AIR

SALICE

ENG

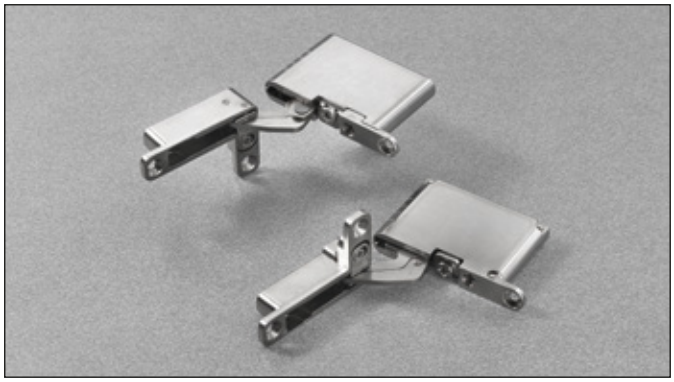
Air - the truly concealed hinge

Air is an innovative and revolutionary hinge which, despite its compactness and small size, delivers full functionality to furniture manufacturers.

The hinge is fully adjustable in three directions and also incorporates an integrated soft close mechanism for decelerated closing.

Air is inserted into the top panel and the door and is practically invisible. Its small size means that the applications for Air are numerous: kitchens, bathrooms, living- and bedroom furniture or display cabinets.

A masterpiece of compactness in design, imperceptible and unseen just like air: Air is the new fusion of technology and aesthetics.

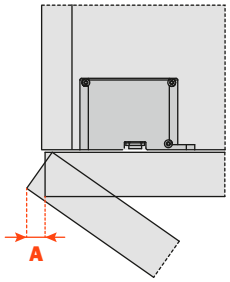


Technical features

Air hinges, with integrated soft-close mechanism, are small and compact.
They can be fitted to the top or bottom panel of the cabinet.

For min. 18 mm thick wooden doors and for aluminium-framed doors.
Max. door weight 20 Kg.
Max. dimensions of the door : height 2100 mm, width 600 mm.
16 mm deep metal cup.
105° opening.
Possible drilling distance on the door (K): from 3 to 6 mm for wooden doors.
Fixed K = 4 mm for aluminium-framed doors (DEL6LPXXXX).

Space needed to open the door

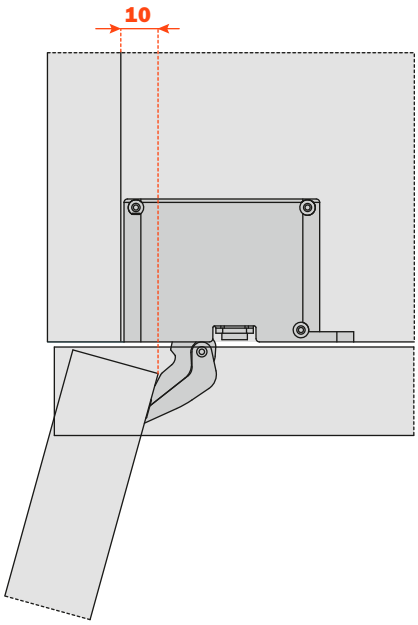


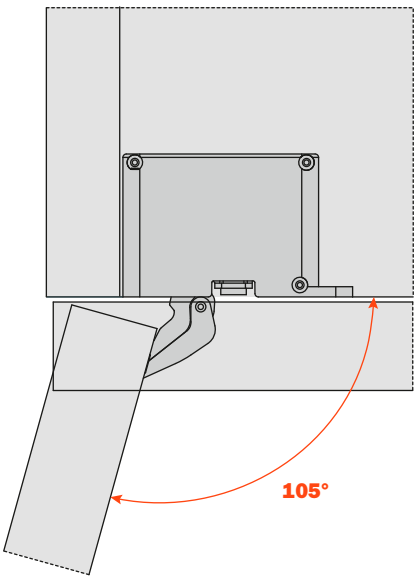
	T=	18	20	22	24	26	28
K=3	**A=**	0	0.2	0.5	0.8	2.3	4.9
K=4	**A=**	0	0.2	0.4	0.8	1.3	3.9
K=5	**A=**	0	0.2	0.4	0.8	1.3	2.9
K=6	**A=**	0	0.2	0.4	0.8	1.2	1.9

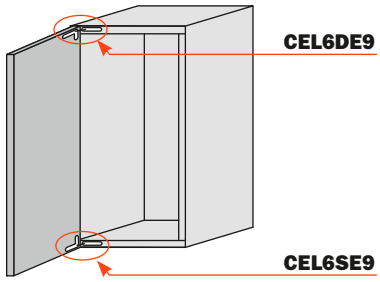
The above values are calculated on the assumption that the doors have square edges.
They are reduced if the doors have radiussed edges.

Projection of the door

Projection of the door from the cabinet side at the max. opening.
The figures are based on K value = 3 and door overlay = 19 mm.

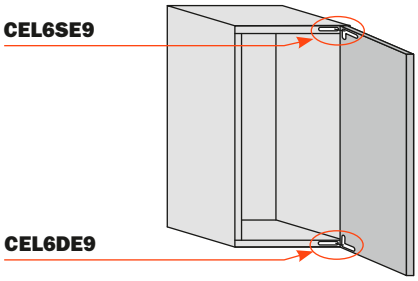






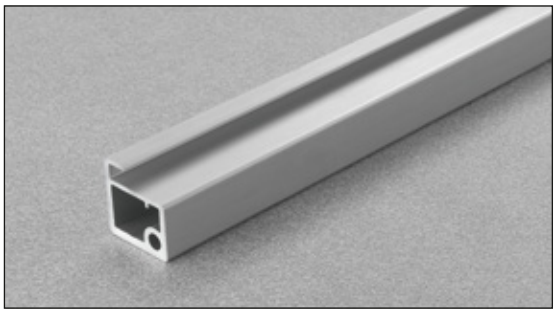
CEL6DE9

Packing
Boxes 100 pcs.



CEL6SE9

Packing
Boxes 100 pcs.

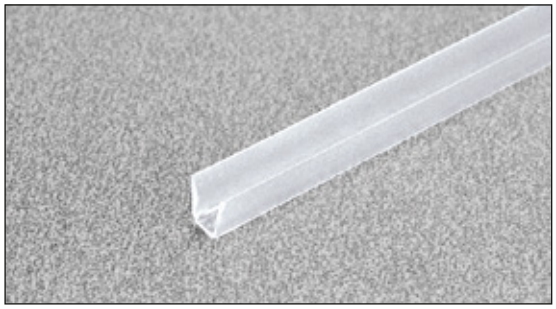


DEL6LP3000

Anodized aluminium frame for doors, glass to be inserted (4 mm).

3 m lengths.

Packing
Boxes 120 pcs.

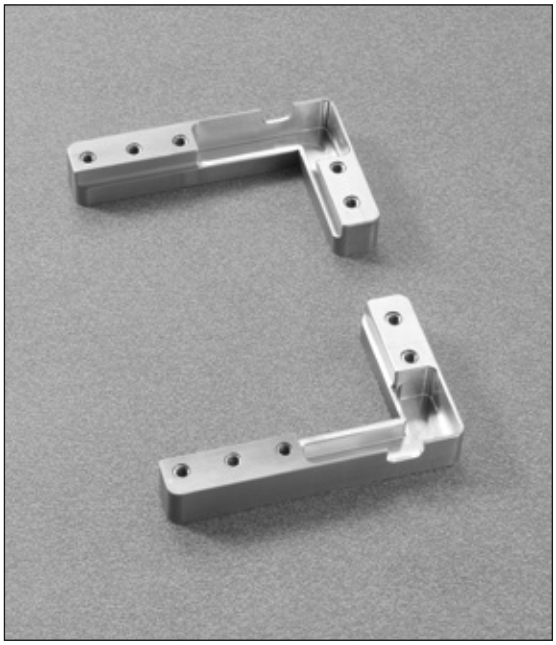


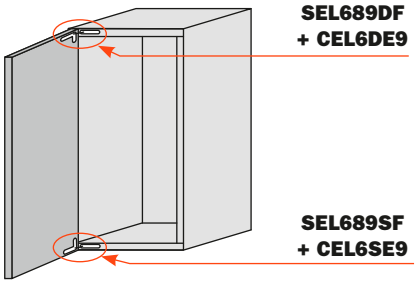
D206AG3000

Gasket for glass.

3 m lengths.

Packing
Boxes 120 pcs.



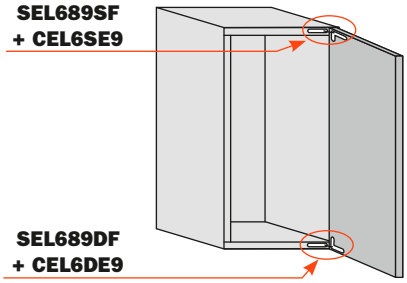


SEL689DF

Corner connector for the frame assembly of the doors and the fixing of the hinge.

To be used with hinge: **CEL6DE9**

Packing
Boxes 100 pcs.



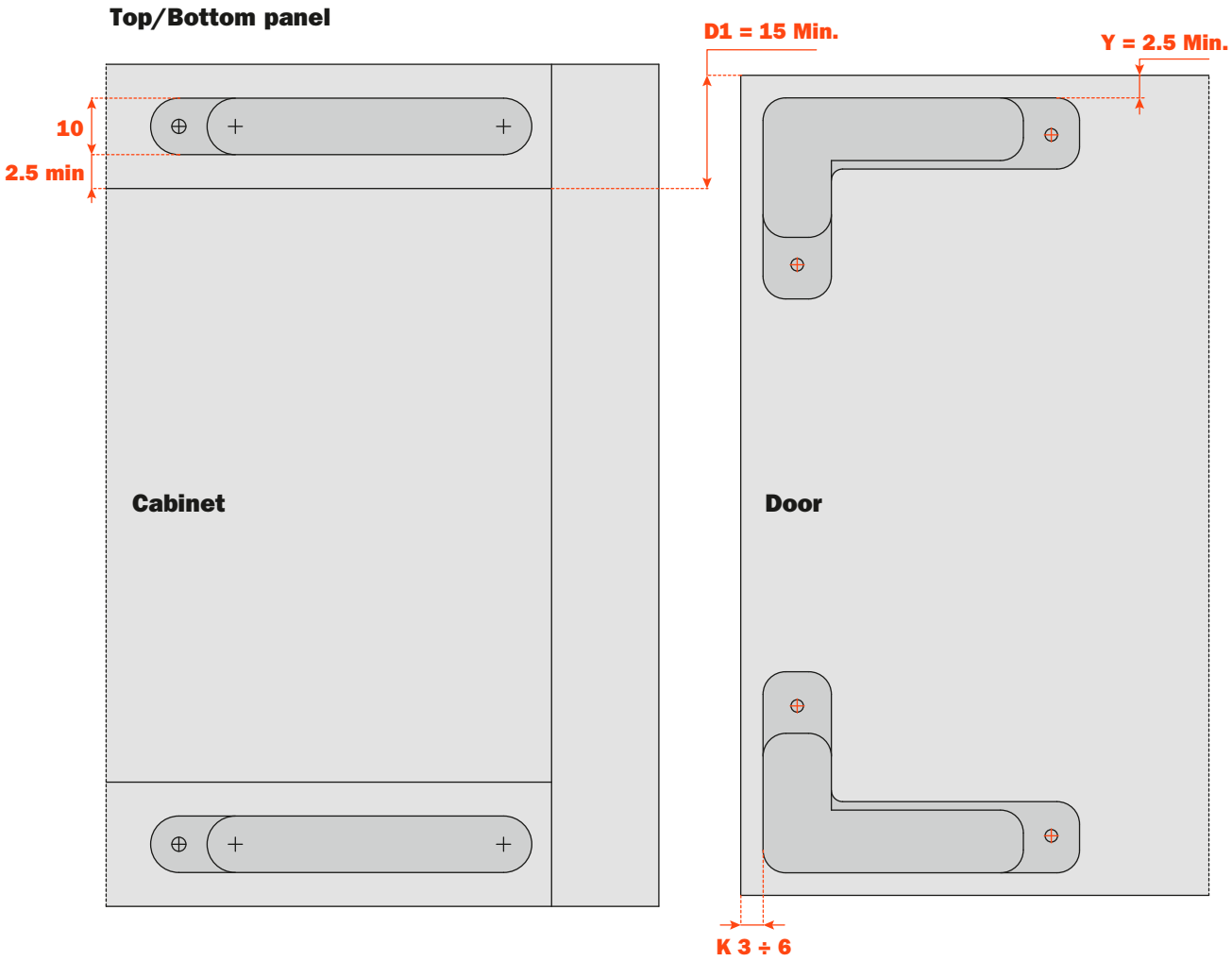
SEL689SF

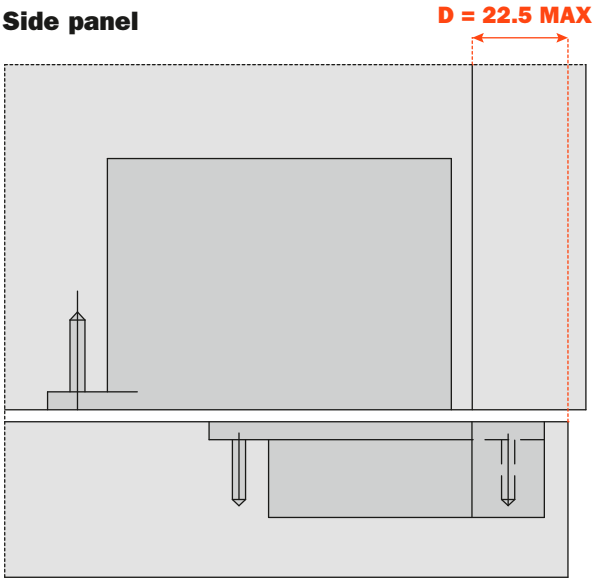
Corner connector for the frame assembly of the doors and the fixing of the hinge.

To be used with hinge: **CEL6SE9**

Packing
Boxes 100 pcs.

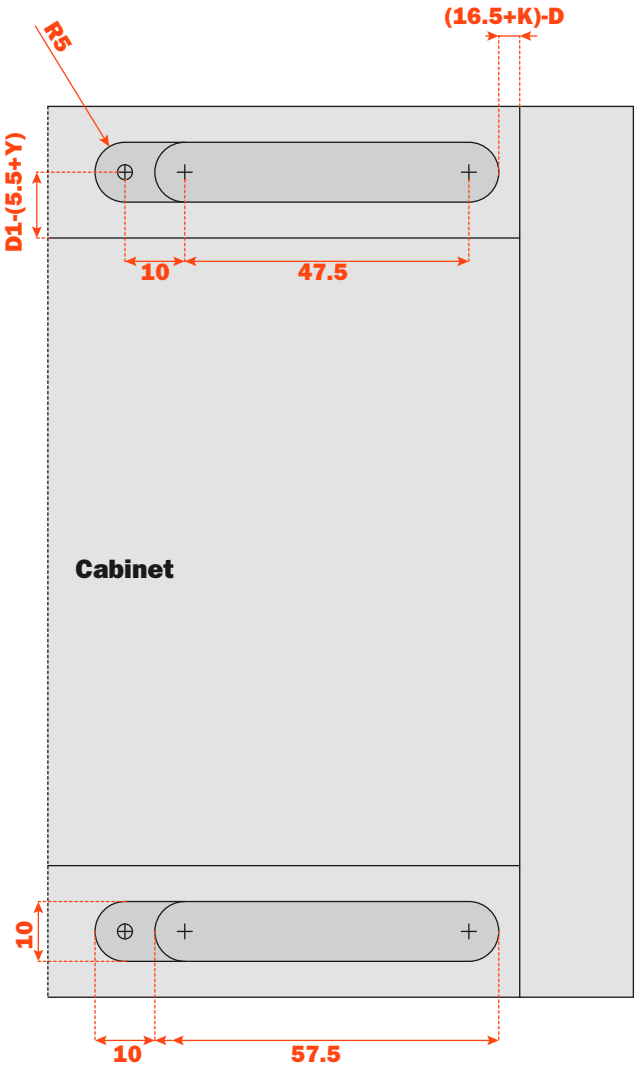
Overlays


Top/Bottom panel
D1 = 15 Min.
Y = 2.5 Min.
10
2.5 min
Cabinet
Door
K 3 ÷ 6

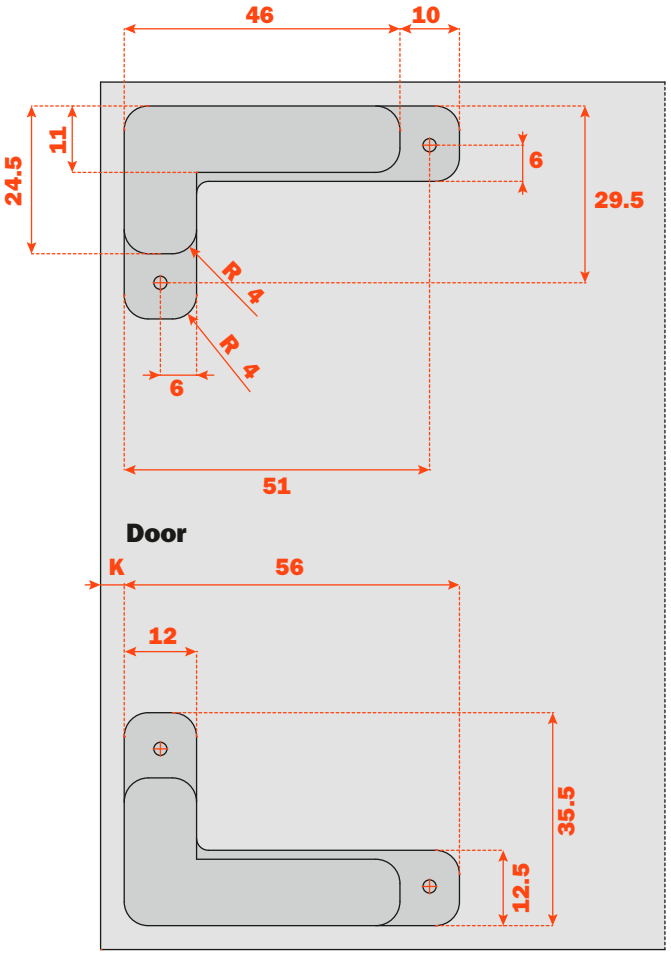

Side panel
D = 22.5 MAX

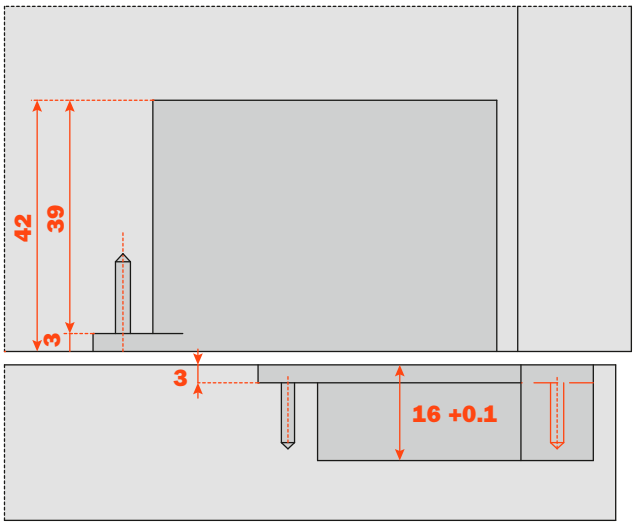
Workings for the application of the hinge

Workings of the top and the bottom panel for the application of the hinge.



Workings of the door for the application of the hinge.

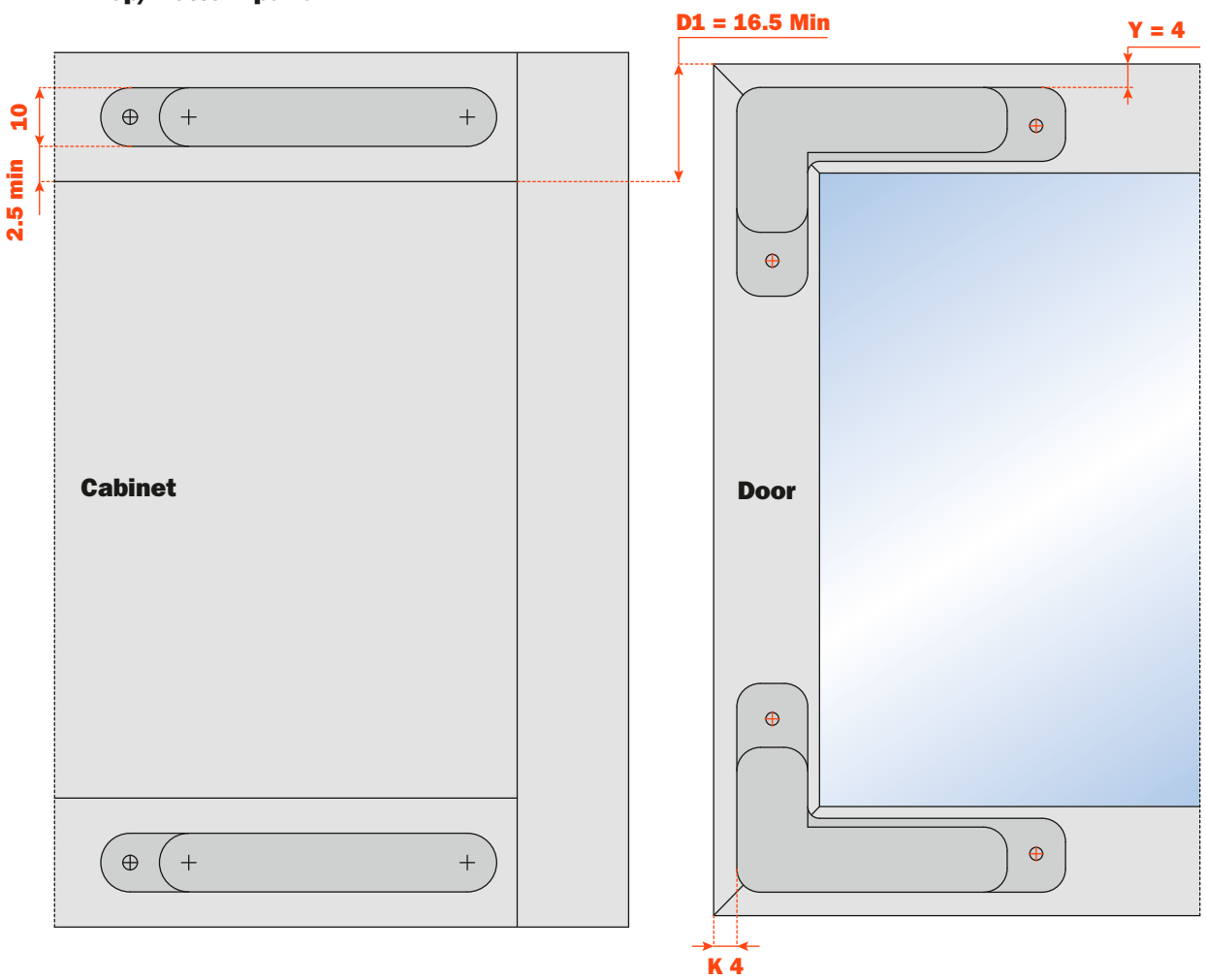




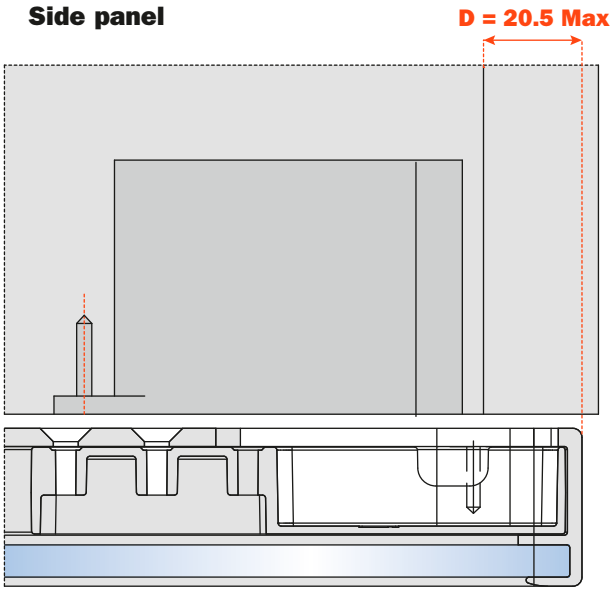
Working for the frame DEL6LPXXXX and use of the corner connectors SEL689DF and SEL689SF.

Overlays

Top/Bottom panel

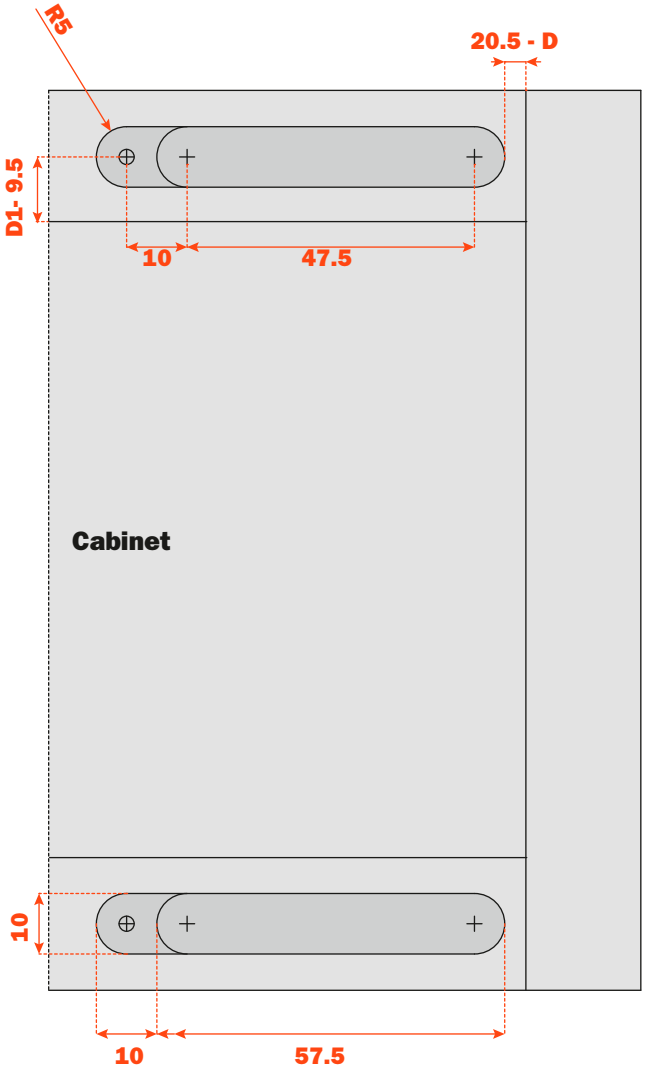


Side panel

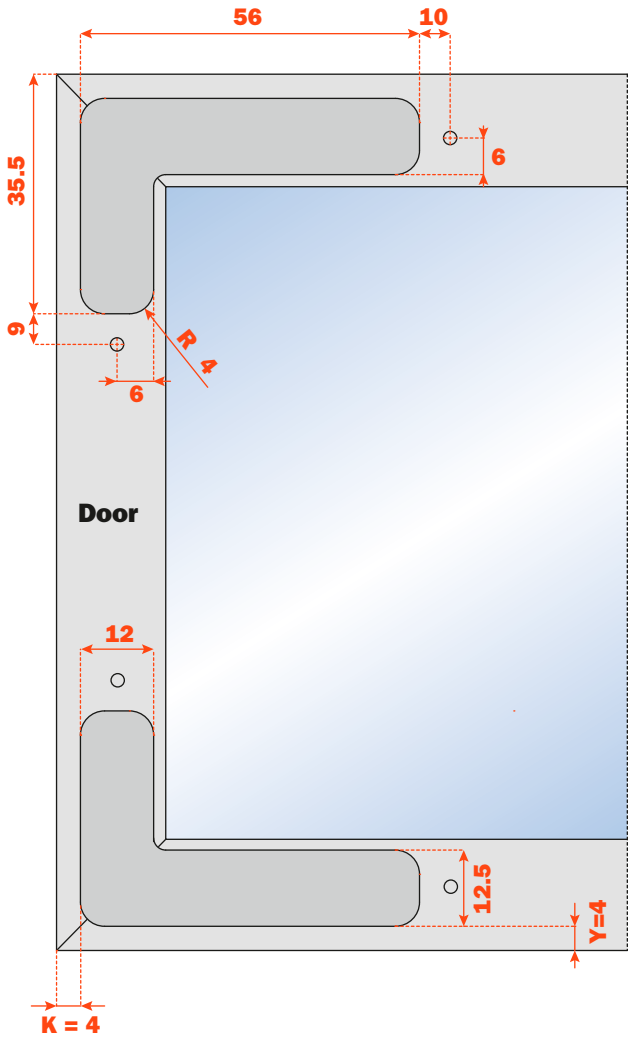


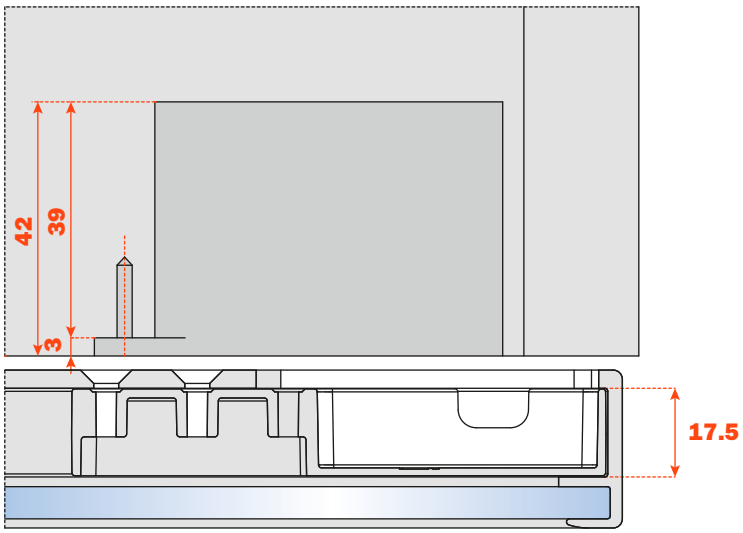
Workings for the application of the hinge

Workings of the top and the bottom panel for the application of the hinge, right side.



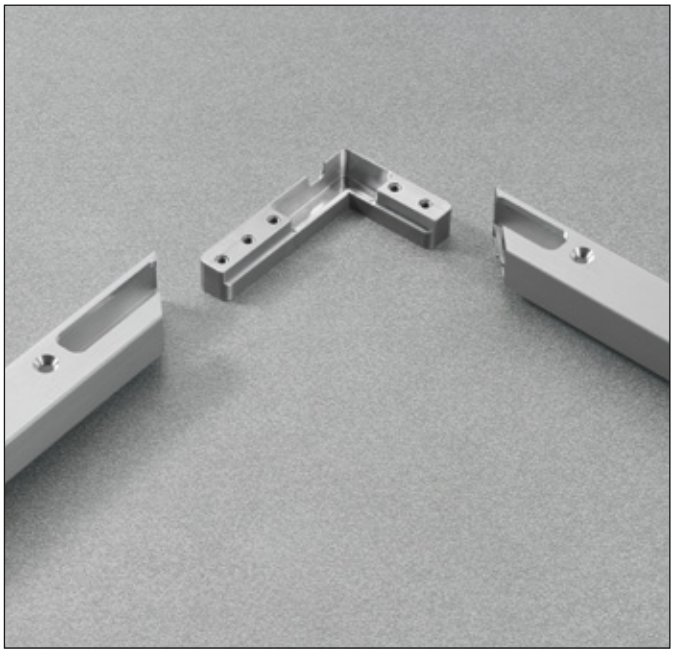
Milling scheme for aluminium-framed doors DEL6LPXXXX.

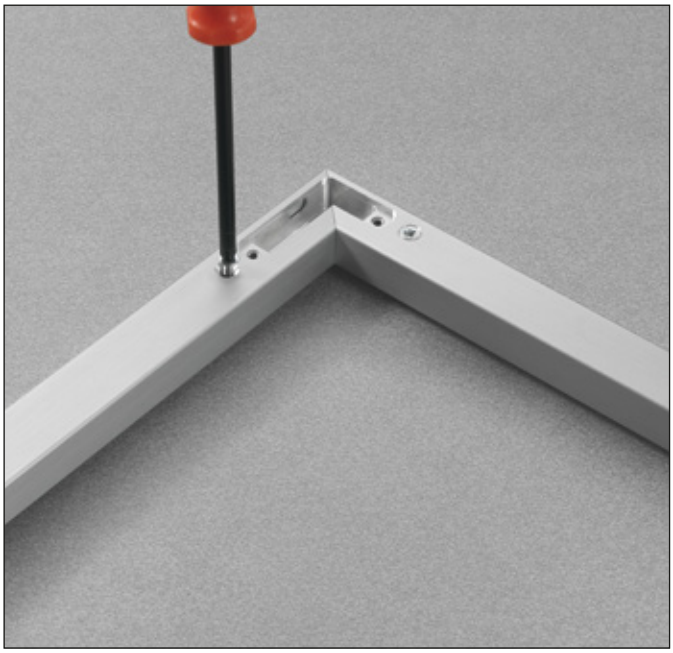


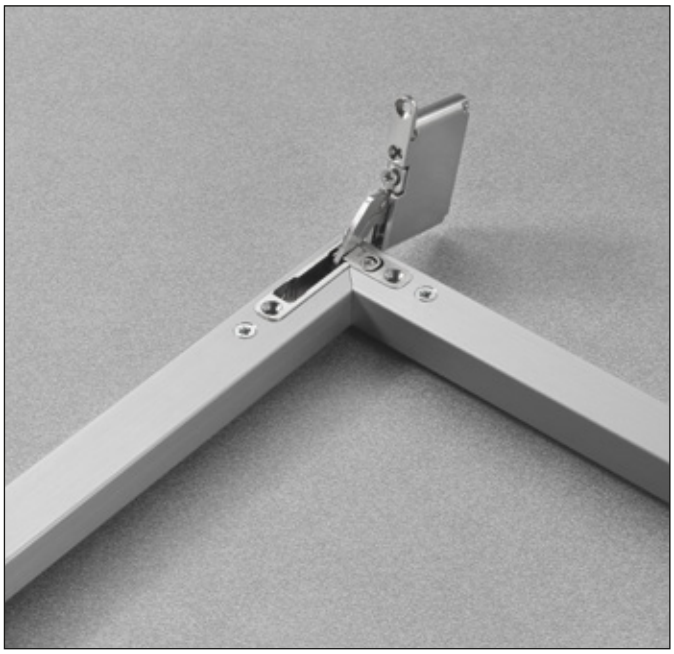


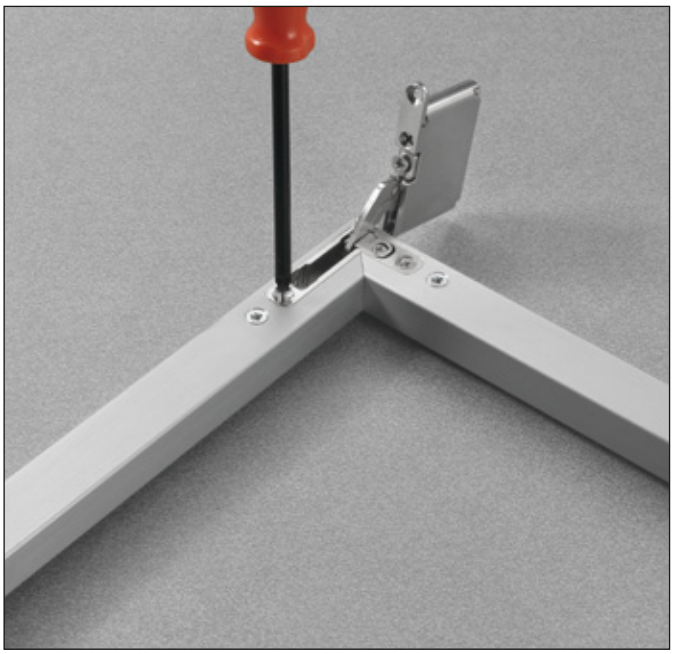
AIR - Aluminium frame assembly

The profiles which make up the door are cut to length and the ends mitred at 45°, and already milled with the slot for the insertion of the hinge.



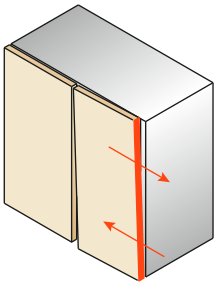


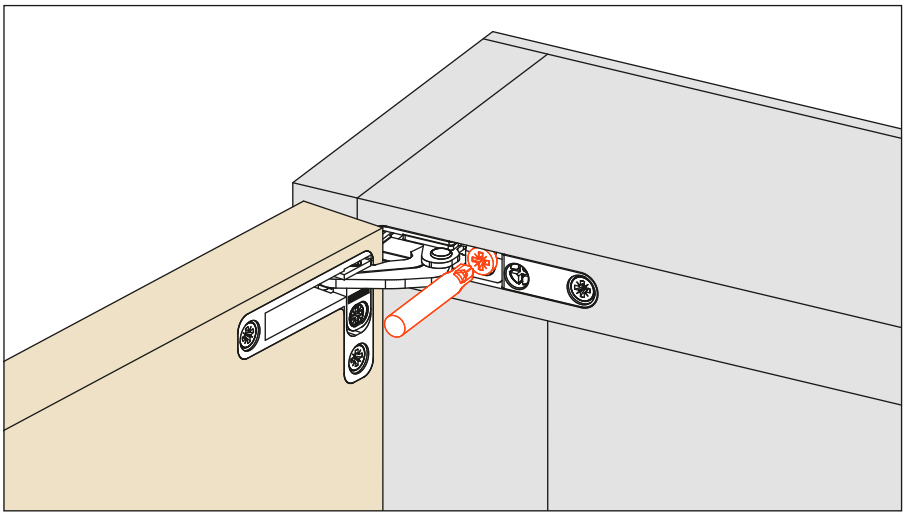




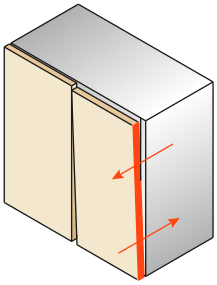
Adjustments

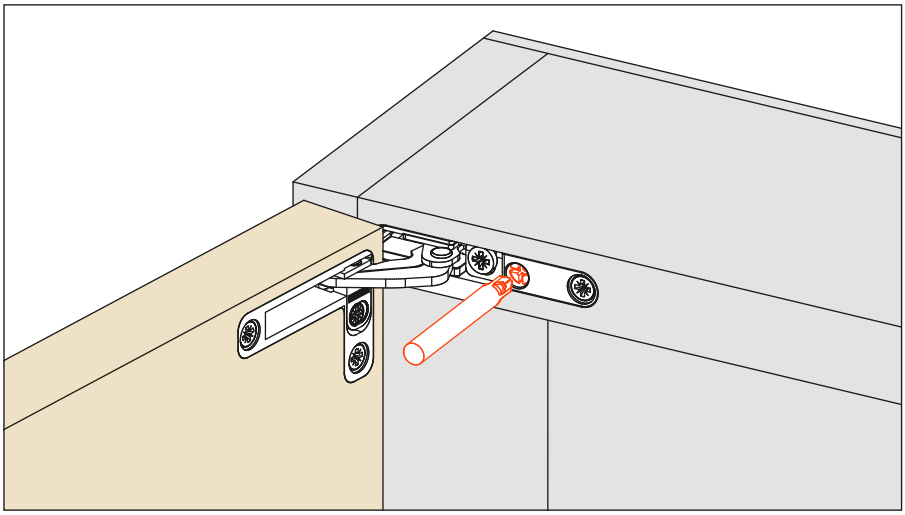
Sideways adjustment from +2 to -2



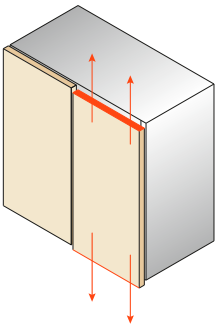


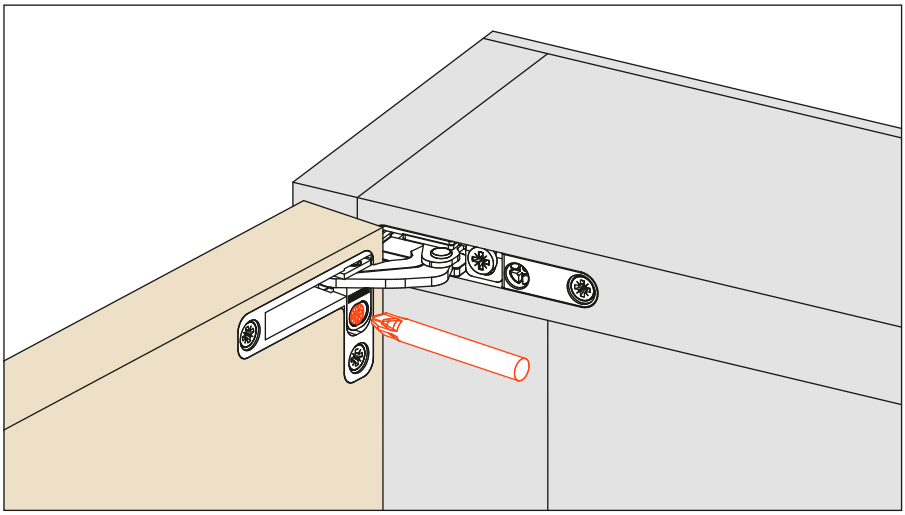
Depth adjustment from +2 to -0.5





Height adjustment from +1.5 to -1.5





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We reserve the right to change technical specifications without notice.