

SLIDO D-FOLD21 50B FOLDING DOOR SYSTEM

For wooden folding doors, space saving 1.5 door version.

2



With butt hinge (plus magnet for door alignment)



Corner suspension

Note

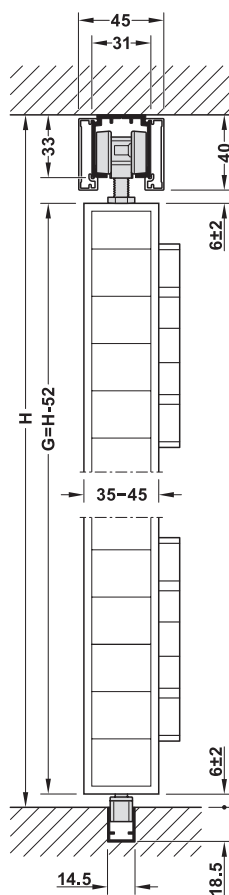
Please see installation instructions for exact calculation of door width and required door preparation details.

The number of butt hinges depends on the door height.

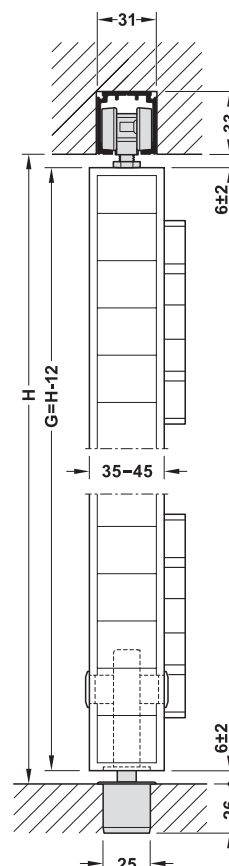
With the **corner suspension variant** with butt hinge, systems must generally be planned with a bottom guide track. Exceptions are systems with max. 2 door leaves on both sides, which can also be designed without a bottom guide track.

For the **centre suspension variant**, there is the option of using a bottom track or not. In the variant without a bottom guide track, we recommend setting the gap dimension between the floor and the lower edge the door to 6–8 mm, since the pair of doors could otherwise come into contact with the floor because of the slightly swinging folding movement if the gap dimension is too small.

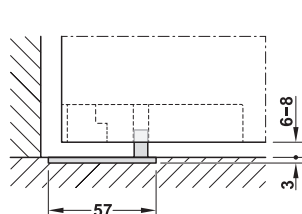
- > Range:
 - Door weight: ≤ 50 kg
 - Door height: ≤ 2500 mm
 - Door thickness: **35 – 45 mm**
 - Door width: **350 – 650 mm**
- > For corner and centre suspension
- > Space-saving 1.5-door variant up to a maximum folding element width of 1200 mm
- > Butt hinge on vertical door edge
- > Note on door width: For the 1.5-door variant, the **folding element width** is ≤ 1200 mm at ≤ 80 kg weight, the revolving door width is ≤ 800 mm
- > Internal opening width: Single-sided system 4 m, Double-sided system 8 m
- > Max. number of door leaves: 5.5 (centre suspension) or 6 (corner suspension) per side
- > Adjustment facility: Height ± 2 mm
- > Finish: Running, guide tracks and panels: Aluminium silver
- > Space-saving 1.5-door variant up to a maximum folding element width of 1200 mm



For corner and centre suspension, bottom: with floor guide for corner and centre suspension

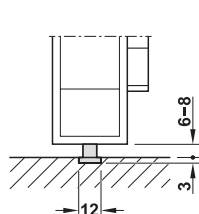


For corner and centre suspension, bottom: with optional floor lock in floor socket (optional, possible in bottom track)



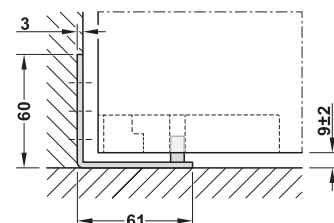
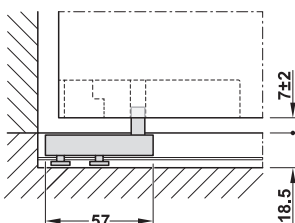
Bottom pivot bearing

Recessed, without bottom track (only for centre suspension)



Bottom pivot bearing

in bottom track

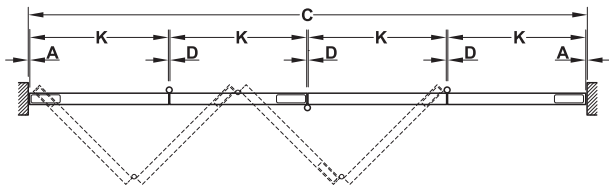


Optional: angular pivot bearing

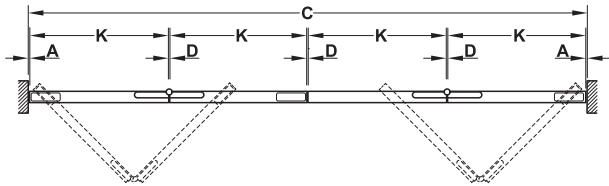
For integrated wall mounting (only for centre suspension)

Calculation of door width

Corner suspension



$$K = (C - A - D - D - D - A) / 4$$



$$K = (C - A - D - D - D - A) / 4$$

A = Wall distance between wall and door edge

C = Total system width

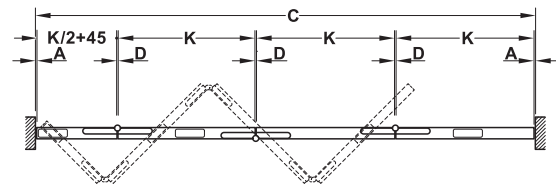
D = Gap dimension 4 mm (with seal)

K = Door width

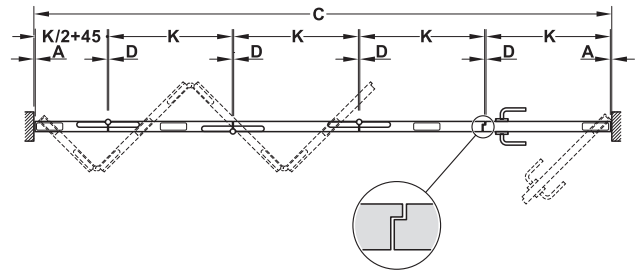
Note

Further machining dimensions and details can be found in the installation instructions

Centre suspension



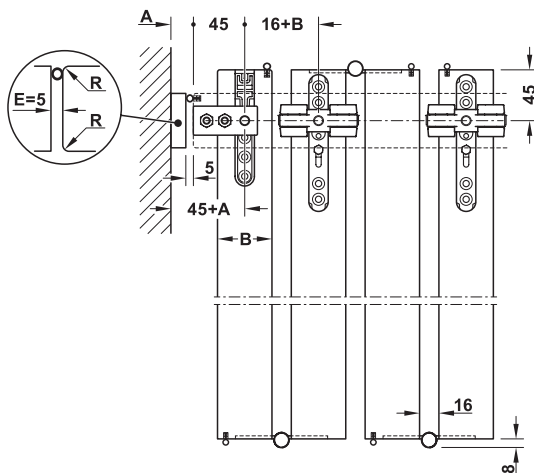
$$K = (C - A - 45 - D - D - D - A) / 3.5$$



$$K = (C - A - 45 - D - D - D - A) / 4.5$$

Wall connection with folded door stack

Corner suspension



Example of straight wall connection, vertical door edge rounded off with radius R

A = Wall distance between wall and door edge

B = Door thickness

E = Opening width rotating range

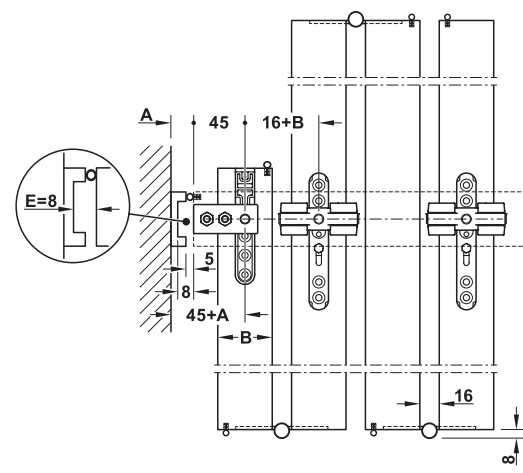
B	36-40 mm	41-45 mm
R	≥2 mm	≥3 mm

Note

The wall connection profile must be slightly milled out in the centre or the vertical door edge must be rounded off towards the wall connection with the corresponding radius.

Other wall connection variants can be found in the installation instructions.

Centre suspension



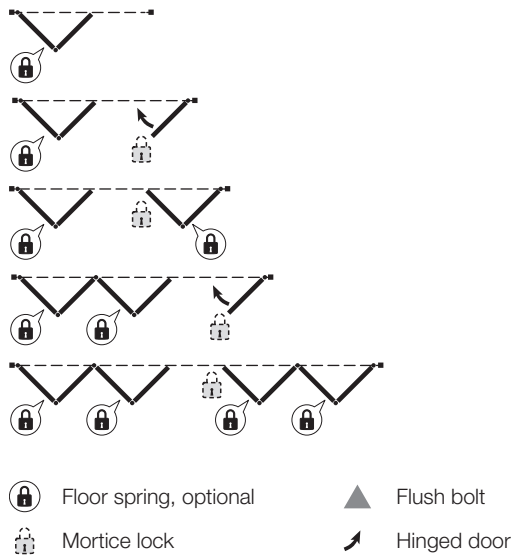
Example of wall connection with profile milled out in the center

Note

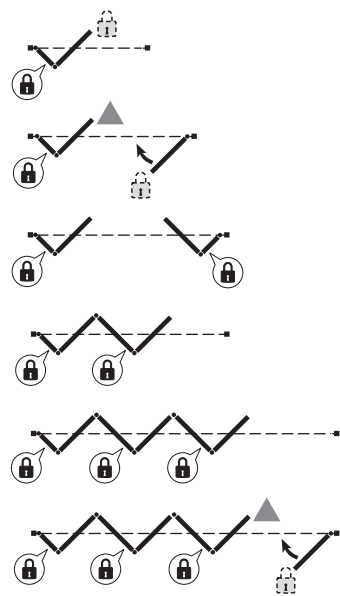
In the open position, the folding package parks parallel or slightly inclined/V-shaped depending on the door thickness as well as the number of door leaves

Position and type of locks

Corner suspension

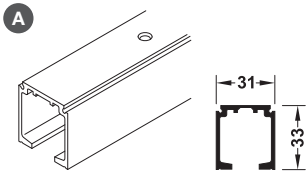


Centre suspension



Note
The lock with the flush bolts to the running or guide track must be released on site

Slido D-Fold21 50B single running track

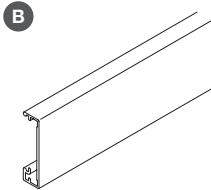


- > Order tracks and profiles separately
- A Single running track, pre-drilled, silver coloured or black anodised aluminium
- > Order qty: 1 pc (2.0 or 3.0 m length)



Length	Silver coloured	Black
2.0 m	940.43.922	940.43.661
3.0 m	940.43.932	940.43.662

Slido D-Fold21 50B clip panel

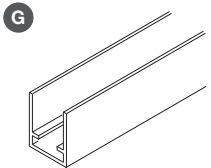


- > Order tracks and profiles separately
- B Clip panel, height 38 mm, silver coloured or black anodised aluminium
- > Order qty: 1 pc (2.0 or 3.0 m length)



Length	Silver coloured	Black
2.0 m	940.43.711	940.43.712
3.0 m	940.43.713	940.43.715

Slido D-Fold21 50B guide track



- > Order tracks and profiles separately
- G Guide track, silver coloured or black anodised aluminium
- > Order qty: 1 pc (2.0 or 3.0 m length)

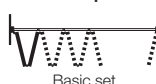


Length	Silver coloured	Black
2.0 m	940.42.832	940.42.842
3.0 m	940.42.833	940.42.843

Slido D-Fold21 50B fitting sets

For systems with bottom track

Corner suspension



Basic set



Additional set



Set for access door

Centre suspension



Basic set



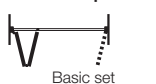
Additional set



Set for access door

For systems without bottom track

Corner suspension

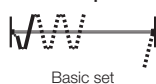


Basic set



Set for access door

Centre suspension



Basic set



Additional set

> Fitting sets include:

C Running gear, with support flange, black plastic, roller with ball bearing including white plastic running surface, galvanized steel plate

D Pivot bearings (1 each top/bottom), black powder-coated steel plate, chrome-plated steel pivot pin

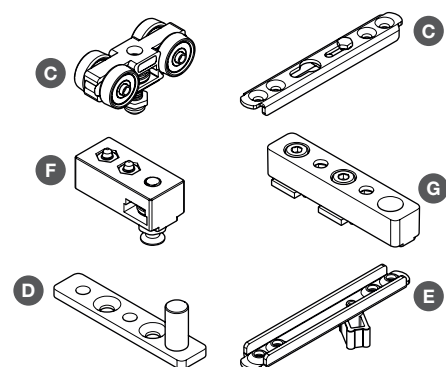
E Guide, bottom, galvanized steel plate, glides in white plastic

F Track stopper, for top track, black plastic

G Mounting block for bottom pivot bearing, black plastic, bearing screw in galvanized steel

> Fixing materials included

> Order qty: 1 set



> Please order running tracks, clips panels, and guide tracks separately;

Running tracks, clip panels and guide tracks, shown on page 2.90

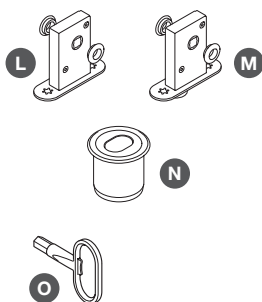
> Accessories, shown below

> Hinges, shown on pages 2.95



Set	Version	Fittings included					Cat. No.
		C	D	E	F	G	
Fitting sets for systems with bottom track							
Basic set	With pivot bearing at top and bottom	1 pc	1 pc	1 pc	1 pc	1 pc	940.42.513
Additional set	With guide at top and bottom	1 pc	-	1 pc	-	-	940.42.514
Set for access door							
Door width ≤800 mm	With pivot bearing at top and bottom	-	2 pcs	-	1 pc	-	940.42.515
Fitting sets for systems without bottom track (for variant with systems with corner suspension with max. 2 doors on both sides)							
Basic set	With pivot bearing at top and bottom	1 pc	1 pc	-	-	1 pc	940.42.510
Additional set	With guide at top and bottom	1 pc	-	-	-	-	940.42.511
Set for access door							
Door width ≤800 mm	With pivot bearing at top and bottom	-	2 pcs	-	-	-	940.42.512

Slido D-Fold21 50B components



> L Floor lock with rosette and floor socket, for systems without bottom track, galvanized steel

> M Floor lock with rosette, for systems with bottom track, galvanized steel

> N Floor socket, silver coloured anodised aluminium

> O Hexagon socket key, galvanized steel

> Order qty: 1 pc



Item	Cat. No.
L Floor lock with rosette and floor socket	943.55.070
M Floor lock with rosette	943.55.071
N Floor socket	943.55.073
O Hexagon socket key	943.55.072