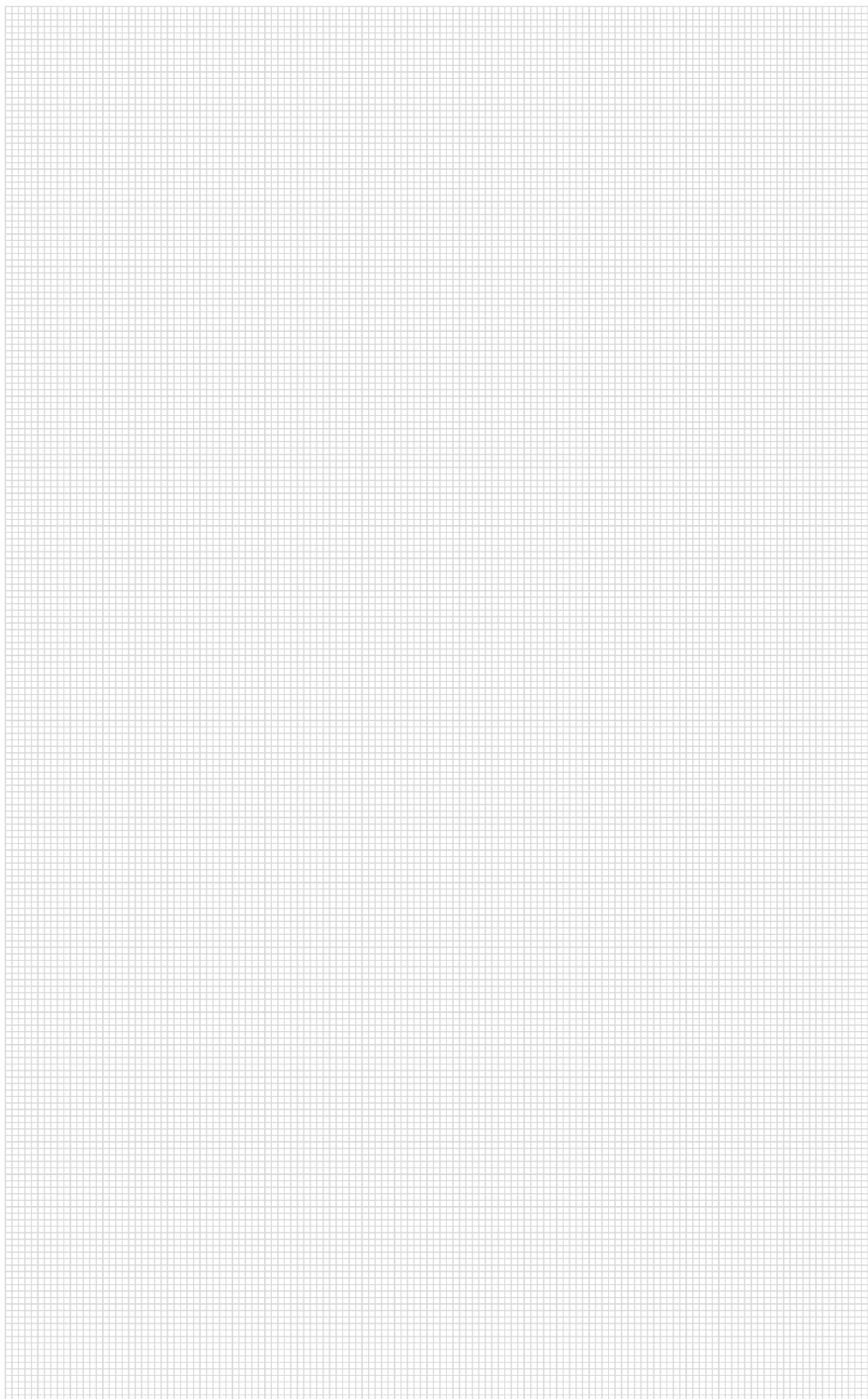
Range of application is depending on used profile systems. Specifications of profile manufacturers to be observed.



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 of light gray lines, intended for taking notes.

**MACO
RAIL-SYSTEMS**



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