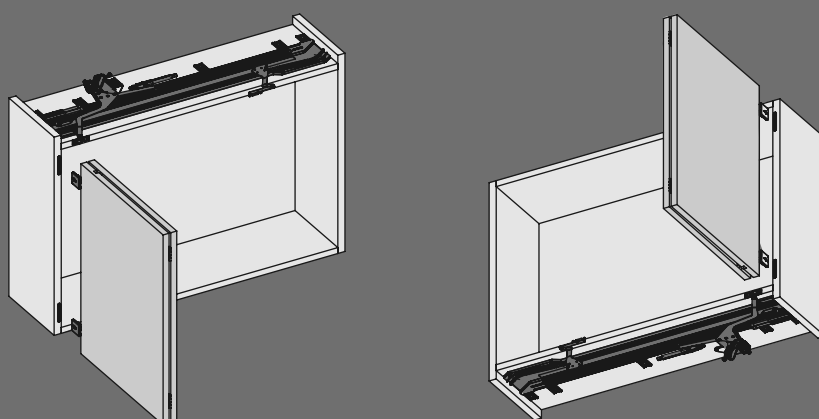




Folder 90

Left - TOP • Right - BASE

SALICE



Warning

For professional use only.

Read the assembly instructions carefully before installation, and give this safety data sheet to the end user of the cabinet.

Ensure that the load-bearing capacity of the cabinet is suitable for the type of hardware to be installed.
The cabinet must have a sufficiently rigid and stable structure to prevent collapse or breakage during assembly and use.

Wear suitable personal protective equipment during assembly operations.

Do not attempt to work on the mechanism without prior training.

Warning: spring-action mechanism may produce sudden, uncontrolled movement.

If you have any doubts or needs during installation, please contact technical assistance.

Folder 90 • Double hinged door • 94° opening

System for concertina doors

- Max opening 94°
- Automatic opening and closing action controlled by silicon oil dampers and by a magnetic damper for a smooth and gently decelerated movement
- Fixing of the doors to the cabinet side with external SILENTIA+ hinges or with recessed CONECTA 94° hinges

SILENTIA+ Series 200 94° version

- The track can be assembled under the bottom panel or on the top of the cabinet for column units, wardrobes, base units and wall units.
- Adjustment of the closing speed of the doors
- Fully adjustable in three directions

Technical information

- Thickness of wooden door with SILENTIA+ (series 200 94°) hinges:
from 19 mm to 25 mm (K=4, K=5)
- Width of each single wooden door:
from 350 mm to 600 mm
- Door height:
 - Min. 600 mm
 - Max. 3000 mm
- Formula to determine the min. door height
 $HA \text{ Min.} = (4 \times TL) / 3$
 Example:
 $TL = 600$
 $HA \text{ Min.} = 800$
 $(4 \times 600) / 3 = 800$
- Cabinet depth ≥ 350 mm
- Side thickness with SILENTIA+ hinges ≥ 16 mm

HA = Door height
TL = Door width

CONECTA 94° version

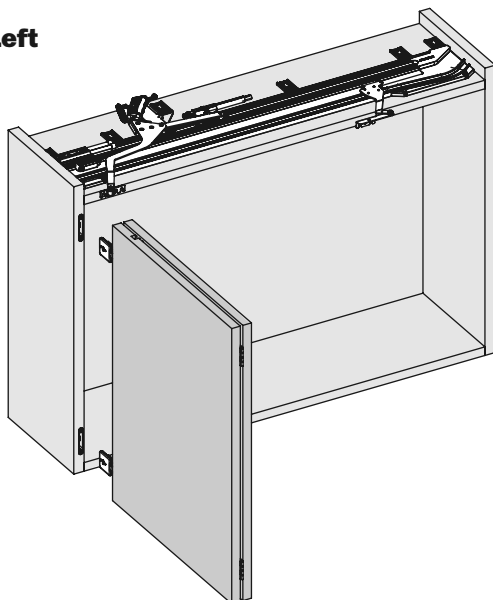
- The track can be assembled under the bottom panel or on the top of the cabinet for column units, wardrobes, base units and wall units.
- Adjustment of the closing speed of the doors
- Fully adjustable in three directions

Technical information

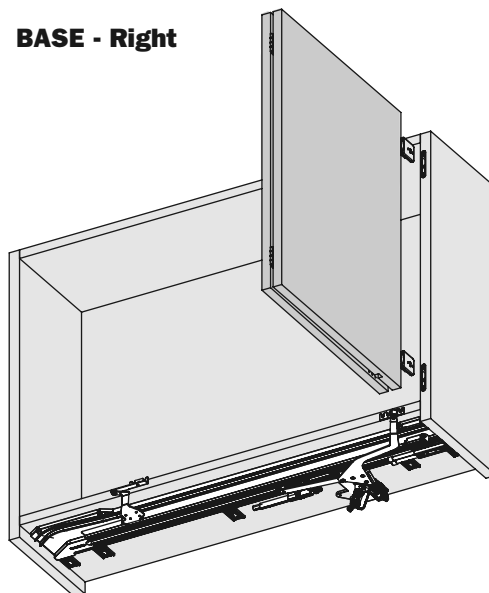
- Thickness of wooden door with CONECTA 94° hinges:
25 mm
- Width of each single wooden door:
from 350 mm to 600 mm
- Width of each single aluminium-framed door:
from 350 mm to 600 mm
- Door height:
 - Min. 600 mm
 - Max. 3000 mm
- Formula to determine the min. door height
 $HA \text{ Min.} = (4 \times TL) / 3$
 Example:
 $TL = 600$
 $HA \text{ Min.} = 800$
 $(4 \times 600) / 3 = 800$
- Cabinet depth ≥ 330 mm
- Side thickness with recessed CONECTA 94° hinges
DQG3B ≥ 19 mm
- Side thickness with recessed CONECTA 94° hinges
DQG5B ≥ 16 mm

The same system can be installed on the top of furniture with doors opening to the left, or under the base of furniture with doors opening to the right.

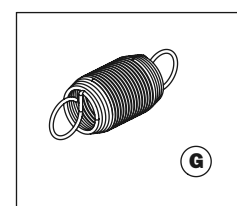
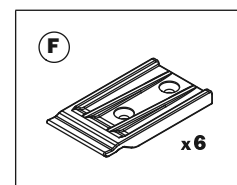
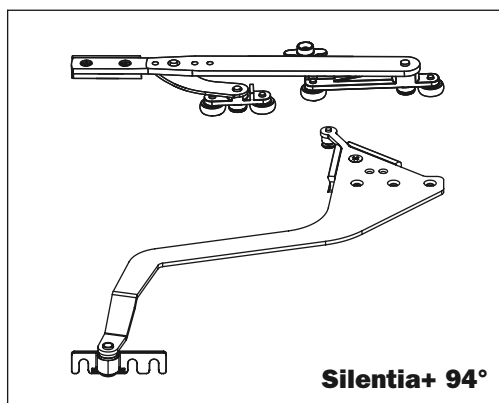
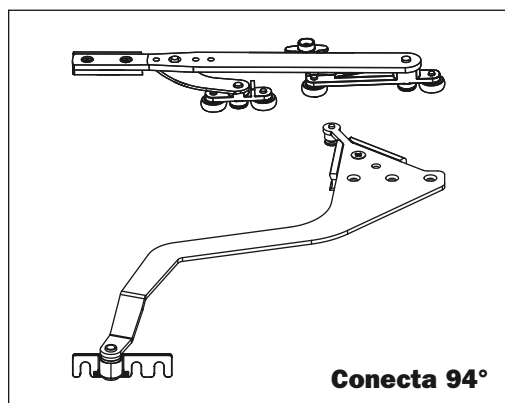
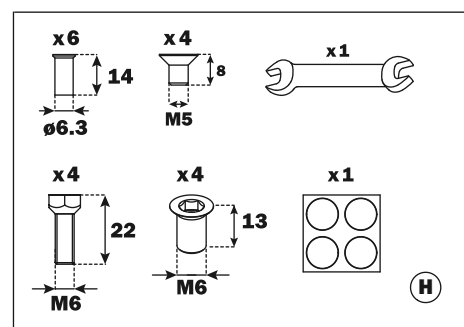
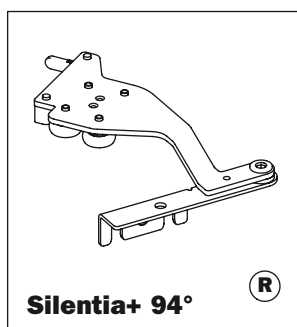
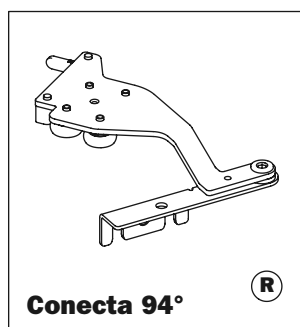
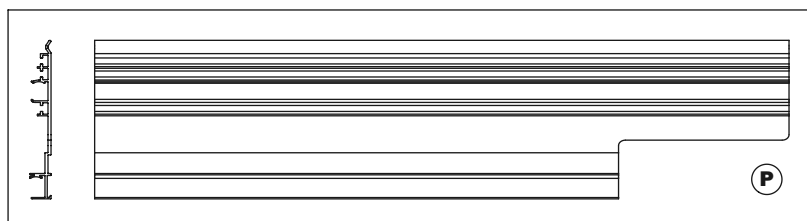
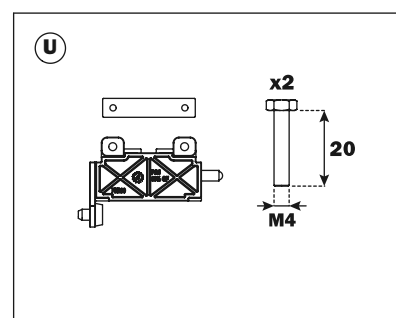
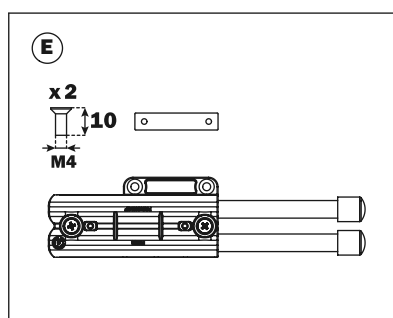
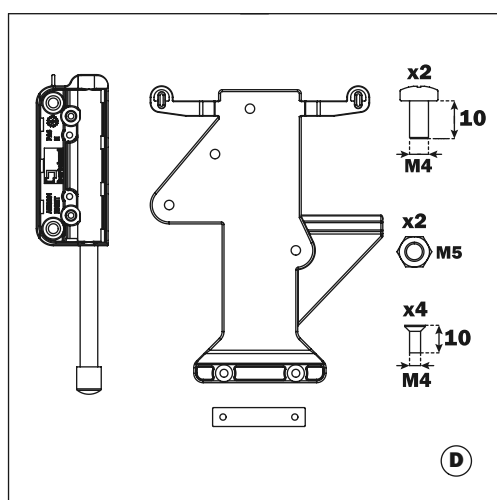
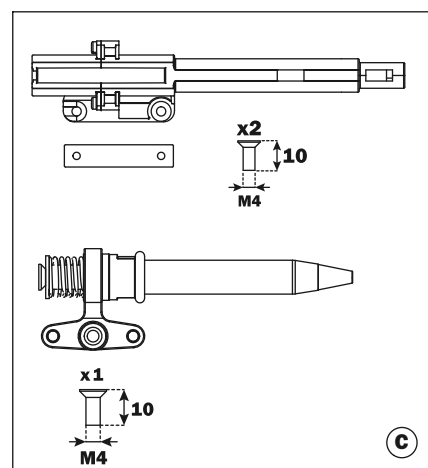
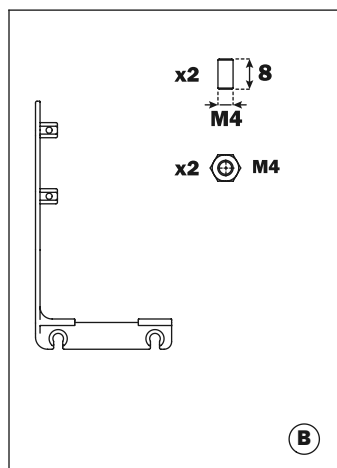
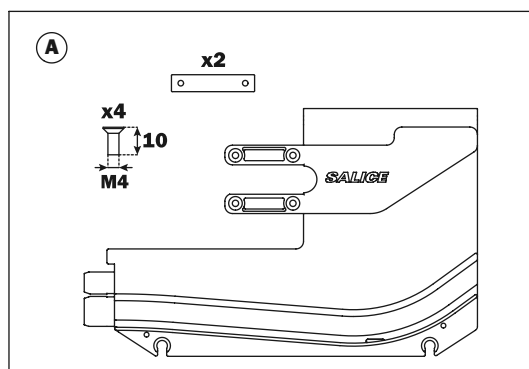
TOP - Left



BASE - Right

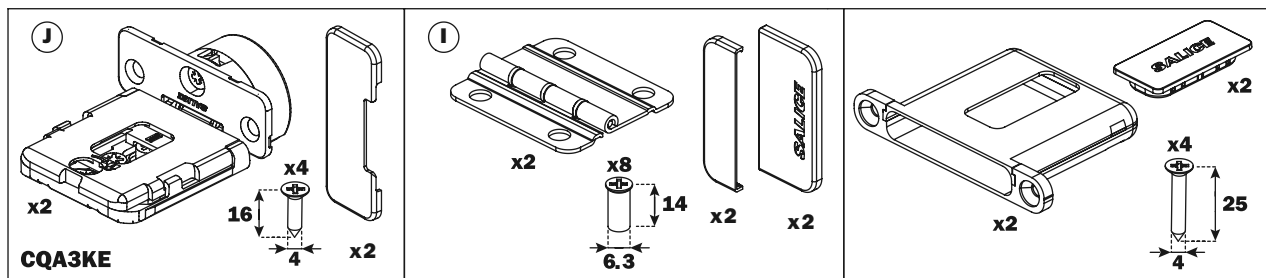
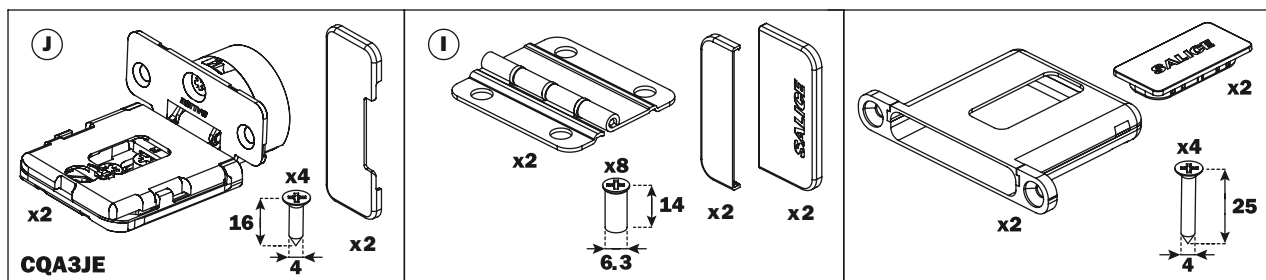


Items in the MECHANISM kit package

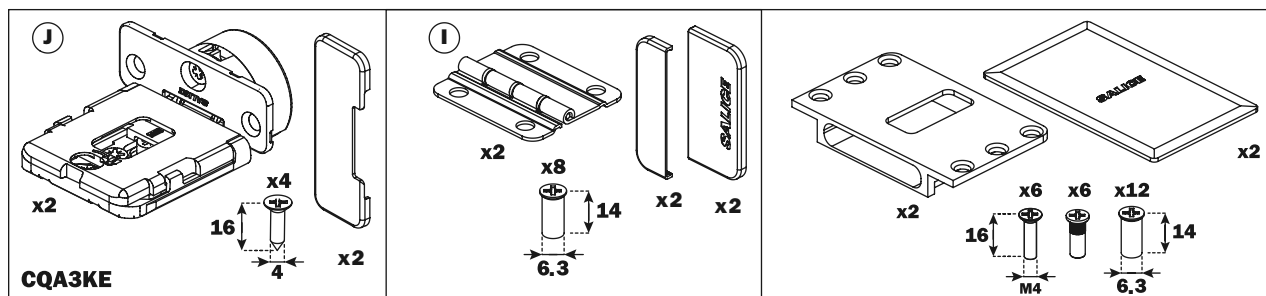
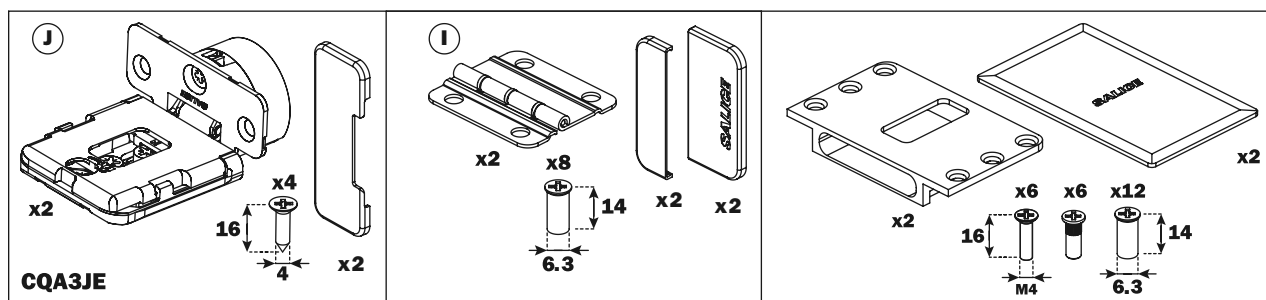


Folder 90 • Items in the WOODEN DOOR hinges kit package

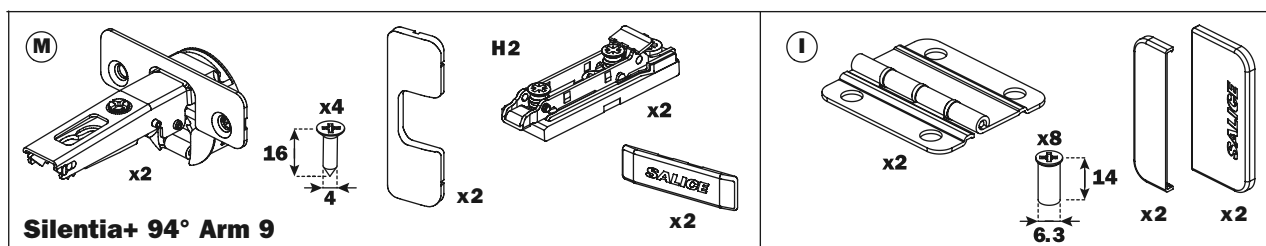
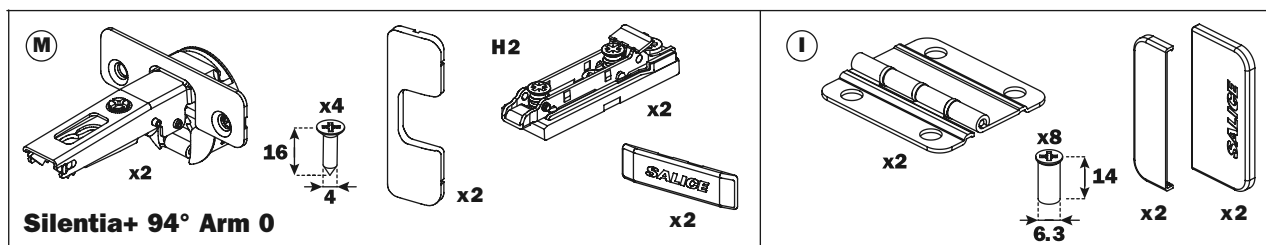
Conecta hinges kit - DQG3B holder recessed



Conecta hinges kit - DQG5B holder external

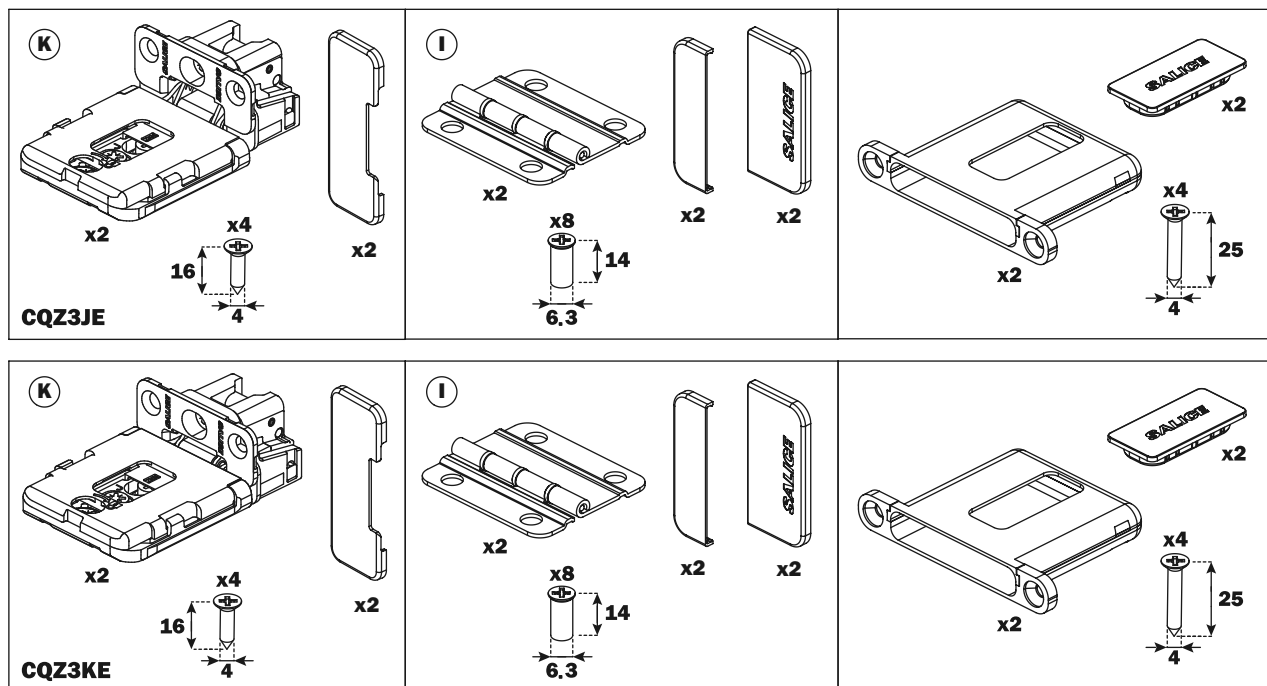


Silentia+ hinges kit



Items in the ALUMINIUM-FRAMED DOOR hinges kit package

Conecta hinges kit - DQG3B holder recessed



Conecta hinges kit - DQG5B holder external

(K) CQZ3JE	(I)	
(K) CQZ3KE	(I)	

7

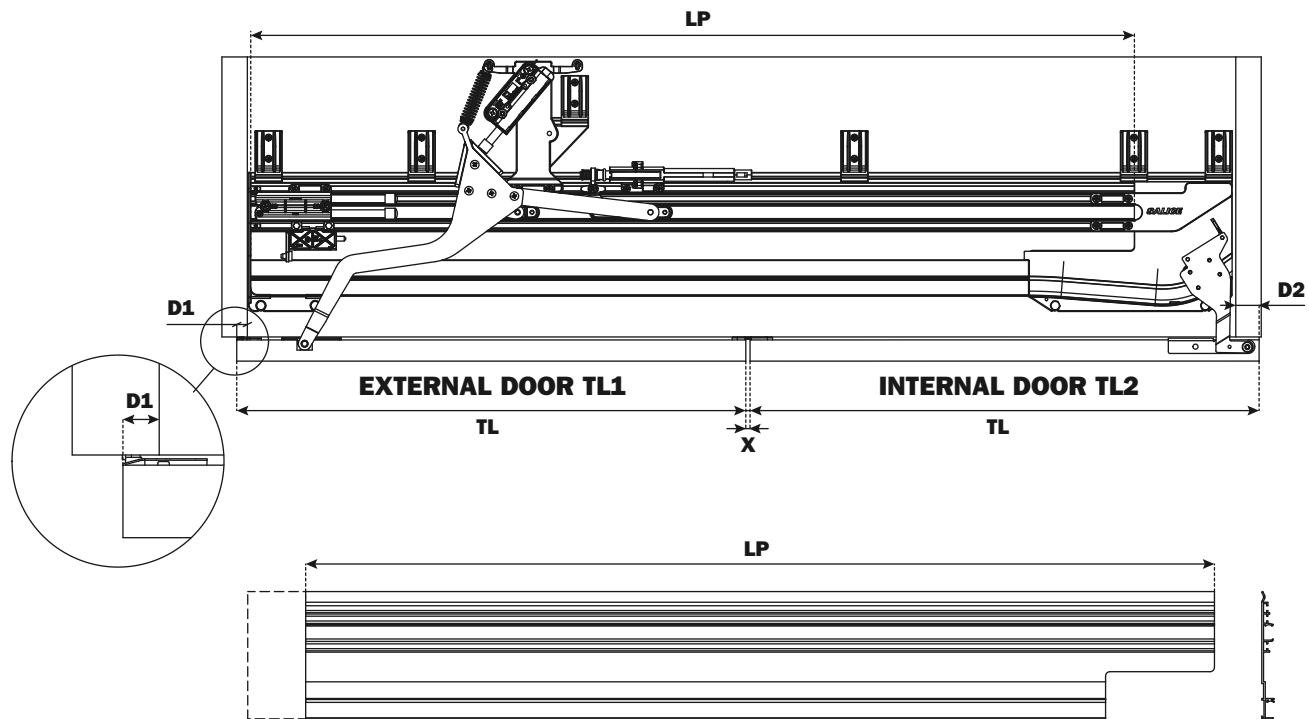


Folder 90

Formula to determine the length of the profile to be cut

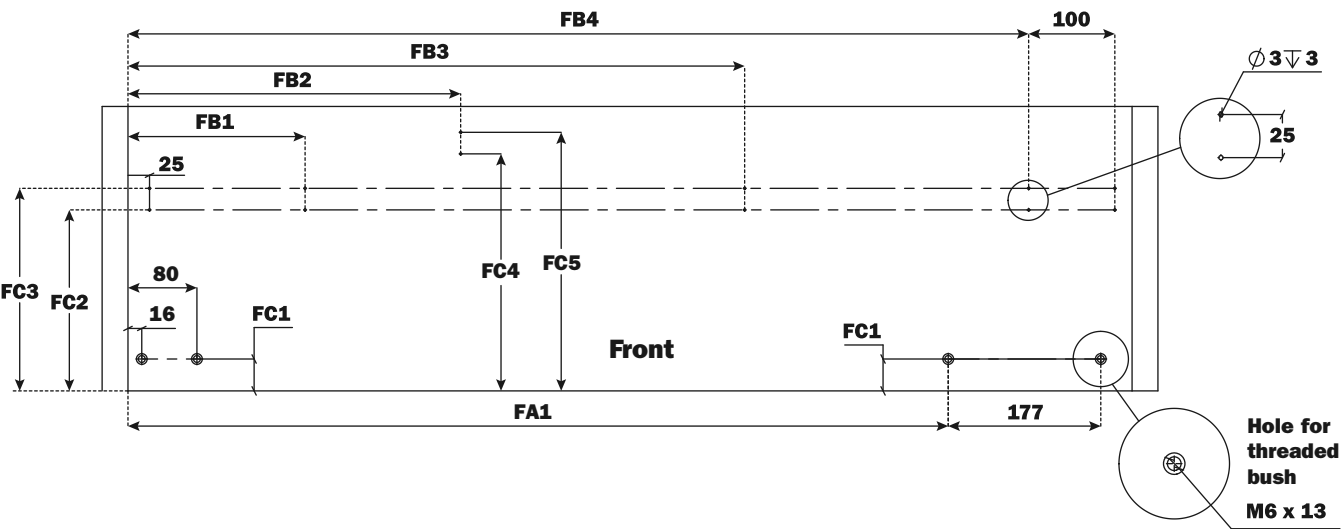
CONECTA 94° HINGES LP = (2 x TL) + X - D1 - 151.5 mm

SILENTIA+ 94° HINGES LP = (2 x TL) + X - D1 - 138.7 mm



- LP = Profile length
- TL = Door width
- X = Reveal between doors
- D1 = External door overlay on side
- D2 = Internal door overlay on side

Holes on the top of the cabinet



HINGES	FA1	FB1	FB2	FB3	FB4	FC1	FC2	FC3	FC4	FC5
CONECTA 94° WOODEN DOORS	LP - 89.3	FB2/2 + 12.5	386	(FB4 + FB2)/2	LP + 4	37	210	235	275	300
CONECTA 94° ALUMINIUM-FRAMED DOORS	LP - 89.3	FB2/2 + 12.5	386	(FB4 + FB2)/2	LP + 4	35	208	233	273	298
SILENTIA+ 94°	LP - 89.3	FB2/2 + 12.5	391	(FB4 + FB2)/2	LP + 3.7	54	227	252	292	317

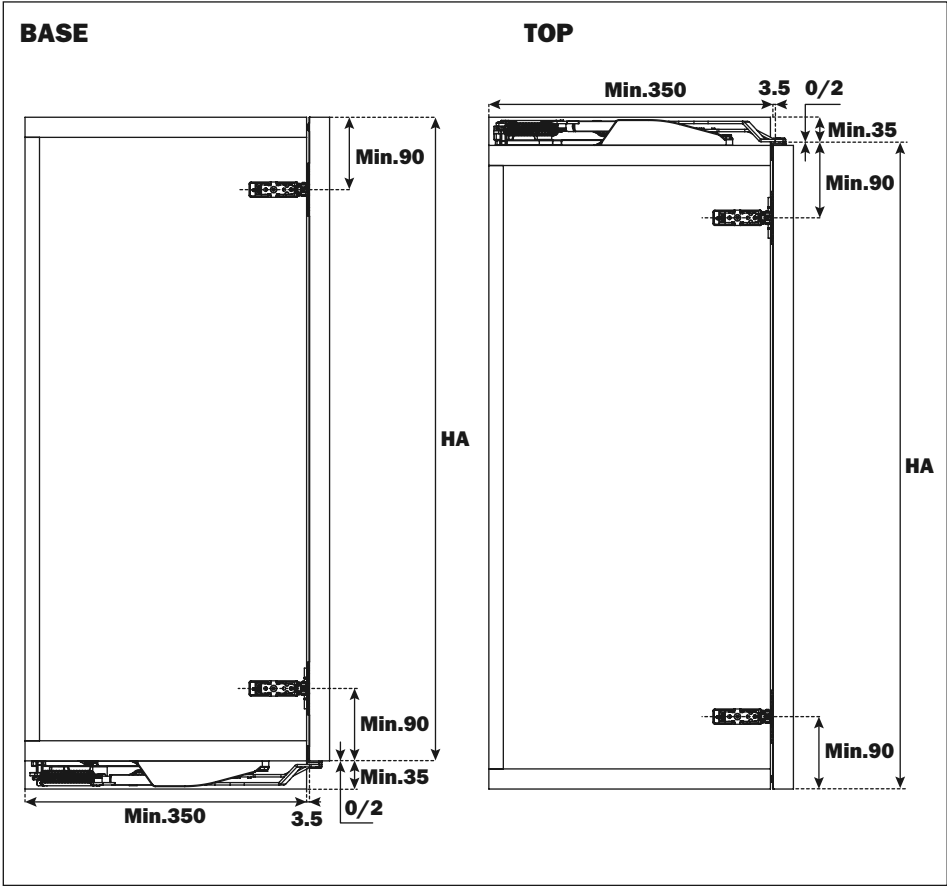
Tables to determine the number of hinges per single mechanism

SILENTIA+ 94° HINGES AND CONECTEA 94° HINGES					
2 x DOOR WIDTH LA (mm)	DOOR HEIGHT HA (mm)	MAX. WEIGHT FOR TWO DOORS (Kg)	NUMBER OF HINGES	MAX. WEIGHT FOR TWO DOORS (Kg)	NUMBER OF HINGES
700 - 1200	600 - 800	10	2		
	801 - 1200	15	3		
	1201 - 1600	20	4	25	5
	1601 - 2000	30	5	35	6
	2001 - 2400	35	5	40	6
	2401 - 3000	40	5	50	6

- Formula to determine the min. door height HA Min. = $(4 \times TL) / 3$ Example: TL = 600 HA Min. = 800

Folder 90

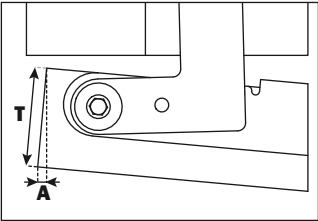
Space required to accommodate the system and position of the SILENTIA+ 94° HINGES



HA = Door height

D1 = Door overlay on side hinged side with K = 4

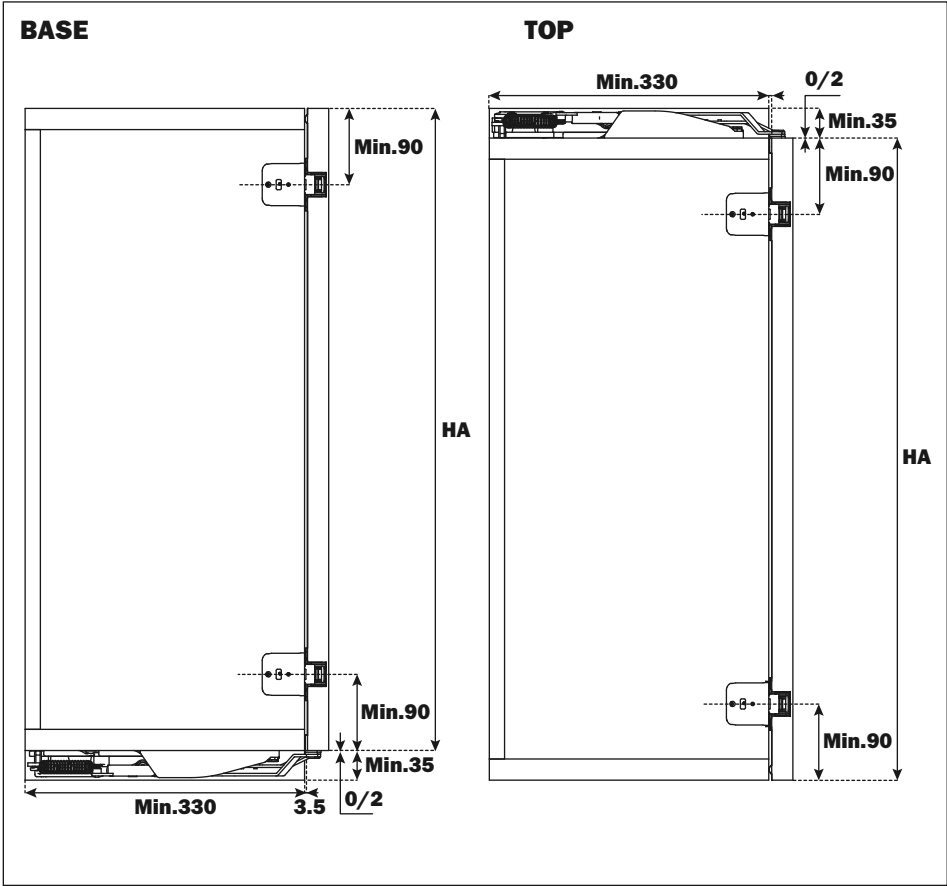
D1 = 17 with arm 0
D1 = 8 with arm 9



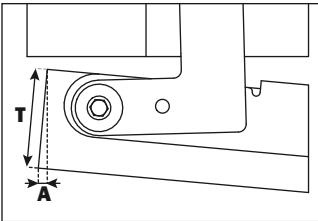
Reveal required for the opening of the INTERNAL door TL2 for wooden door

Door thickness T	Space needed to open the door A
19 mm	1.3 mm
25 mm	1.7 mm

Space required to accommodate the system and position of the CONECTA 94° HINGES



HA = Door height
D1 = Door overlay on side hinged side, single door



Reveal required for the opening of the INTERNAL door TL2 for wooden door

Door thickness T	Space needed to open the door A
25 mm	1.8 mm

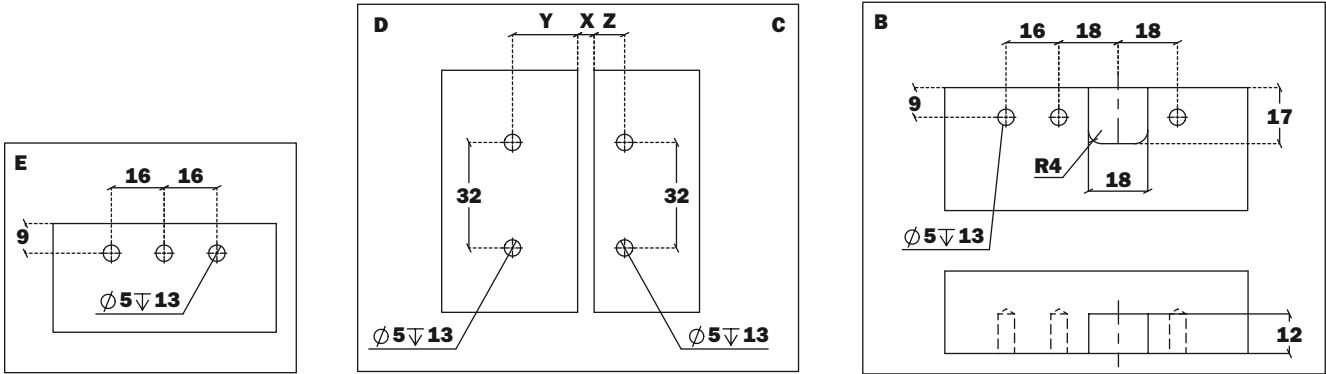
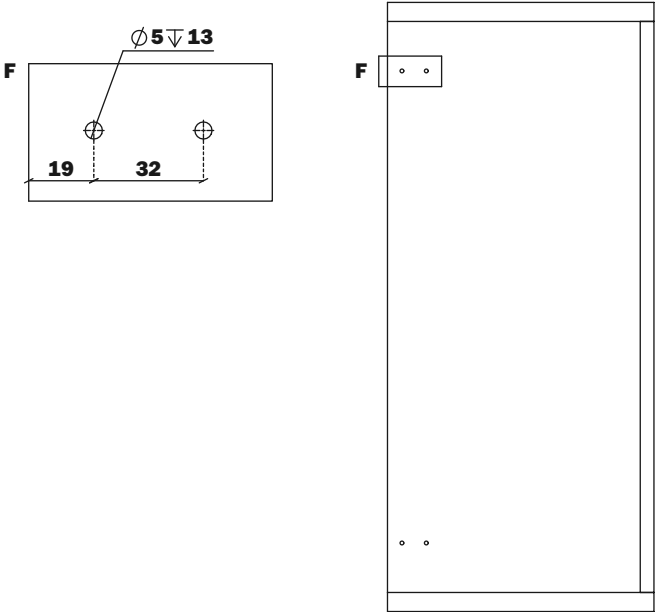
Reveal required for the opening of the INTERNAL door TL2 for aluminium-framed door

Door thickness T	Space needed to open the door A
25 mm	1.8 mm

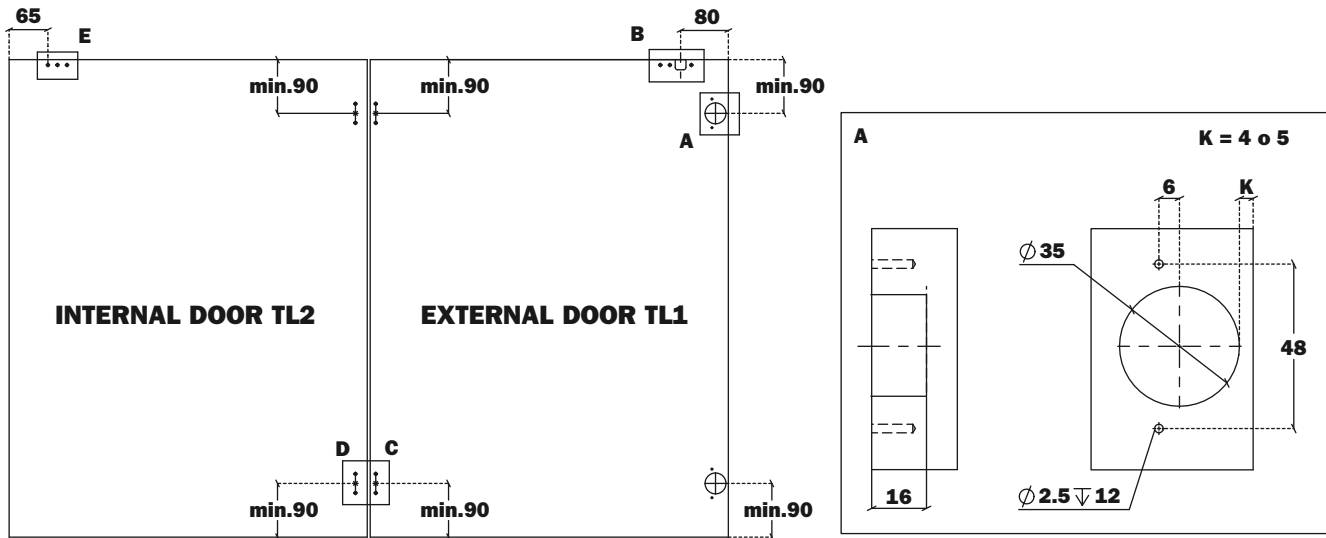
Folder 90 • SILENTIA+ 94° HINGES

TOP - Left-hand opening door

Workings on wooden doors and sides with SILENTIA+ SERIE 200 94° HINGES

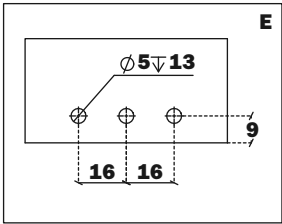
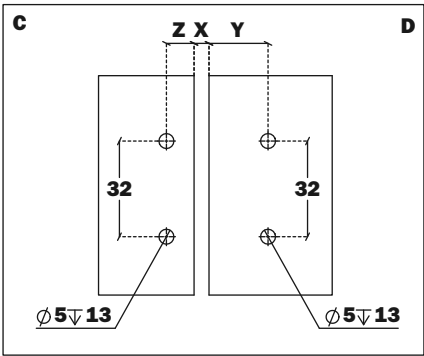
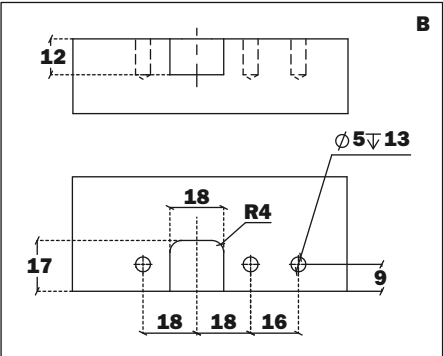
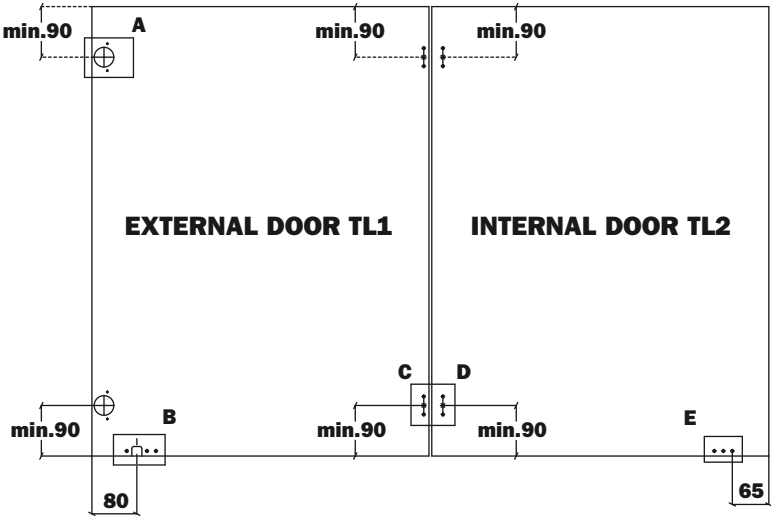
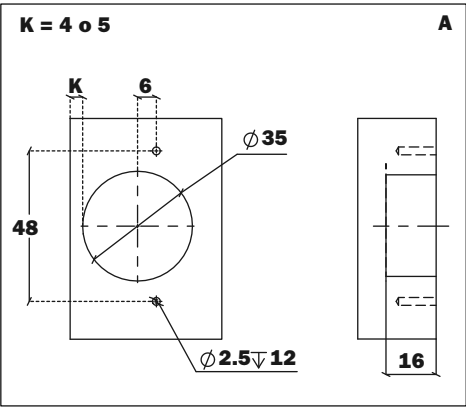
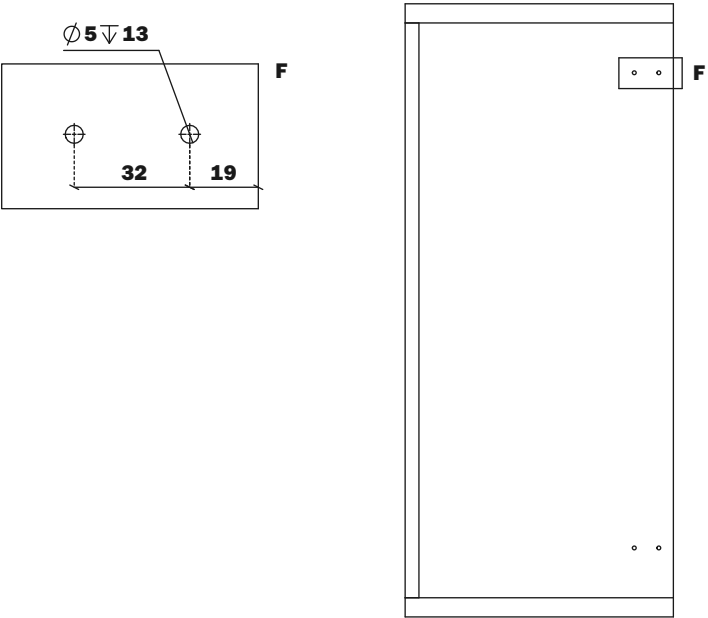


X	Y	Z
3	20.75	10.25
4	20.25	9.75
5	19.75	9.25



BASE - Right-hand opening door

Workings on wooden doors and sides with **SILENTIA+ SERIE 200 94° HINGES**



X	Y	Z
3	20.75	10.25
4	20.25	9.75
5	19.75	9.25

Folder 90 • CONECTA HINGES 94°

Workings on cabinet side with CONECTA 94° HINGES

Holder DQG5B



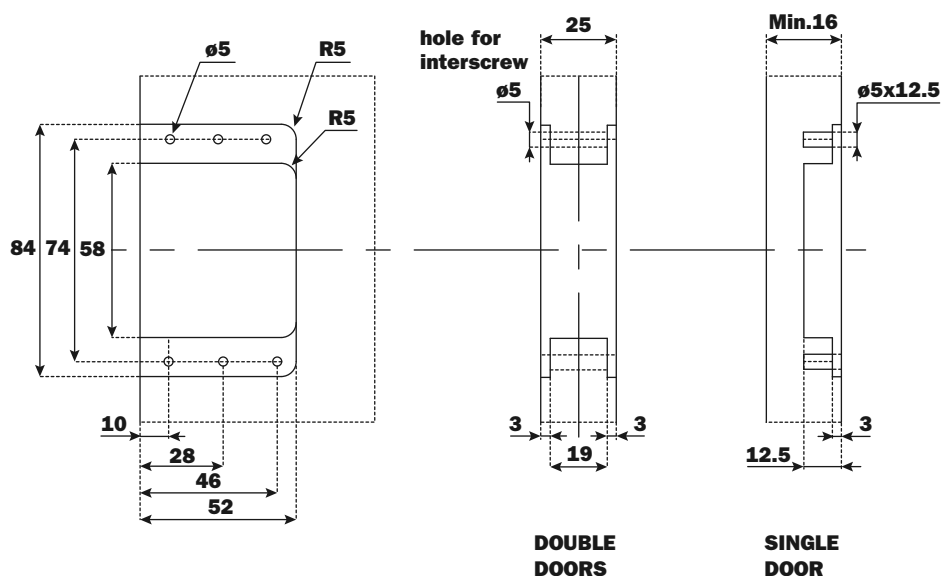
- For single door
- For double doors and side thickness 25 mm

To be screw-fixed on the cabinet side:

- For single door with Euro screws, drilling $\varnothing 5 \times 12.5$ mm
- For double doors with $\varnothing 5$ mm interscrews
- Fixing screws and cover caps included in the single packing
- Fixing screws included in the industrial packing

- Door overlay on side hinged side:

- with CQA3JE and CQZ3JE hinges D1 = 10 mm
- with CQA3KE and CQZ3KE hinges D1 = 14 mm



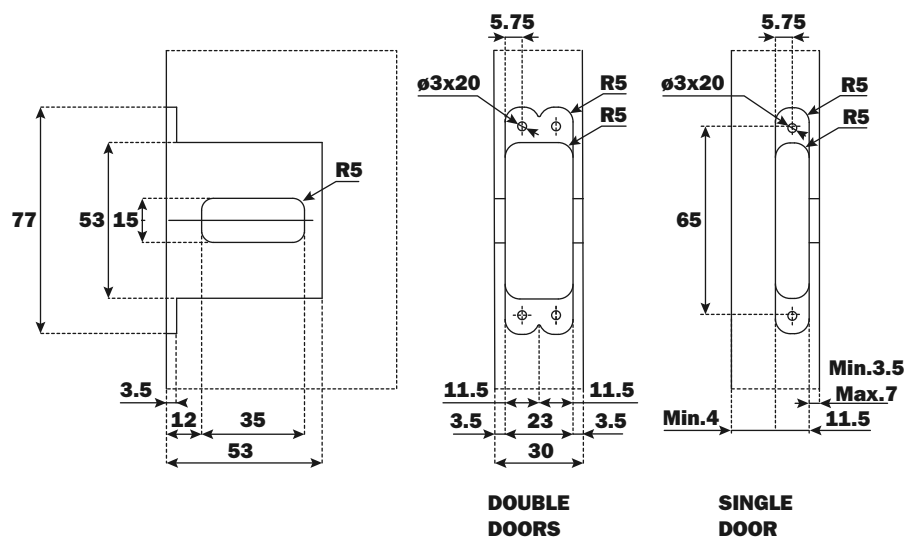
Holder DQG3B

- For single door
- For double doors and side thickness 30 mm

To be screw-fixed on the cabinet side:

- For single door and double doors with $\varnothing 4 \times 25$ mm screws
- Fixing screws and cover caps included in the single packing
- Fixing screws included in the industrial packing

- Door overlay on side hinged side D1 = see tables**



CQA3JE and CQZ3JE Hinges

Workings position	Overlay D1	Side thickness Min.
3.5 mm	12.5 mm	19 mm
4.5 mm	13.5 mm	20 mm
5.5 mm	14.5 mm	21 mm
6.5 mm	15.5 mm	22 mm
7 mm Max.	16 mm	22.5 mm

CQA3KE and CQZ3KE Hinges

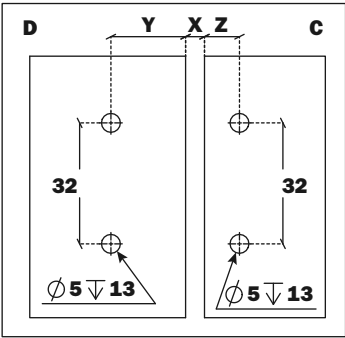
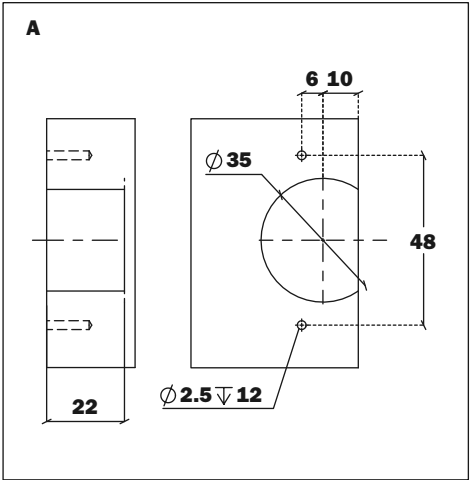
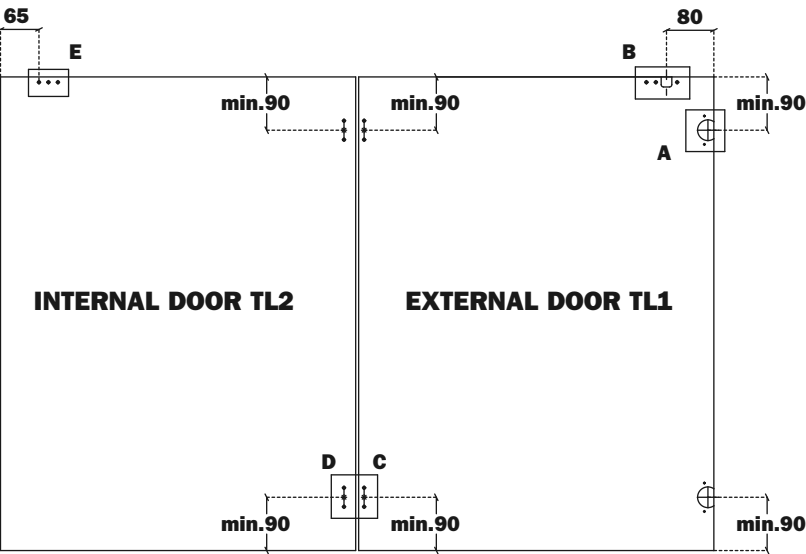
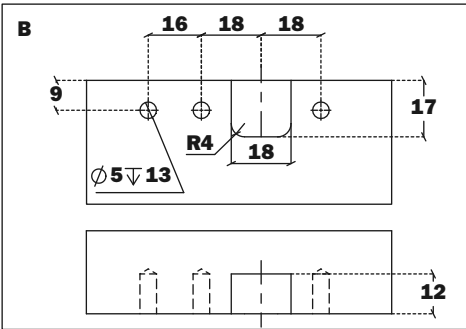
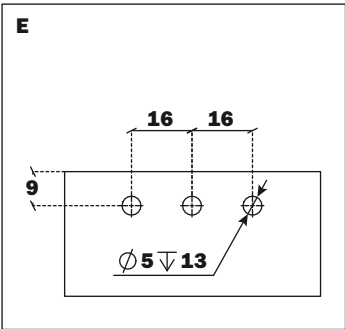
Workings position	Overlay D1	Side thickness Min.
3.5 mm	16.5 mm	19 mm
4.5 mm	17.5 mm	20 mm
5.5 mm	18.5 mm	21 mm
6.5 mm	19.5 mm	22 mm
7 mm Max.	20 mm	22.5 mm

Folder 90 • CONECTA HINGES 94°

TOP - Left-hand opening door

Workings on wooden doors with CONECTA 94° HINGES

Drillings for left-hand opening system.
If more than two hinges are needed, distribute workings A, C and D equally in size J.



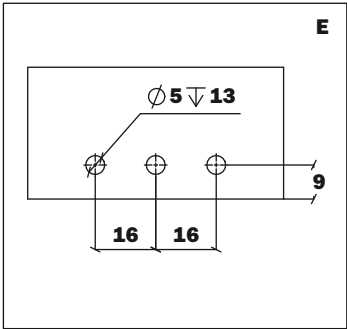
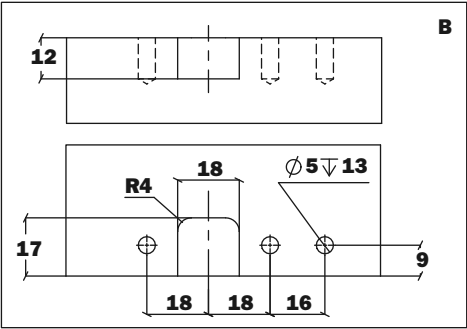
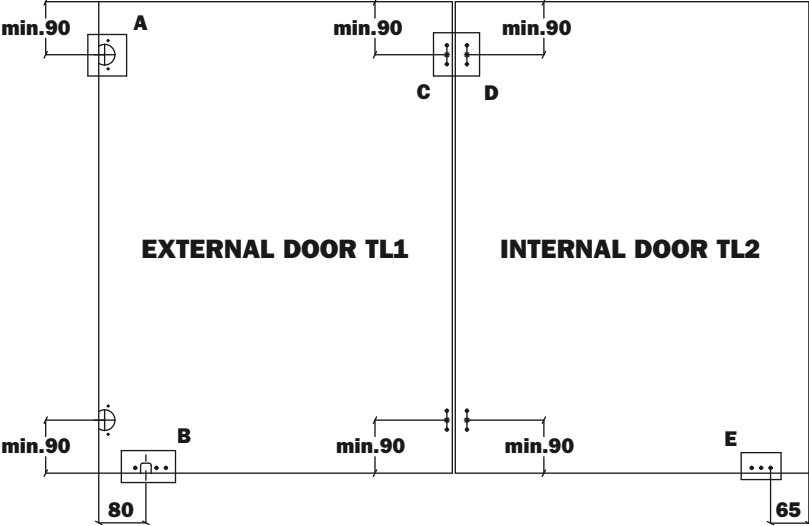
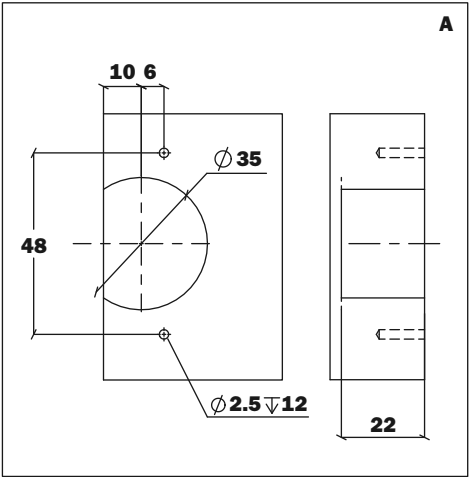
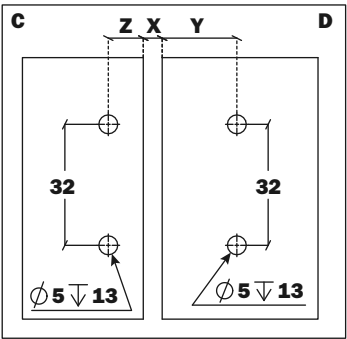
X	Y	Z
3	20.75	10.25
4	20.25	9.75
5	19.75	9.25

BASE - Right-hand opening door

Workings on wooden doors with CONECTA 94° HINGES

Drillings for left-hand opening system.
If more than two hinges are needed, distribute workings A, C and D equally in size J.

X	Y	Z
3	20.75	10.25
4	20.25	9.75
5	19.75	9.25



Folder 90 • CONECTA 94° HINGES

Assembly of aluminium-framed doors

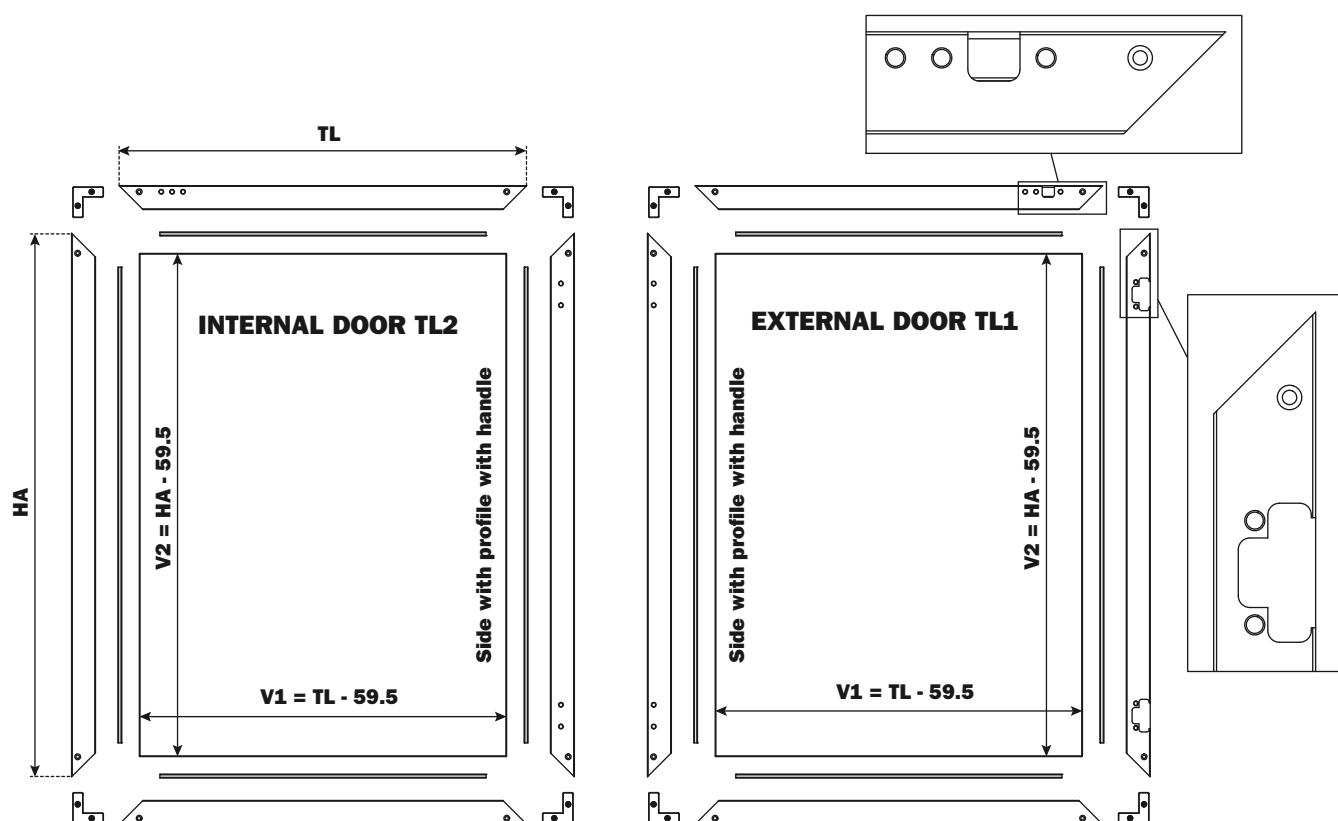
For the assembly sequence of aluminium-framed doors, see the DOOR WORKING SPECIFICATIONS manual included in the package.

Glass sizing

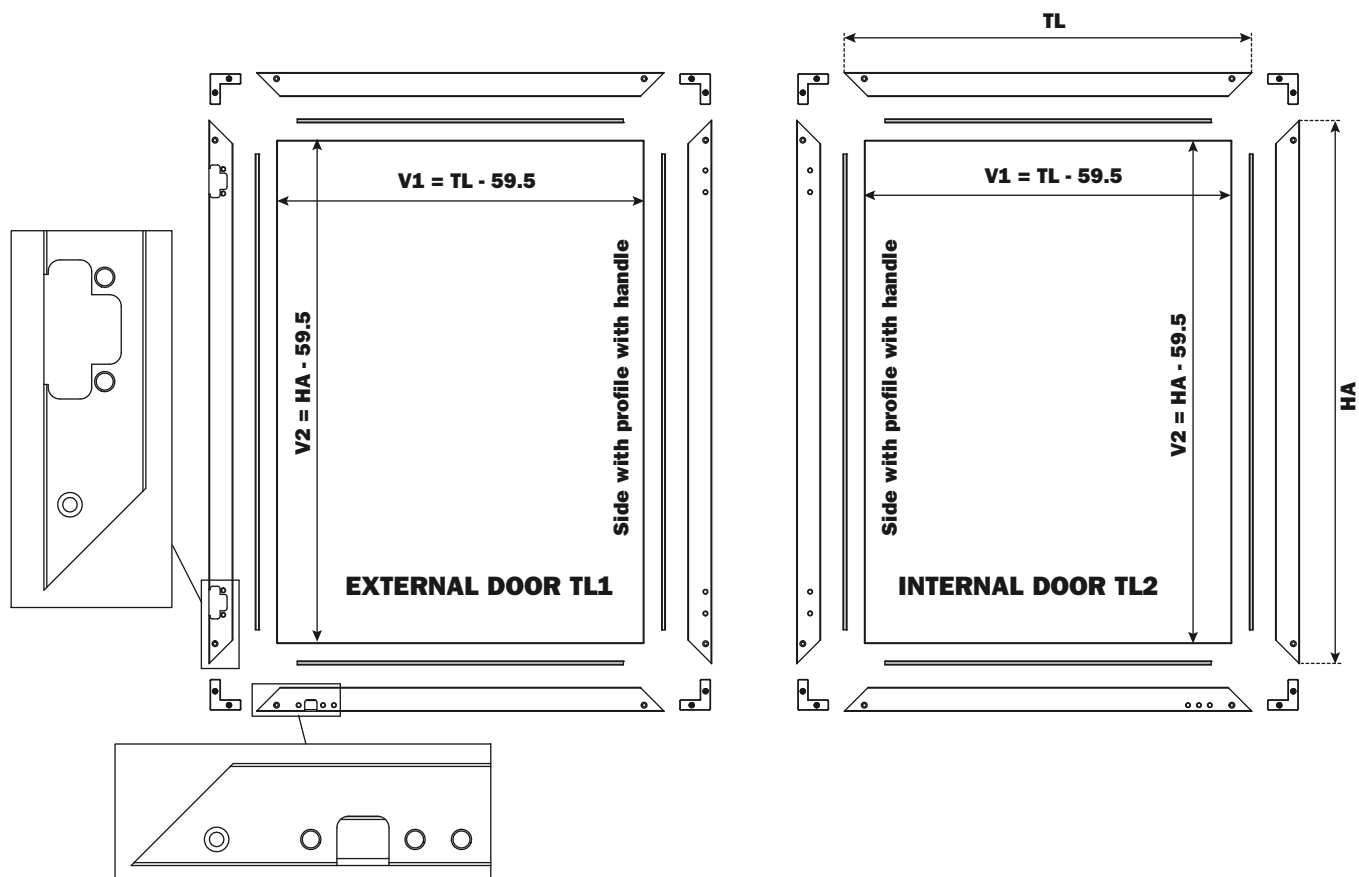
V1 = Glass width
V2 = Glass height

TL = Door width
HA = Door height

TOP - Left-hand opening door



BASE - Right-hand opening door



Tightening of threaded bushes for M4 metric screws before fixing the hinges

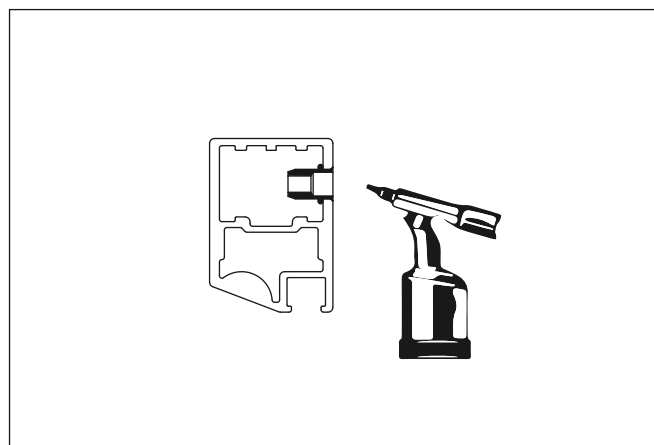
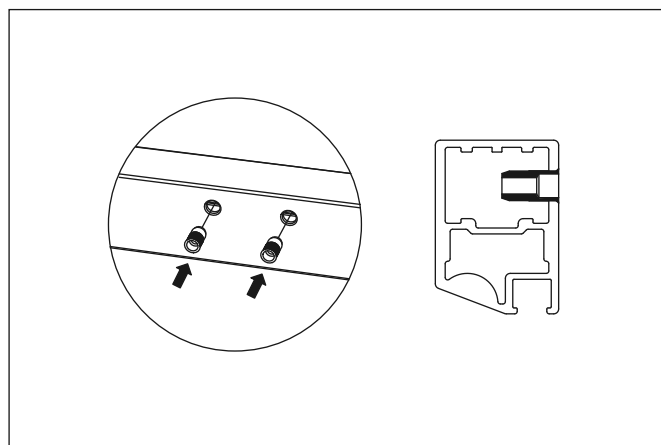
Insertion of threaded bushes

Insert the threaded bushes in the appropriate place

Fasten the threaded bushes to the frame using a riveting tool.

Check the tightness of the threaded bushes before fixing the hinges to the frame.

Remove and replace any threaded bushes not properly secured.

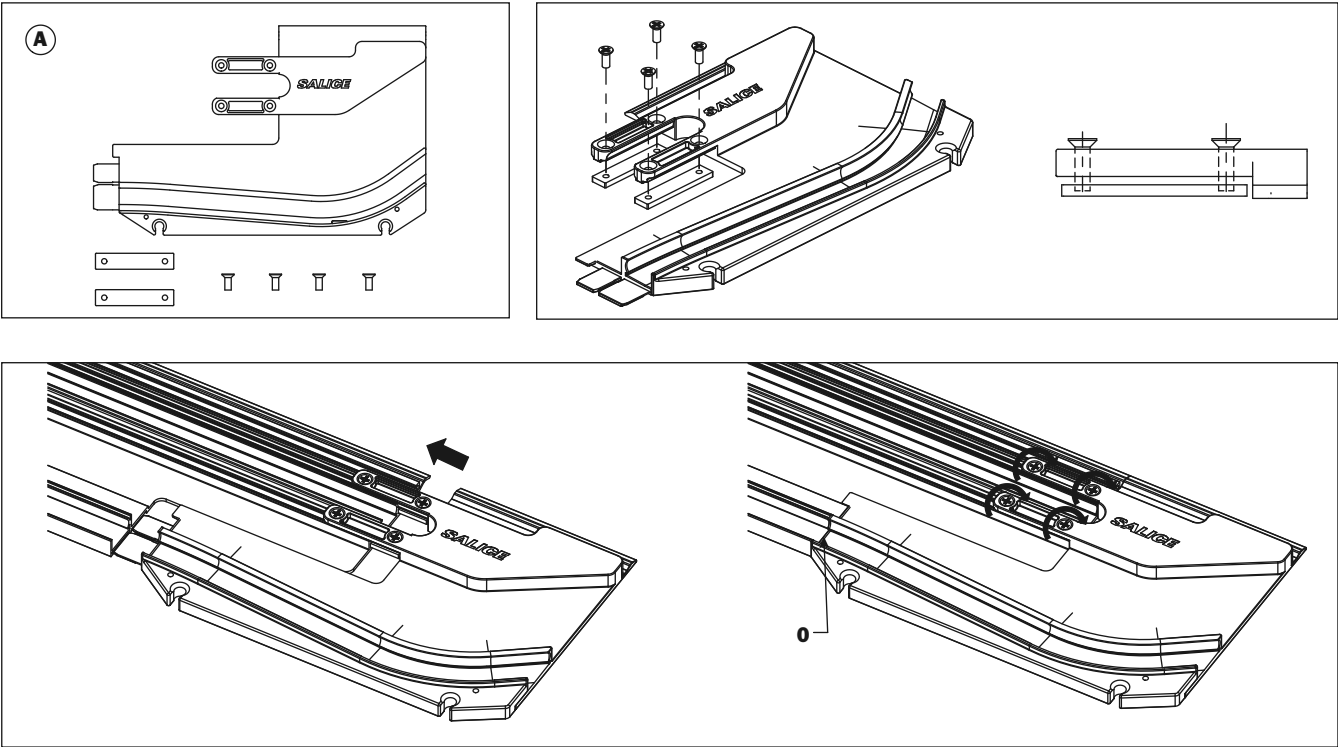




Folder 90 • Preparation of system

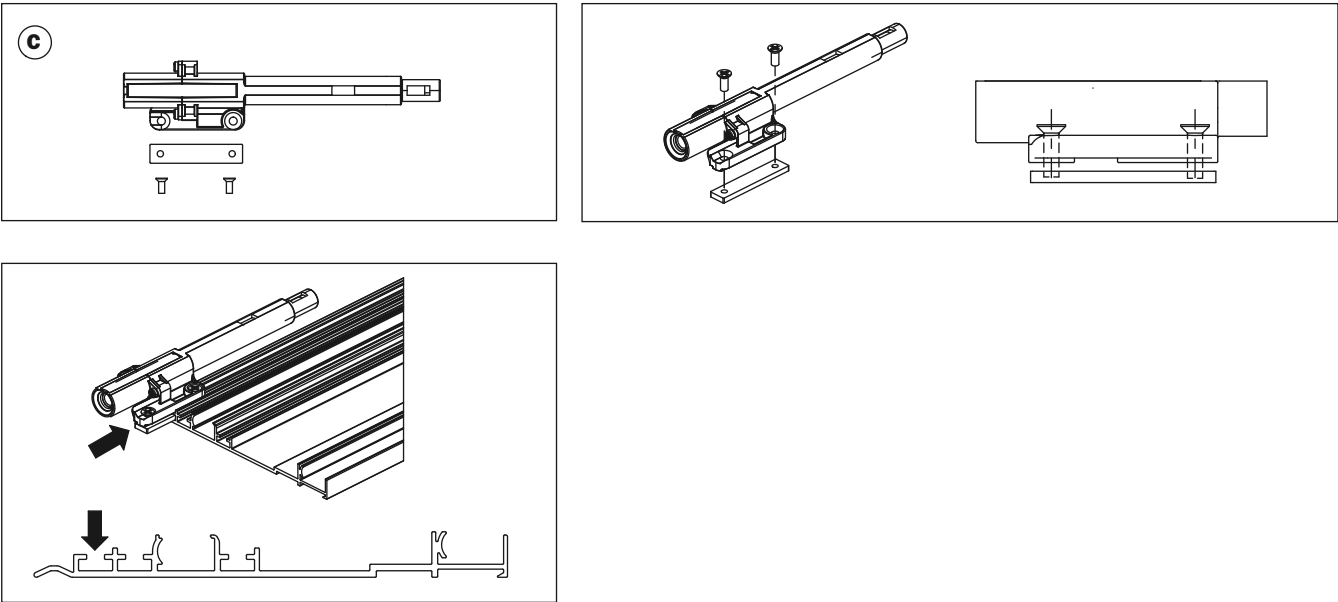
INTERNAL terminal

BAG A

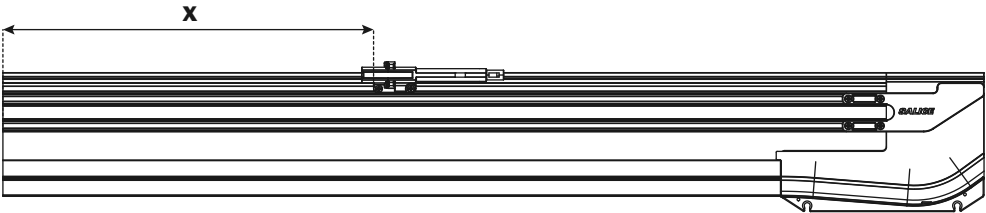


Prepare the central components of the system

BAG C

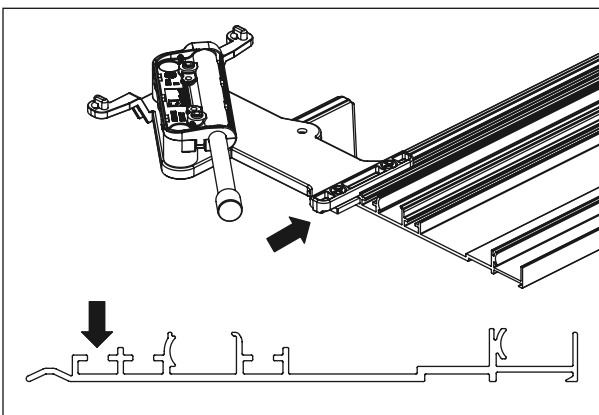
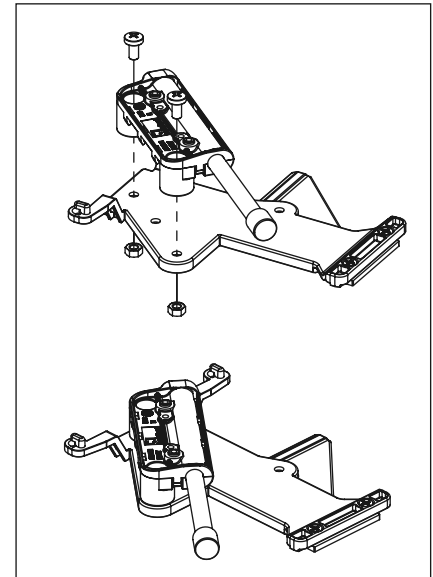
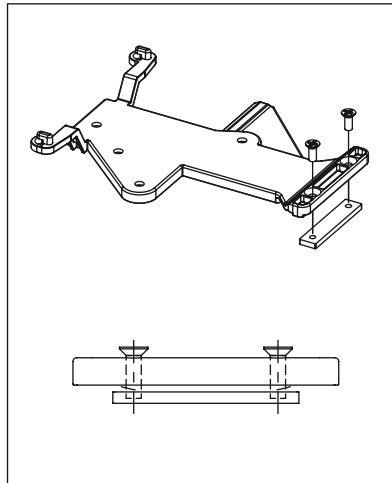
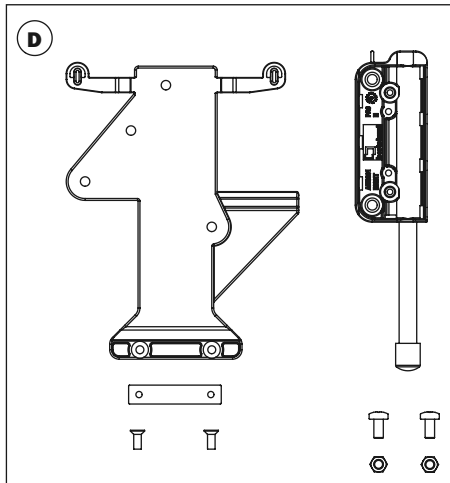


	X
CONECTA 94° WOODEN DOORS	438 mm
CONECTA 94° ALUMINIUM- FRAMED DOORS	438 mm
SILENTIA 94°	446 mm



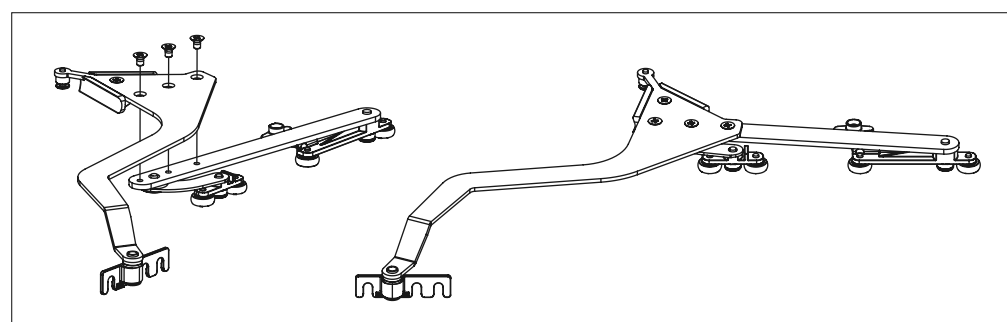
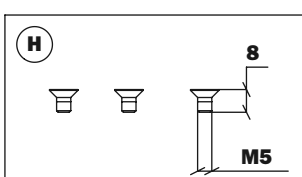


BAG D



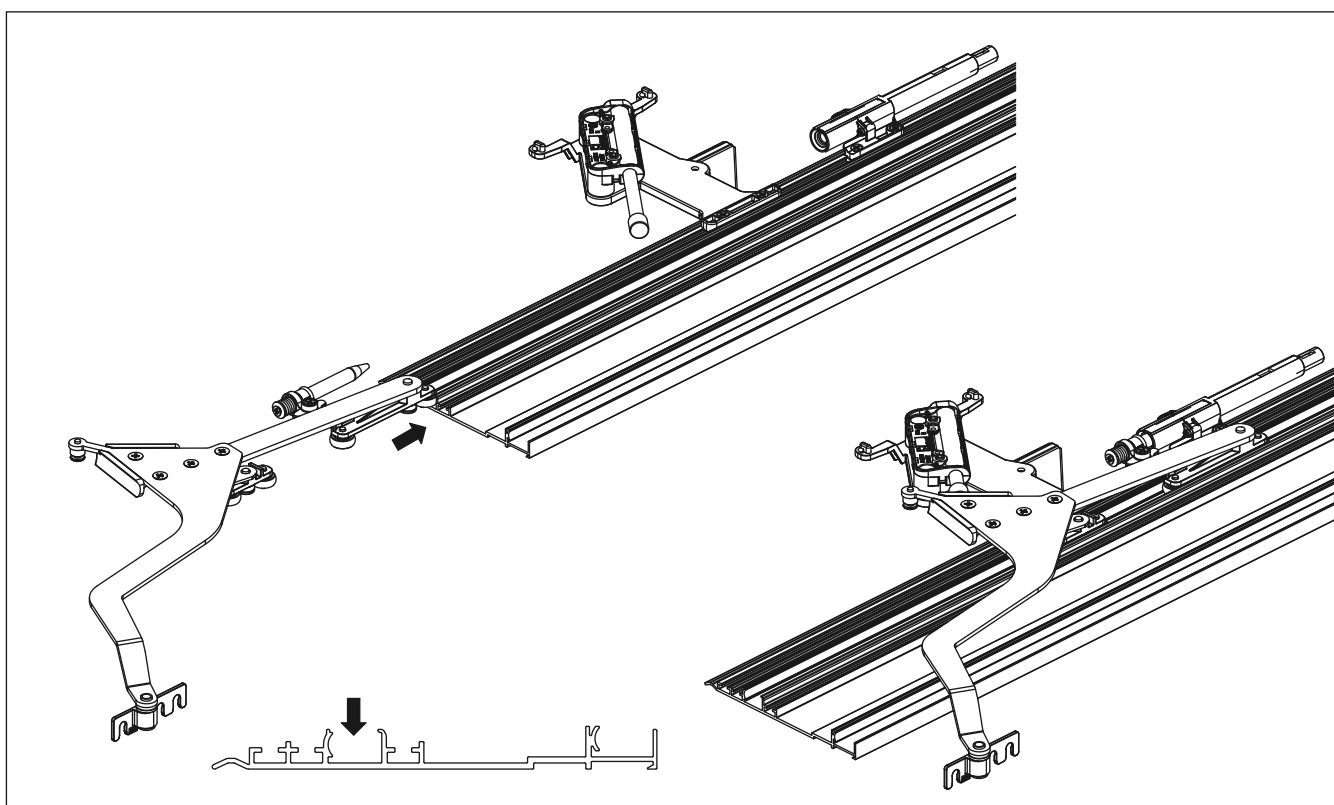
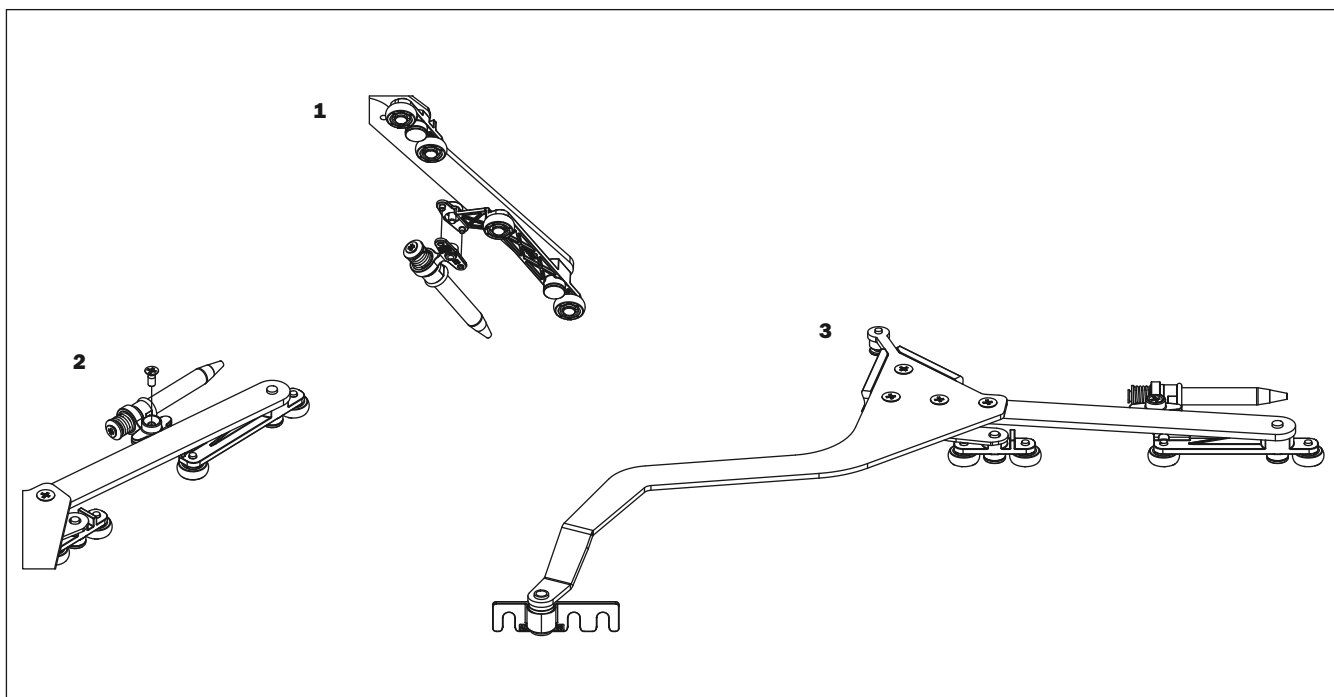
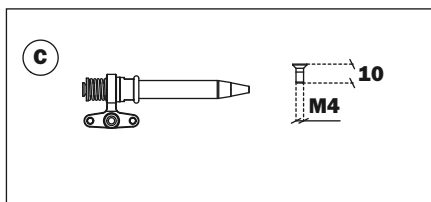
	Y
CONECTA 94° WOODEN DOORS	298 mm
CONECTA 94° ALUMINIUM- FRAMED DOORS	298 mm
SILENTIA 94°	303 mm

BAG H



Folder 90 • Preparation of system

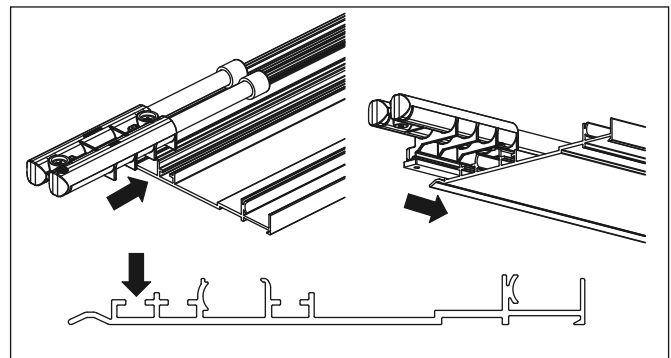
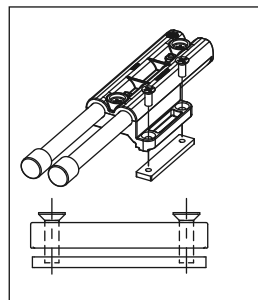
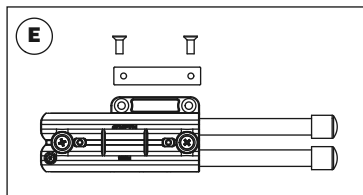
BAG C



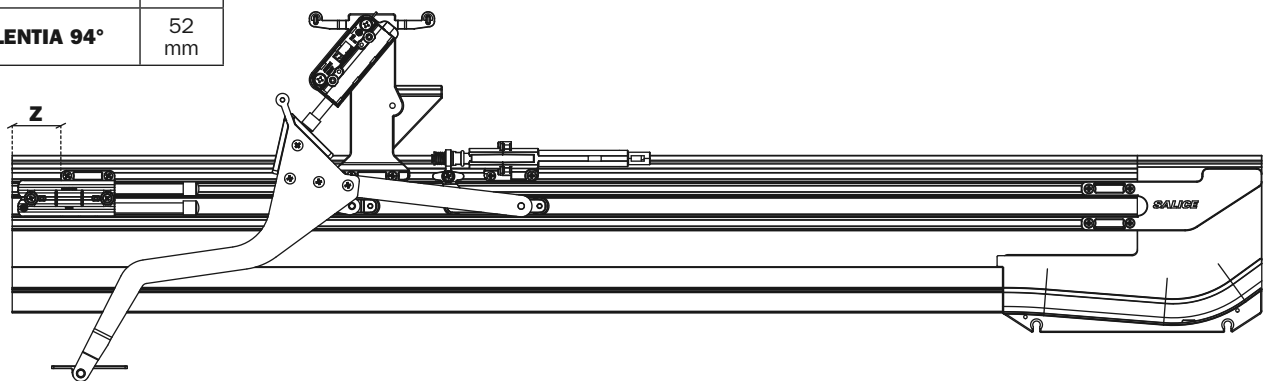


EXTERNAL terminal

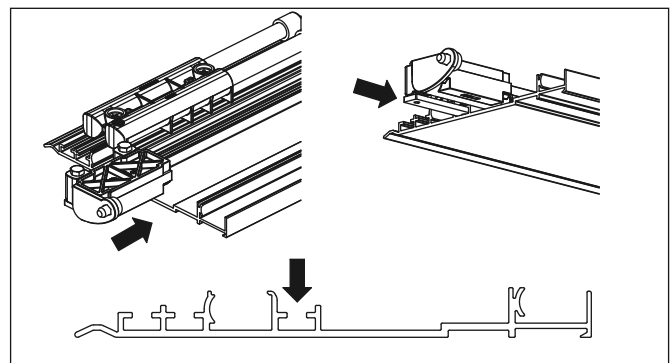
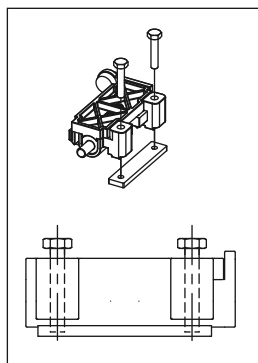
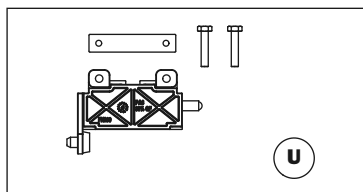
BAG E



	Z
CONECTA 94° WOODEN DOORS	41 mm
CONECTA 94° ALUMINIUM- FRAMED DOORS	41 mm
SILENTIA 94°	52 mm

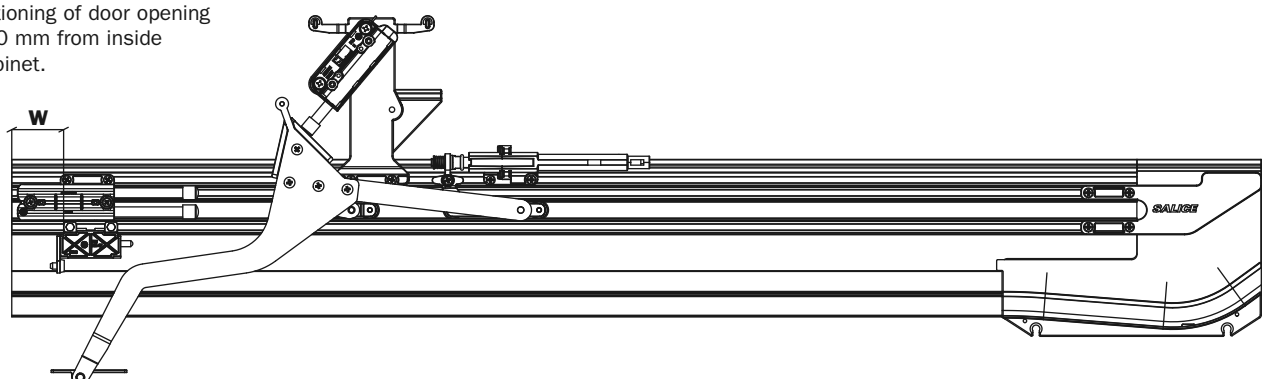


BAG U

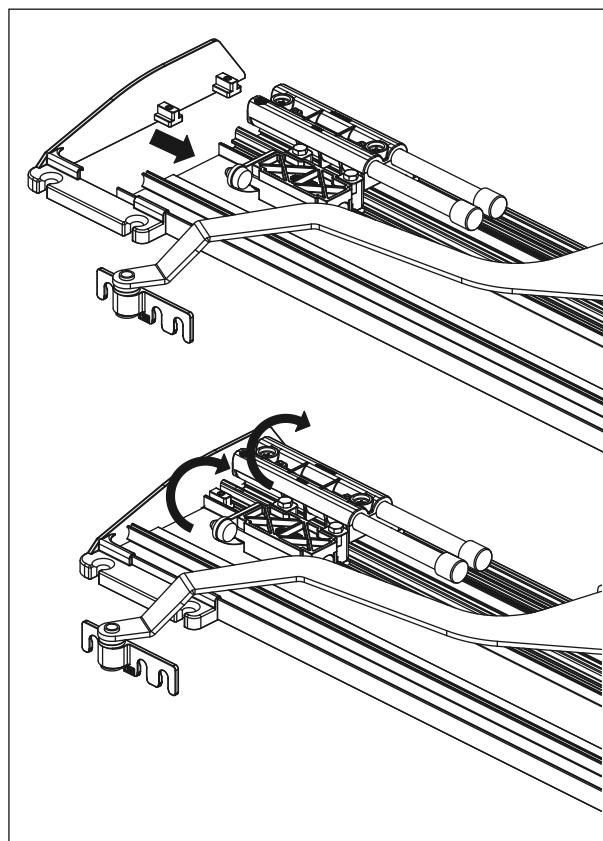
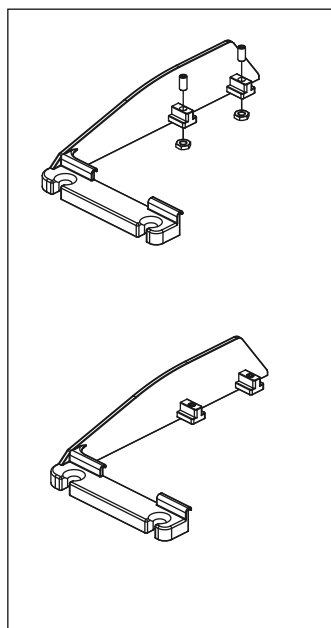
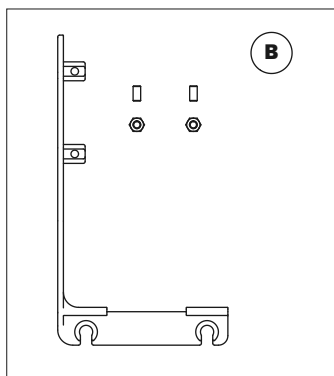


	W
CONECTA 94° WOODEN DOORS	58 mm*
CONECTA 94° ALUMINIUM- FRAMED DOORS	58 mm*
SILENTIA 94°	58 mm*

* Positioning of door opening stop 90 mm from inside the cabinet.

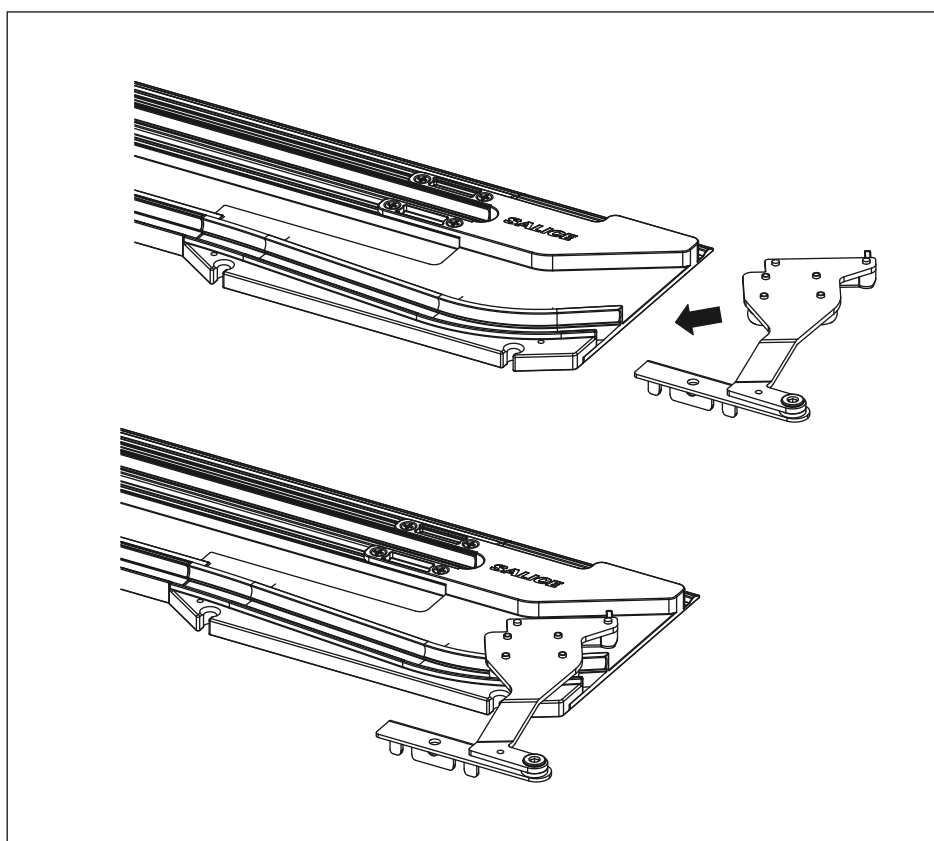
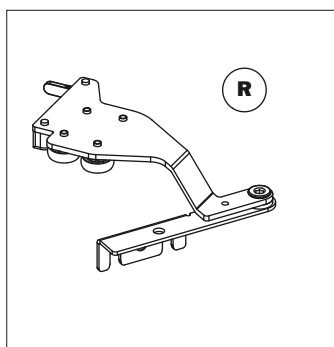


Folder 90 • Preparation of system



Internal arm

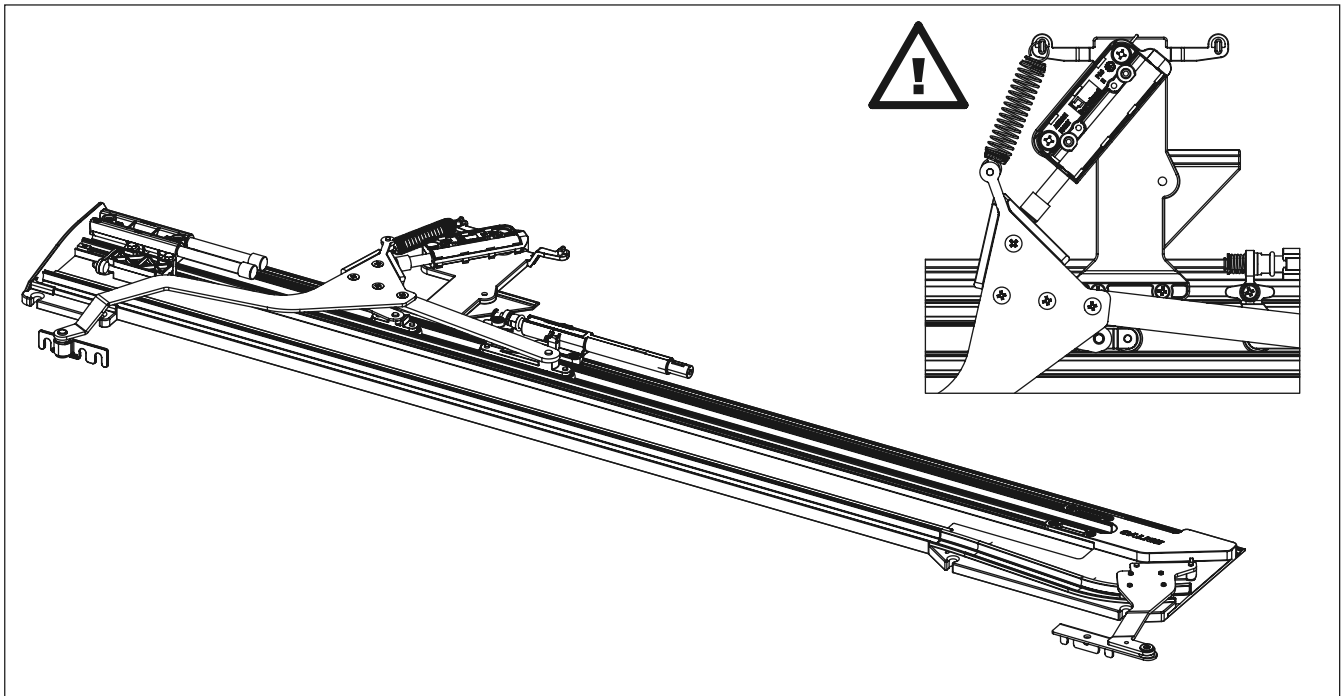
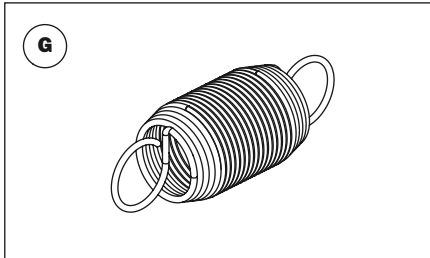
BAG R





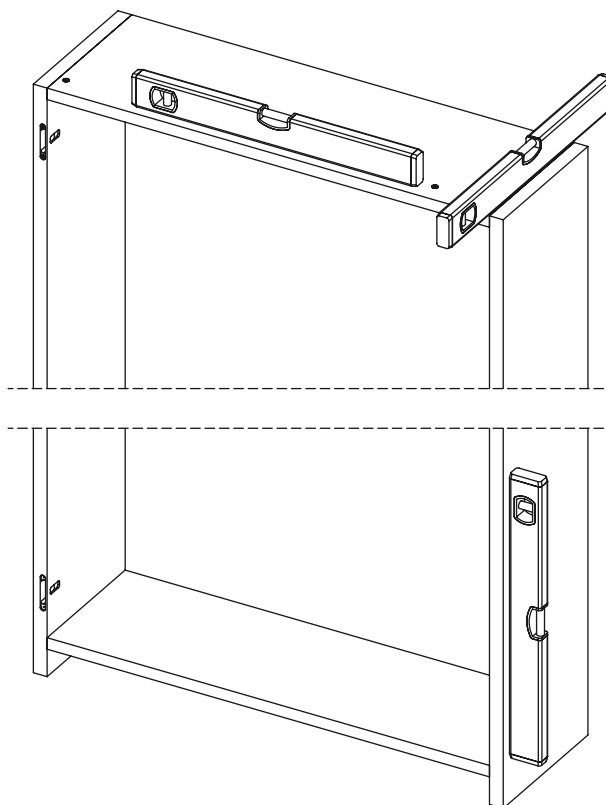
Door speed adjustment

BAG G



Folder 90 • Preparation of cabinet

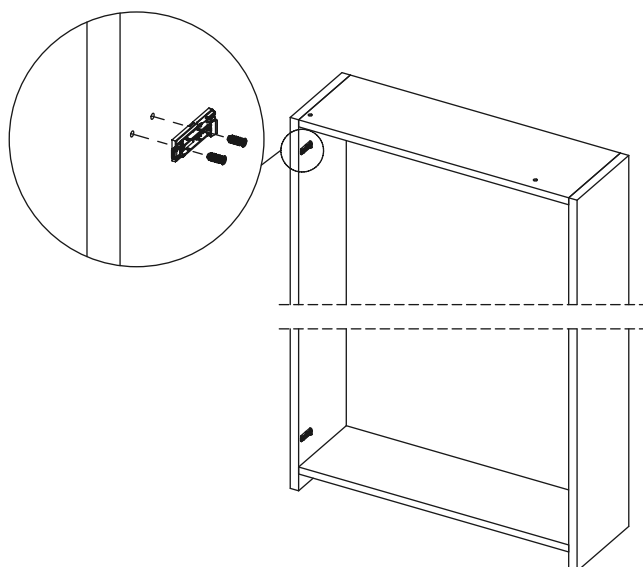
Adjusting the cabinet



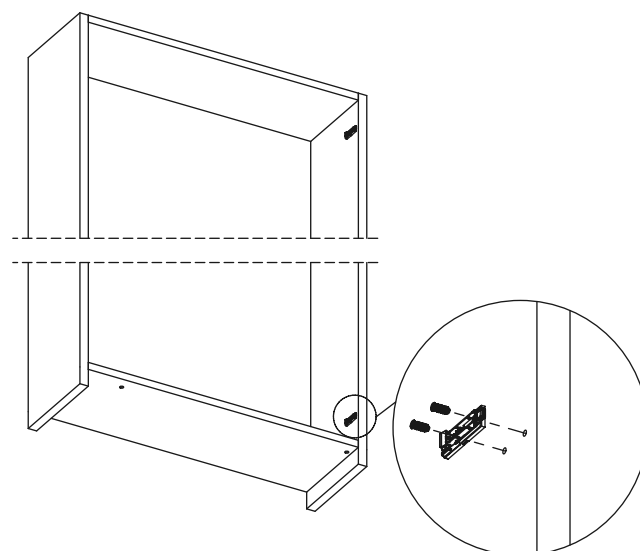
Use of SILENTIA+ 94° HINGES

Apply the mounting plate to the side of the cabinet

TOP - Left-hand opening door



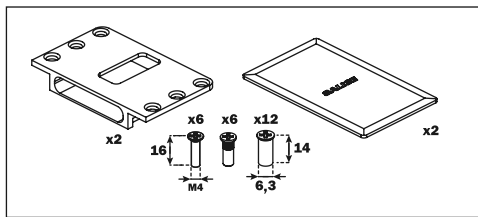
BASE - Right-hand opening door



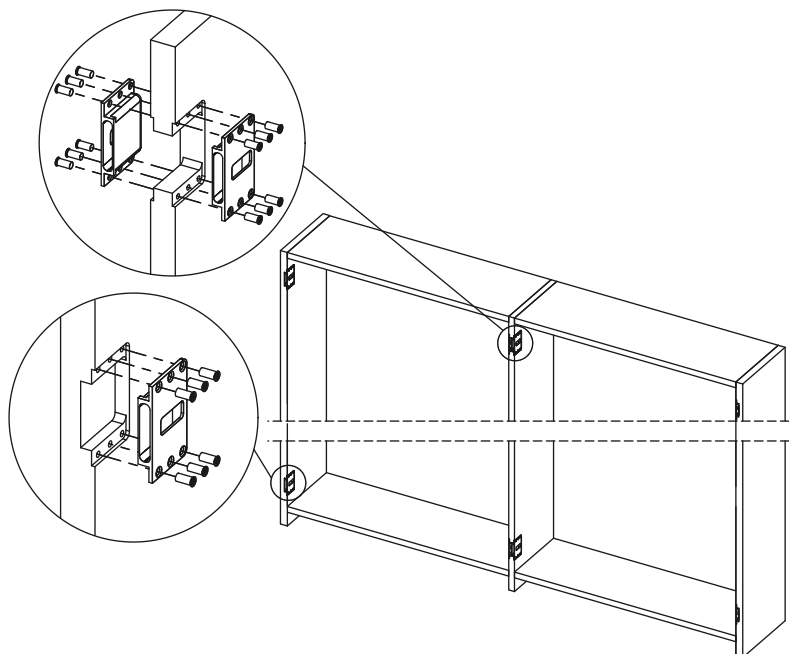


Use of CONECTA hinges with holder DQG5B

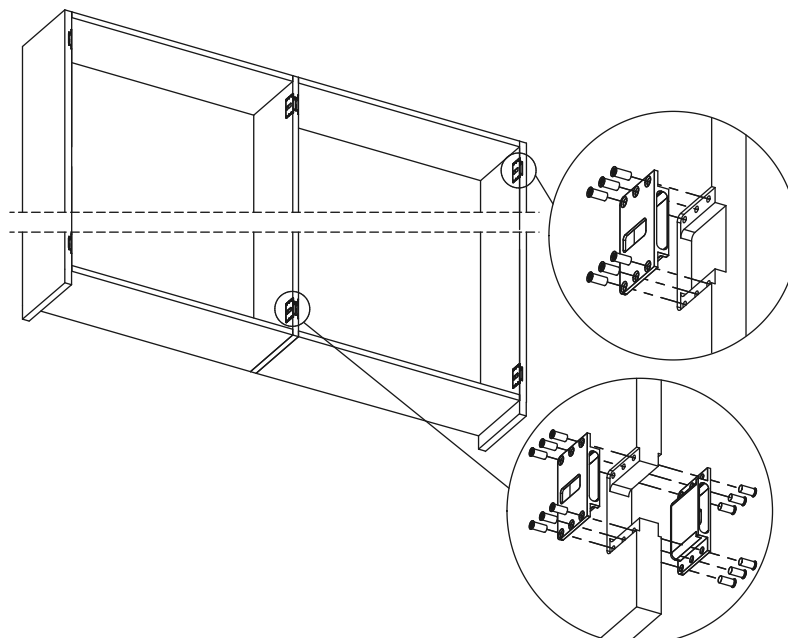
Insert the holders on the side of the cabinet. For double doors, use the interscrews supplied



TOP - Left-hand opening door



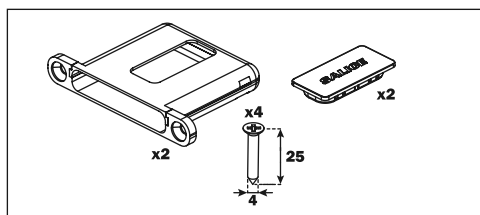
BASE - Right-hand opening door



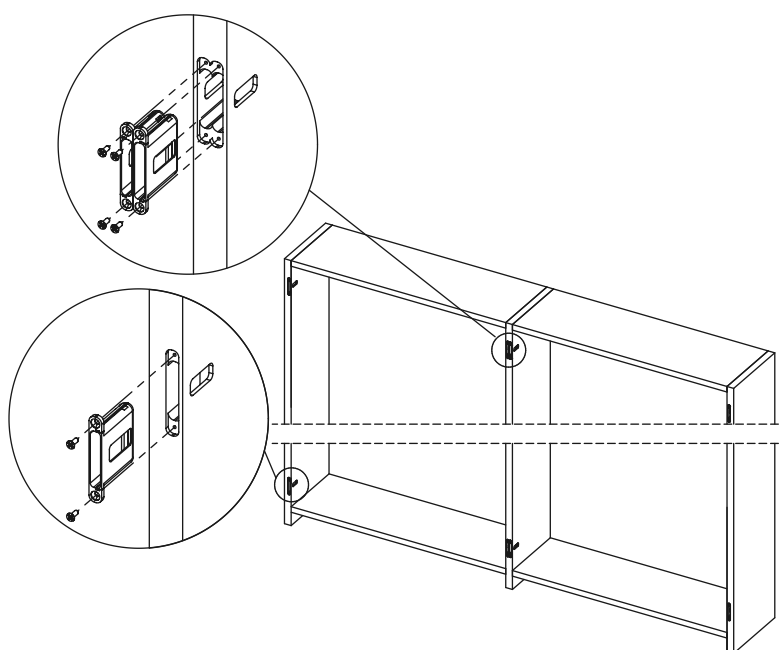
Folder 90 • Preparation of cabinet

Use of CONECTA hinges with holder DQG3B

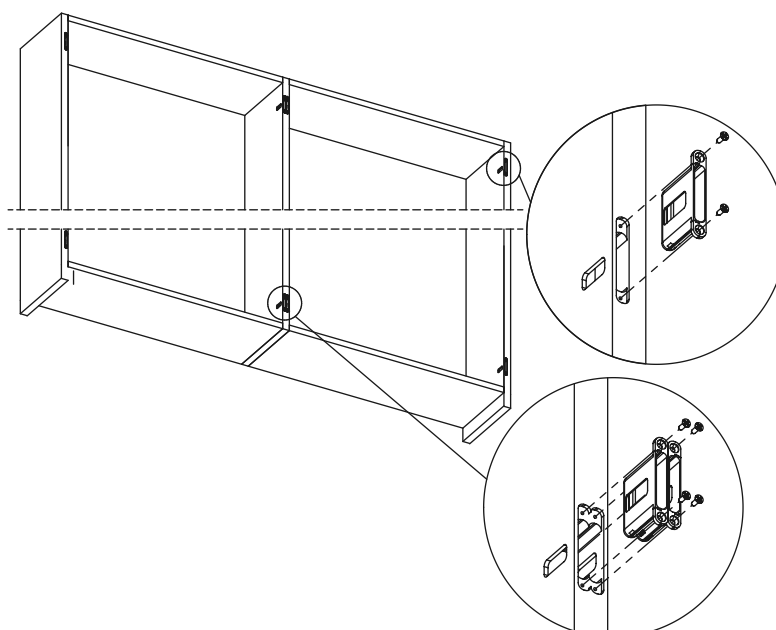
Insert the holders on the side of the cabinet.



TOP - Left-hand opening door



BASE - Right-hand opening door

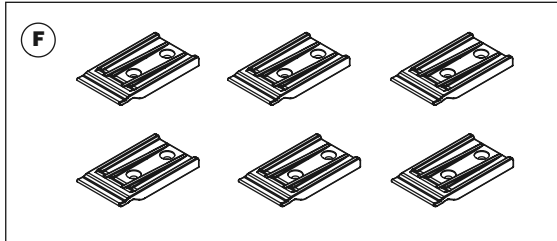




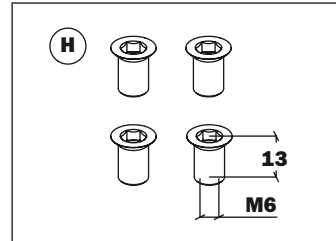
Application of clips

Apply the clips using wooden screws. Screws not included. Insert the threaded bushes M6 supplied.

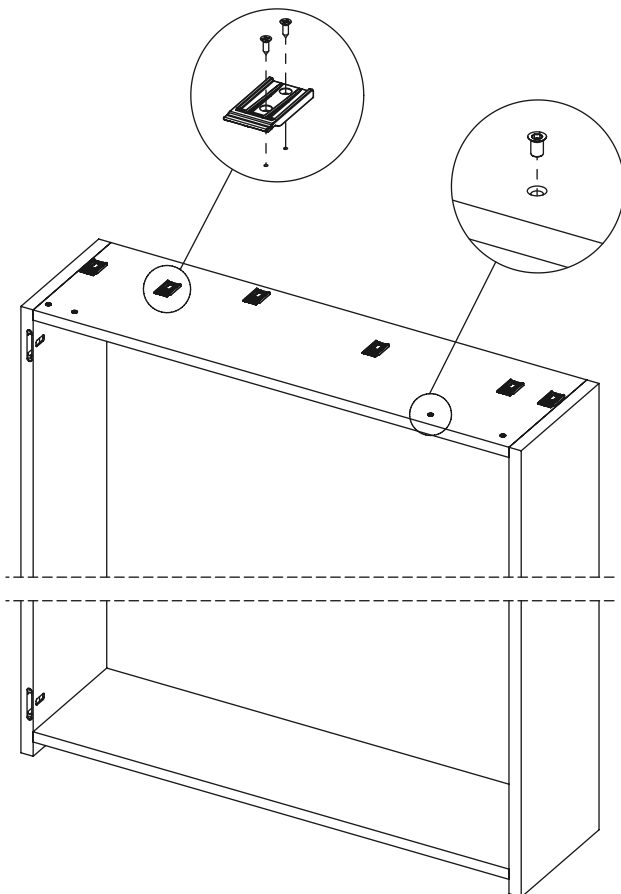
BAG F



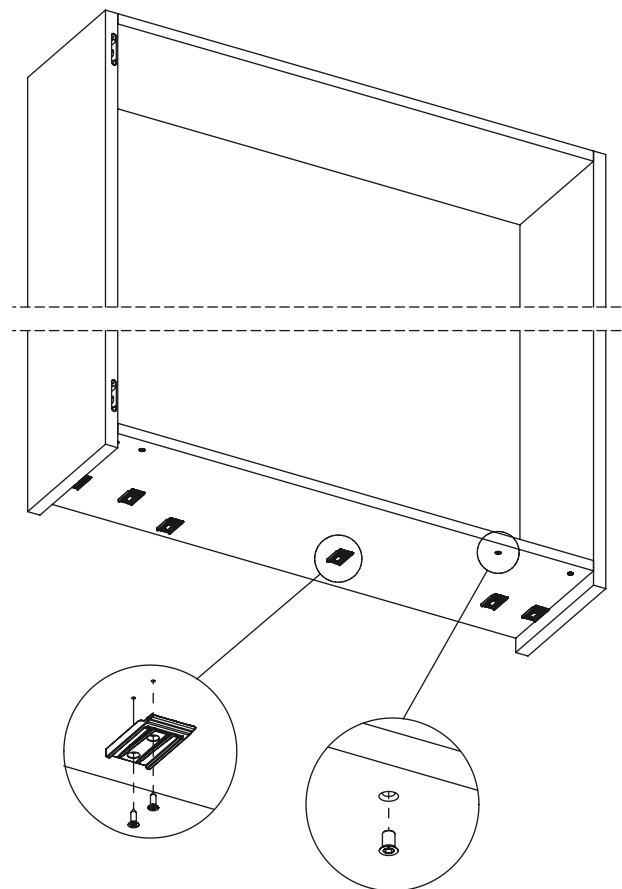
BAG H



TOP - Left-hand opening door



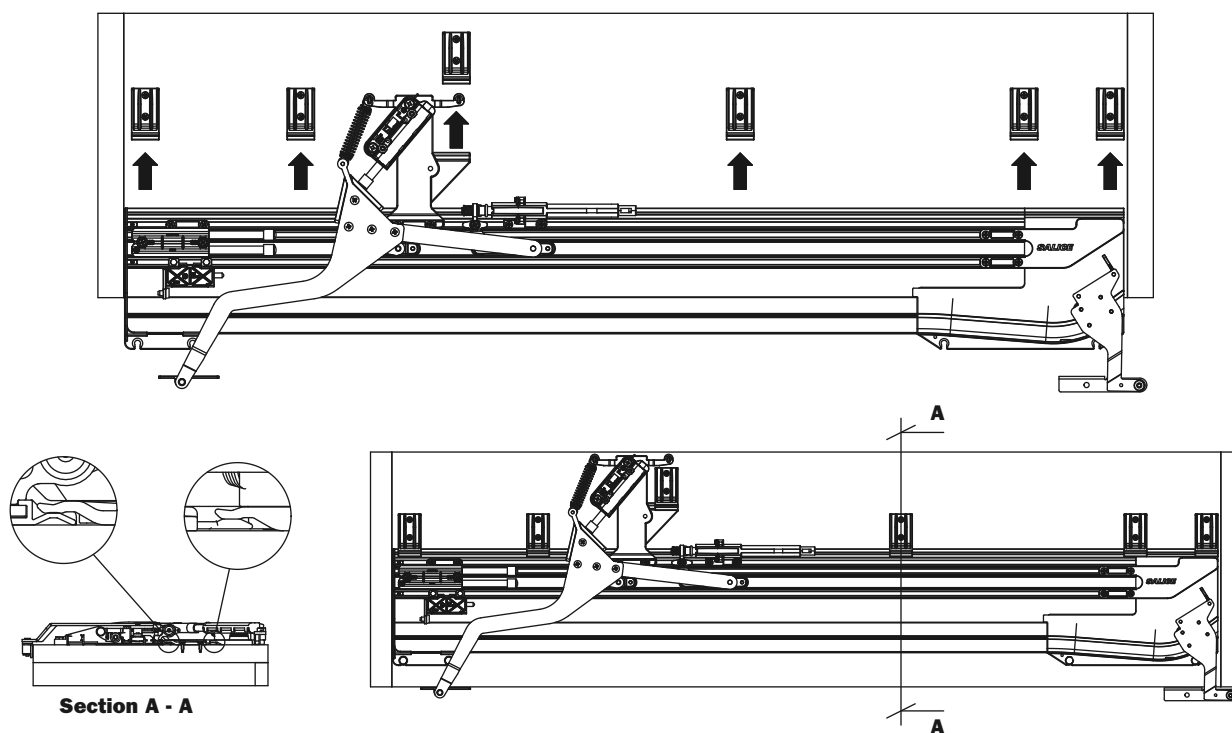
BASE - Right-hand opening door



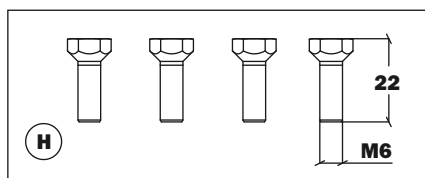
Folder 90 • System assembly

TOP - Left-hand opening door

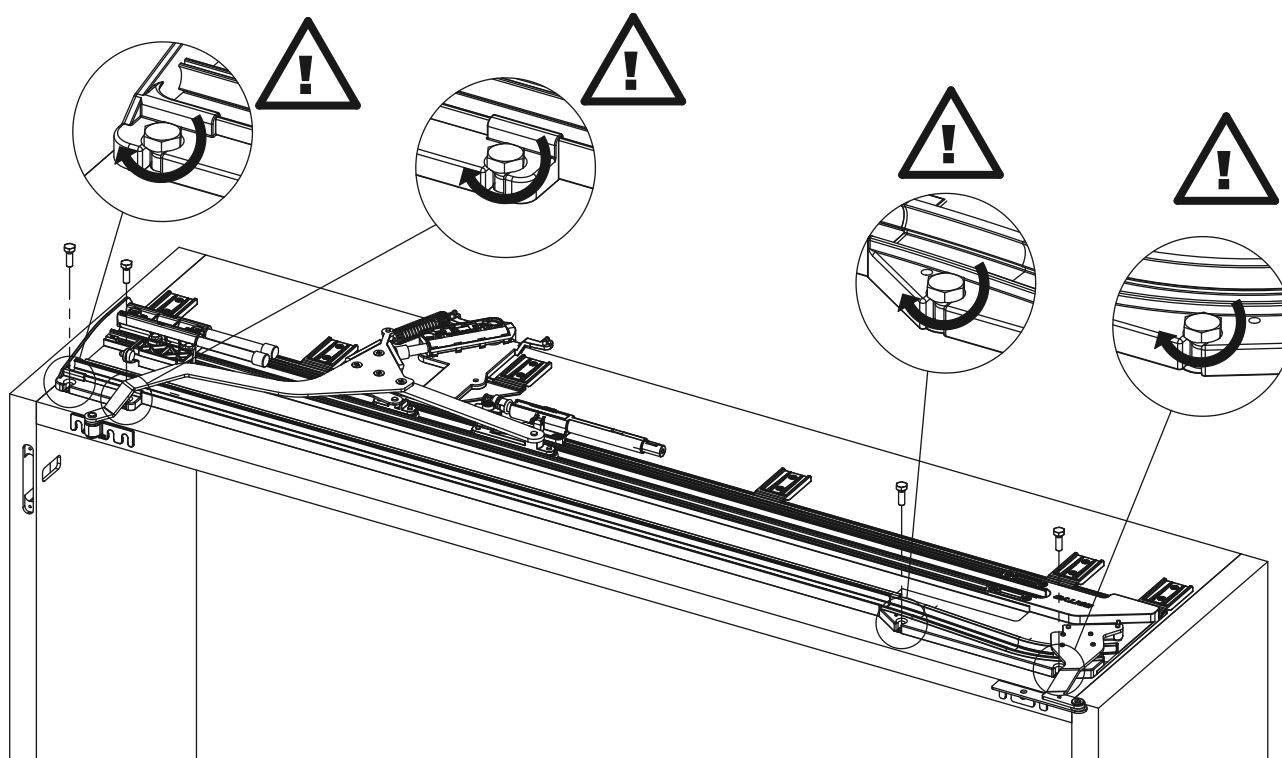
Insert the previously assembled system by sliding it in the direction indicated by the arrows until it engages in the clips.



BAG H



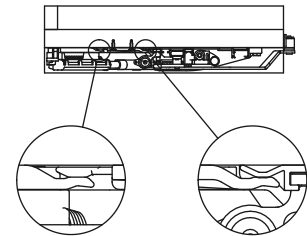
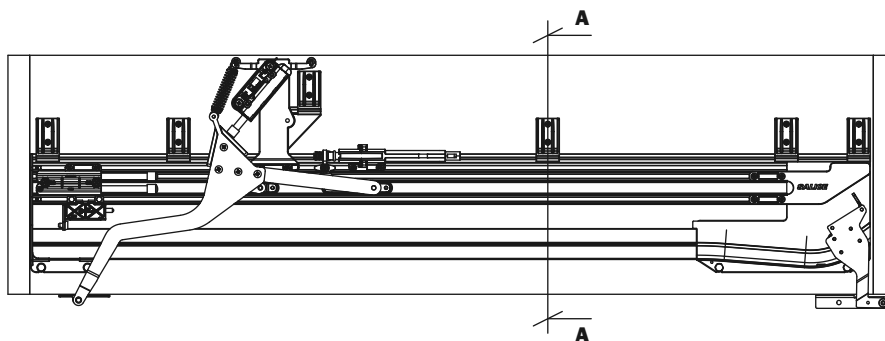
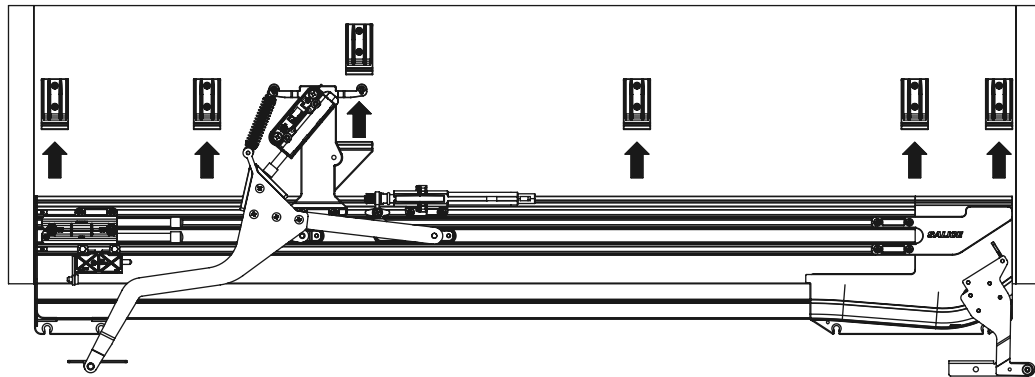
Secure the system using the screws supplied





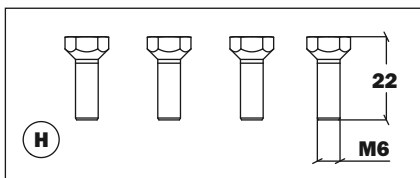
BASE - Right-hand opening door

Insert the previously assembled system by sliding it in the direction indicated by the arrows until it engages in the clips.

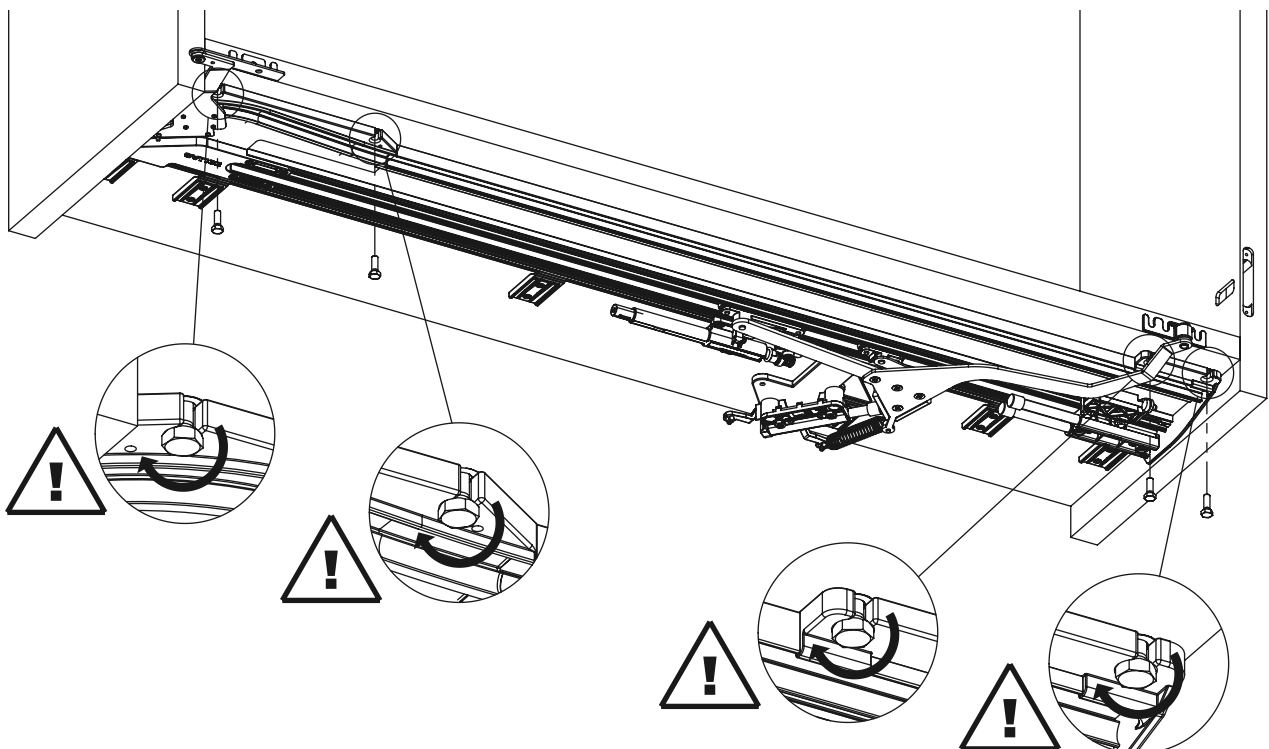


Section A - A

BAG H



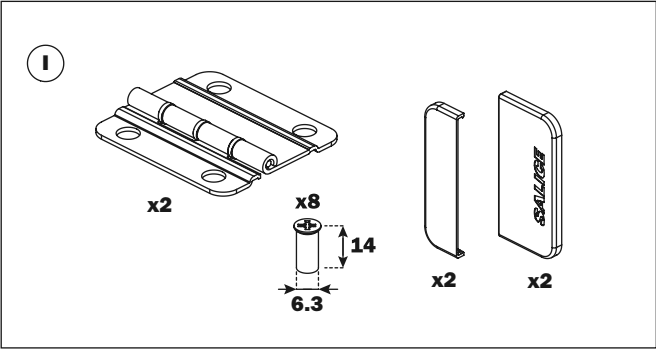
Secure the system using the screws supplied



Folder 90 • Hinges

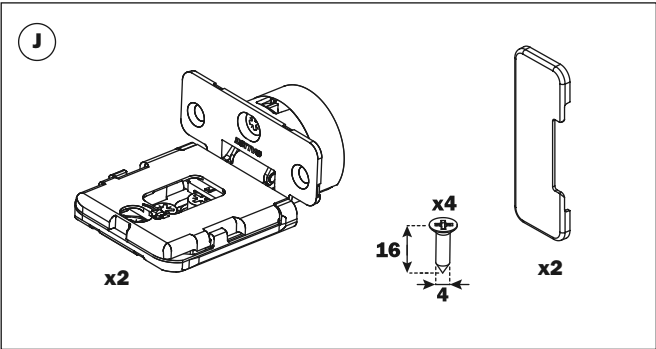
BAG I

CENTRAL HINGES

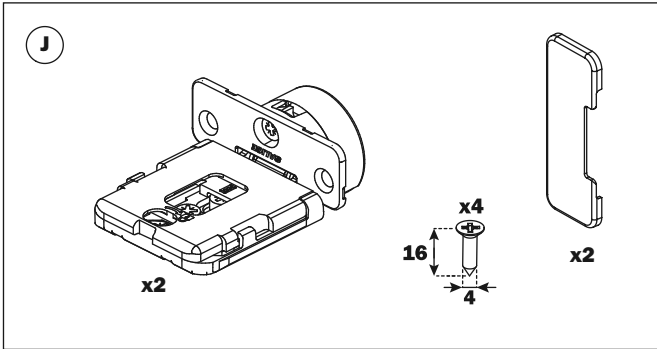


BAG J

CONECTA 94° WOODEN DOORS HINGES 10/12.5

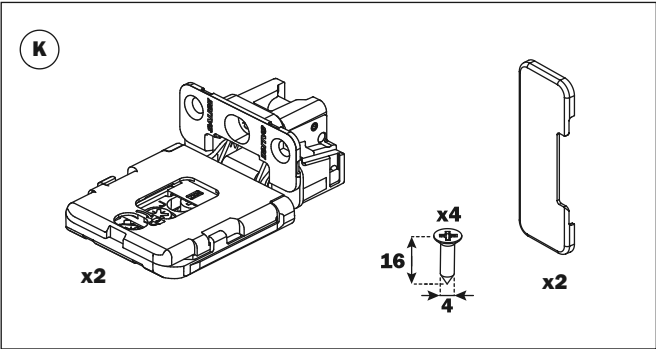


CONECTA 94° WOODEN DOORS HINGES 14/16.5

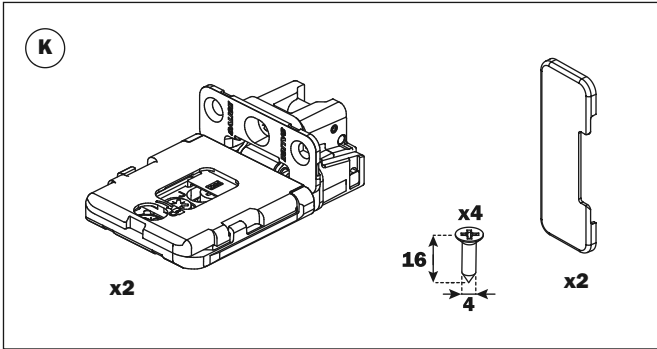


BAG K

CONECTA 94° ALUMINIUM-FRAMED DOORS HINGES 10/12.5

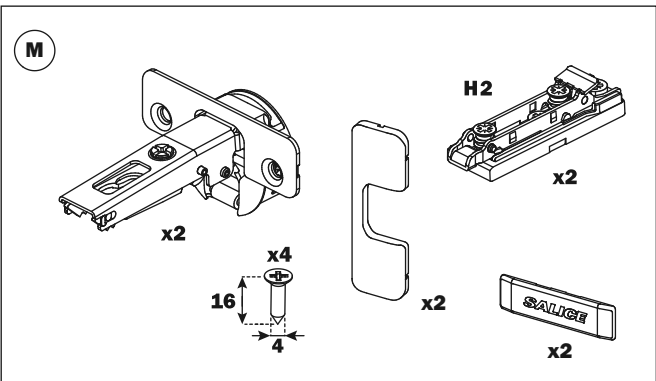


CONECTA 94° ALUMINIUM-FRAMED DOORS HINGES 14/16.5

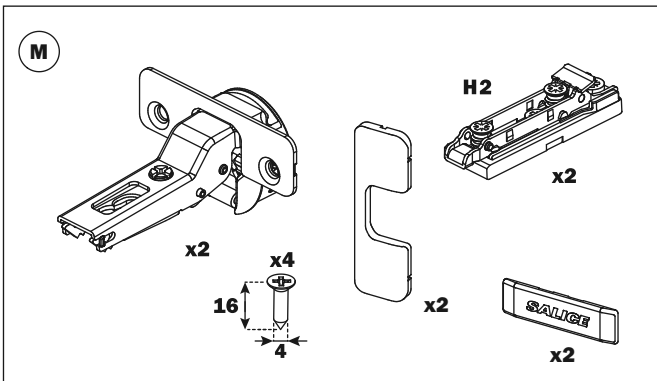


BAG M

SILENTIA+ 94° HINGES ARM 0



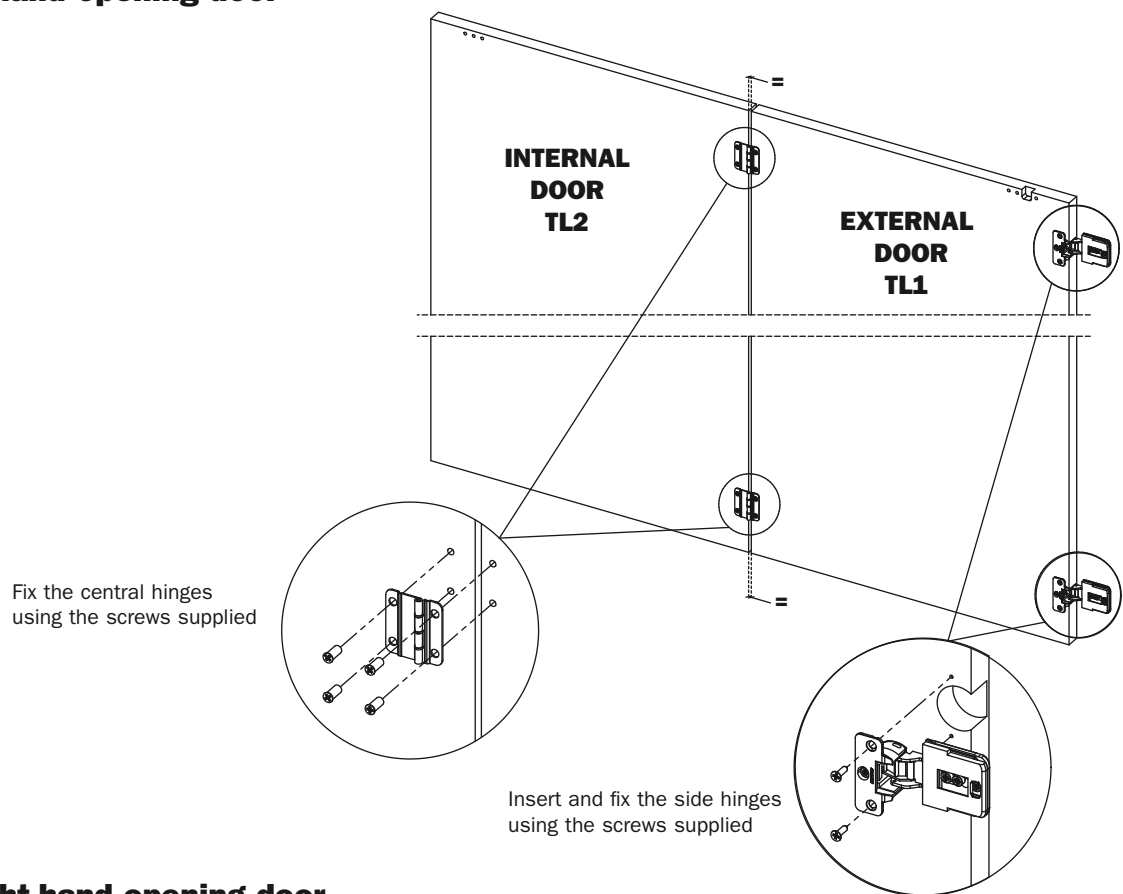
SILENTIA+ 94° HINGES ARM 9



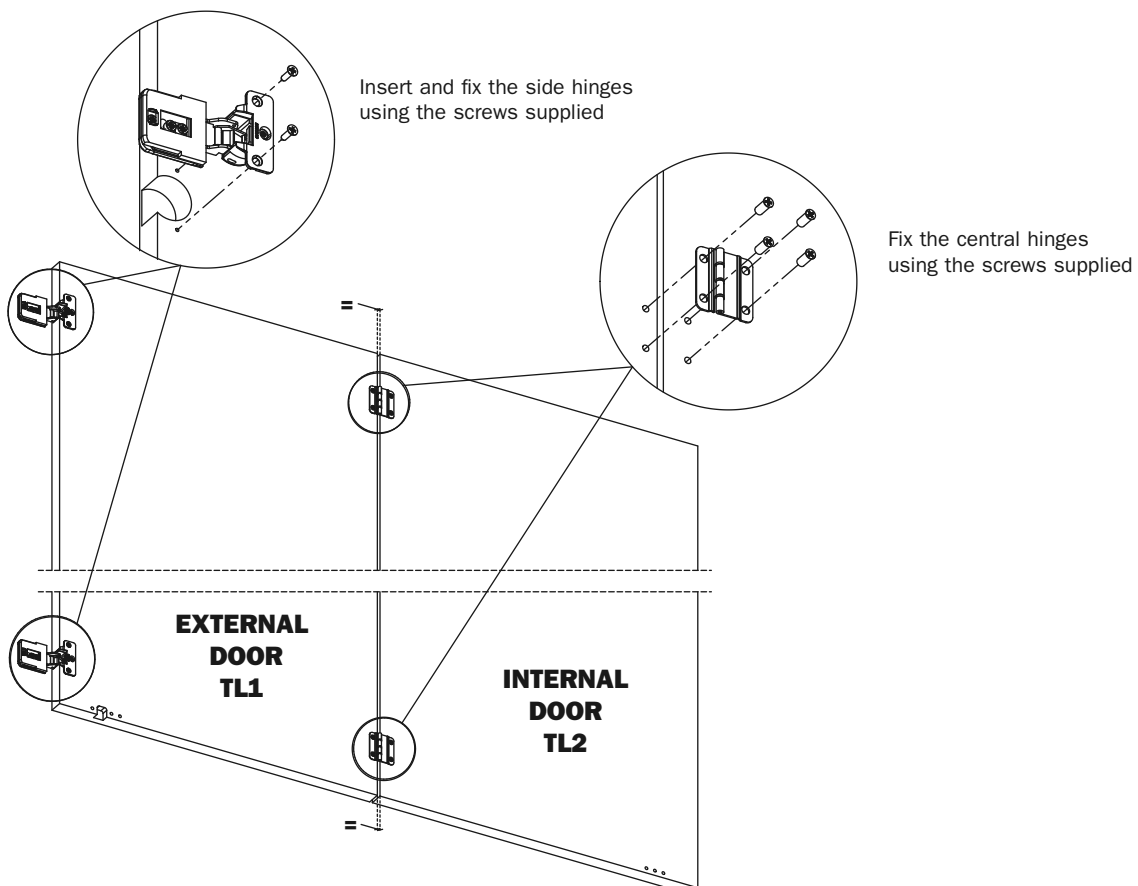
Preparation of doors - Fixing of hinges

Prepare the doors for assembly on the cabinet. Fix the hinges on the previously drilled doors

TOP - Left-hand opening door



BASE - Right-hand opening door

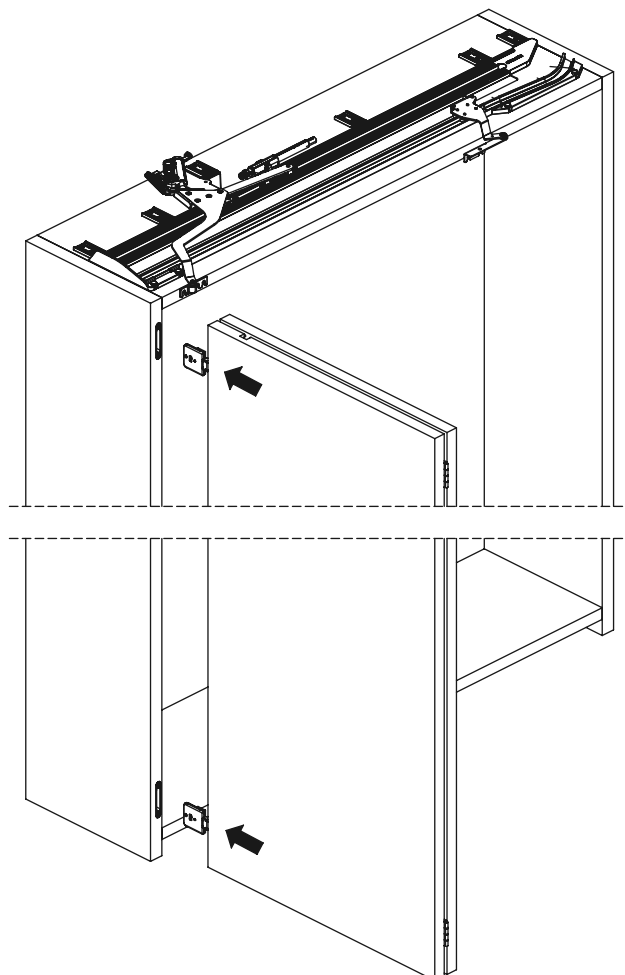


Folder 90 • Assembly of doors

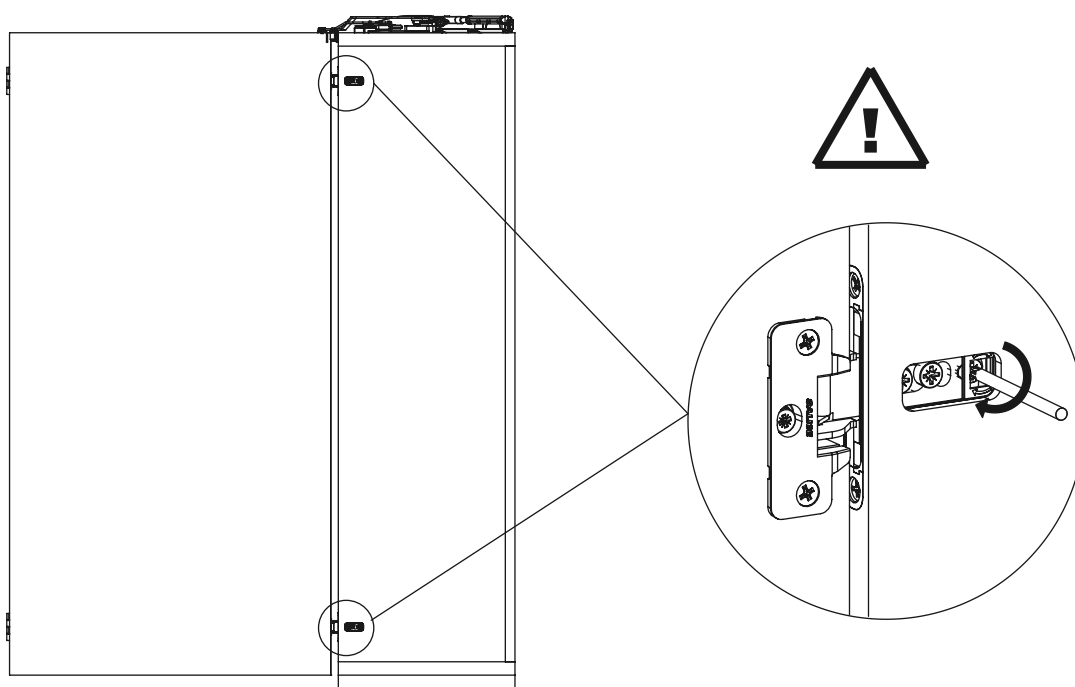
TOP - Left-hand opening door

Mount the doors on the cabinet:

- if using Conecta hinges, fully insert the hinges as indicated by the arrows
- if using Series M hinges, engage the hinges on the mounting plates



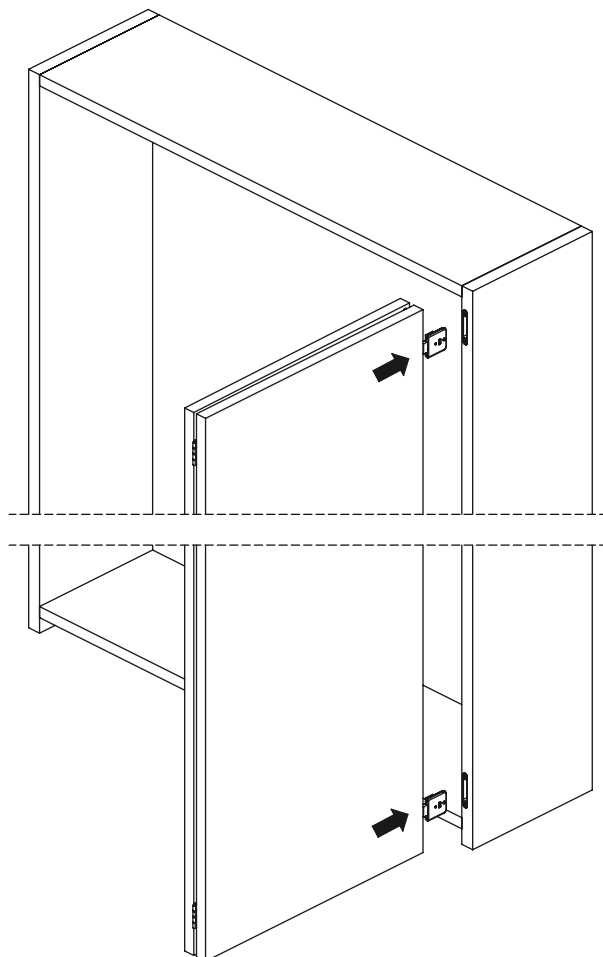
Once the hinges have been fully inserted, lock the hinges using the rear eccentric screw.



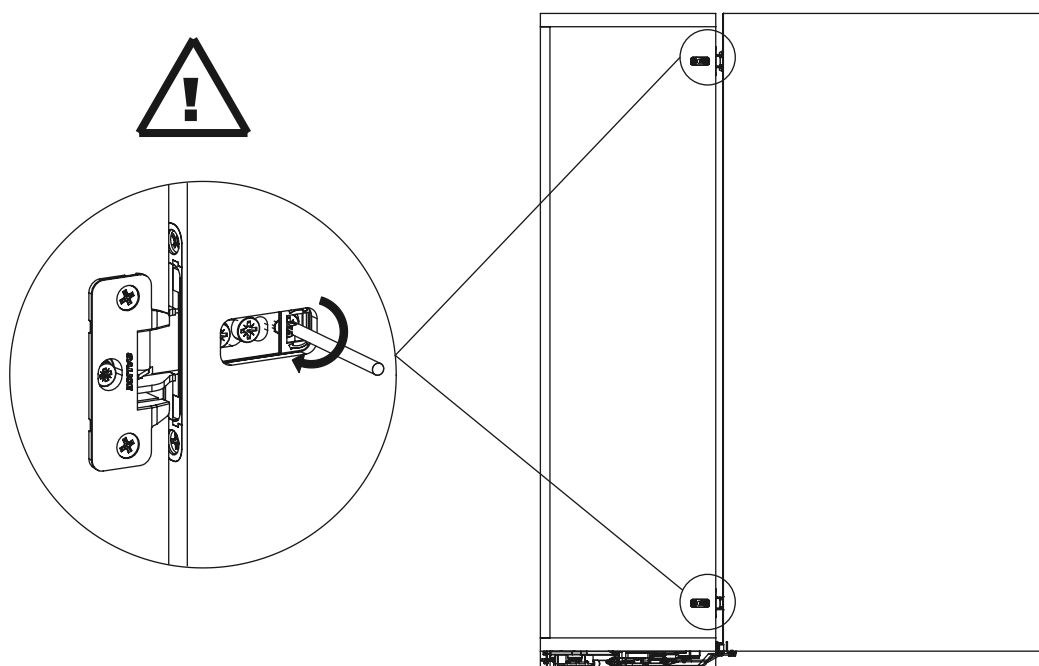
BASE - Right-hand opening door

Mount the doors on the cabinet:

- if using Conecta hinges, fully insert the hinges as indicated by the arrows
- if using Series M hinges, engage the hinges on the mounting plates



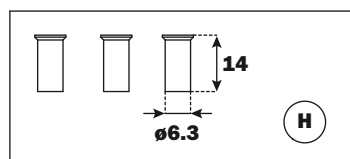
Once the hinges have been fully inserted, lock the hinges using the rear eccentric screw.



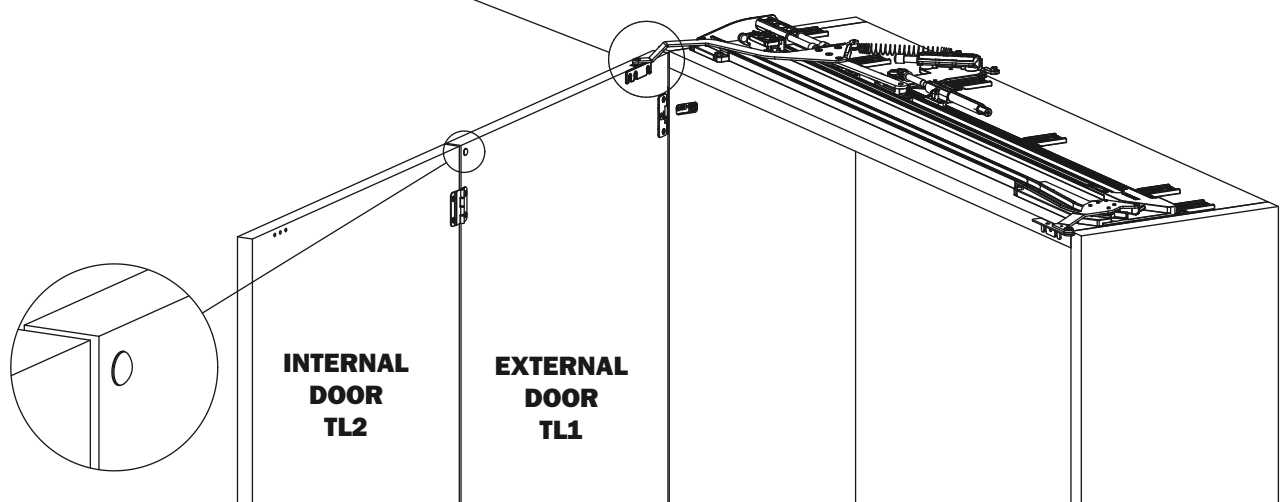
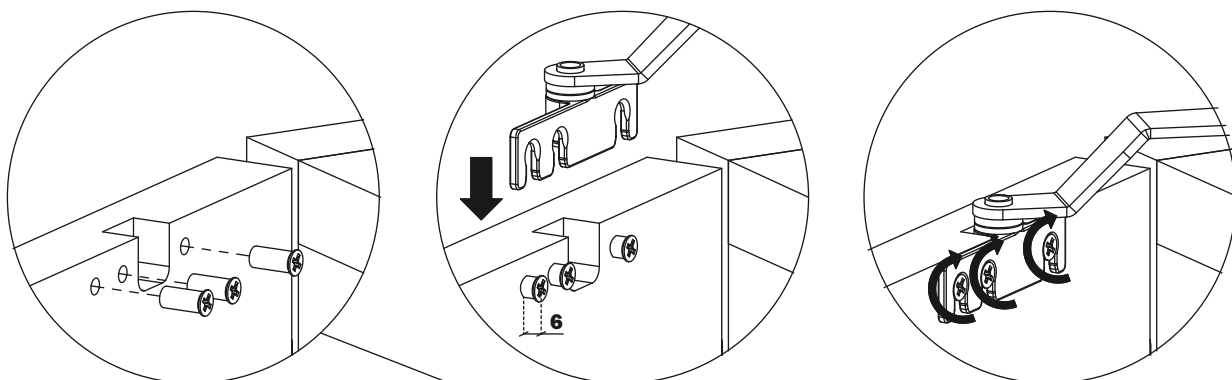
Folder 90 • Assembly of doors

TOP - Left-hand opening door

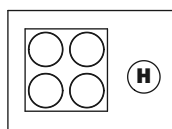
BAG H



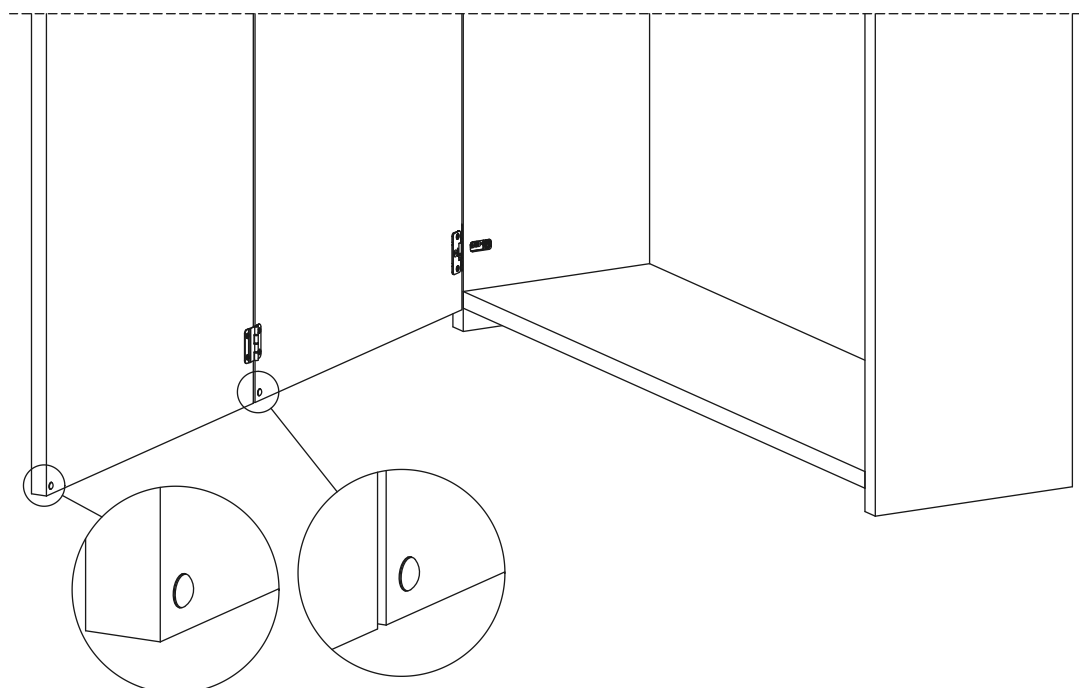
Engage the internal arm to the EXTERNAL door TL1 using the screws supplied



BAG H



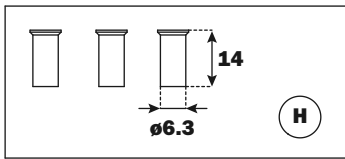
Apply the rubber bumpers supplied to the doors



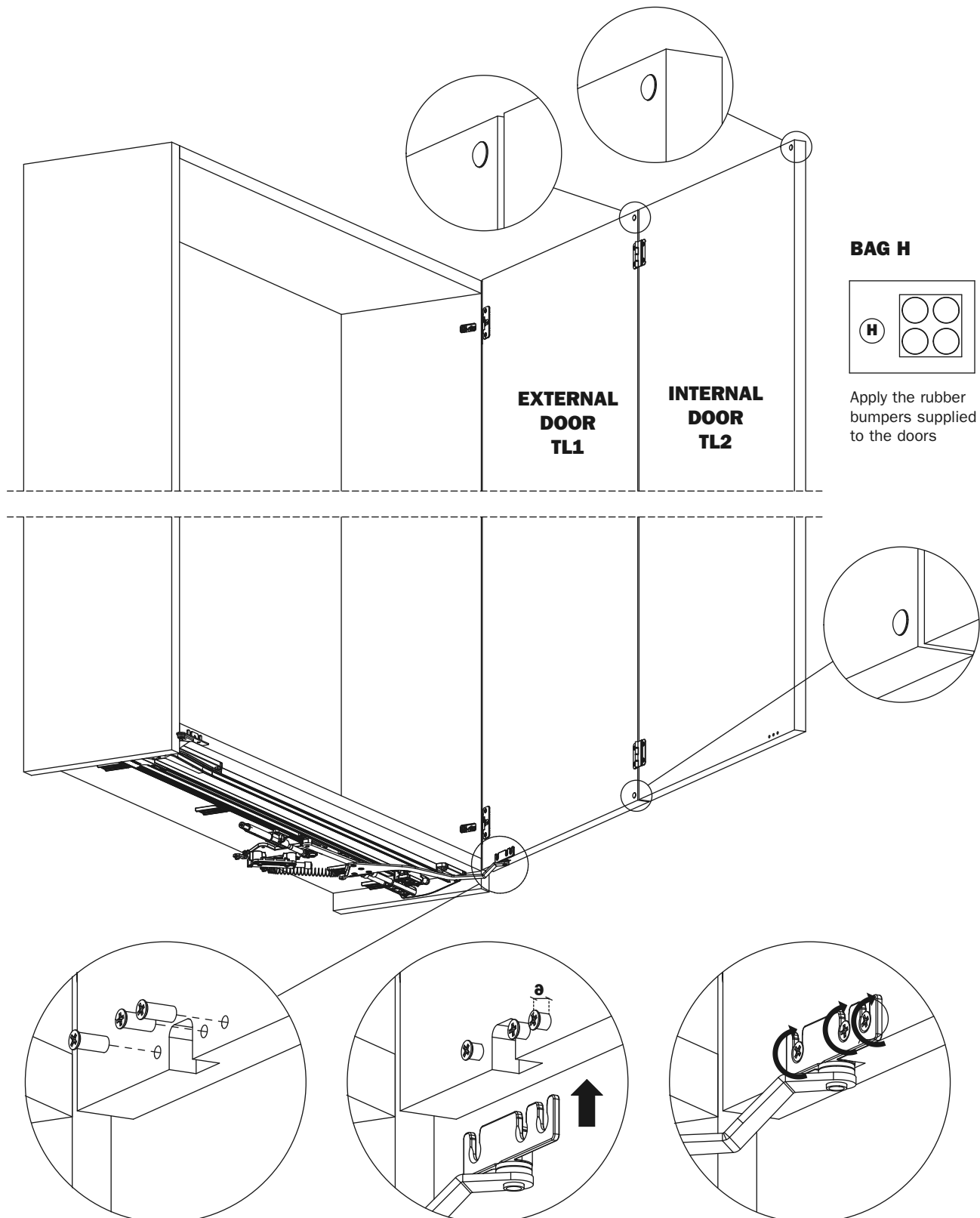


BASE - Right-hand opening door

BAG H



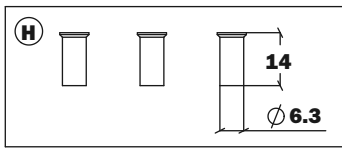
Engage the internal arm to the EXTERNAL door TL1 using the screws supplied



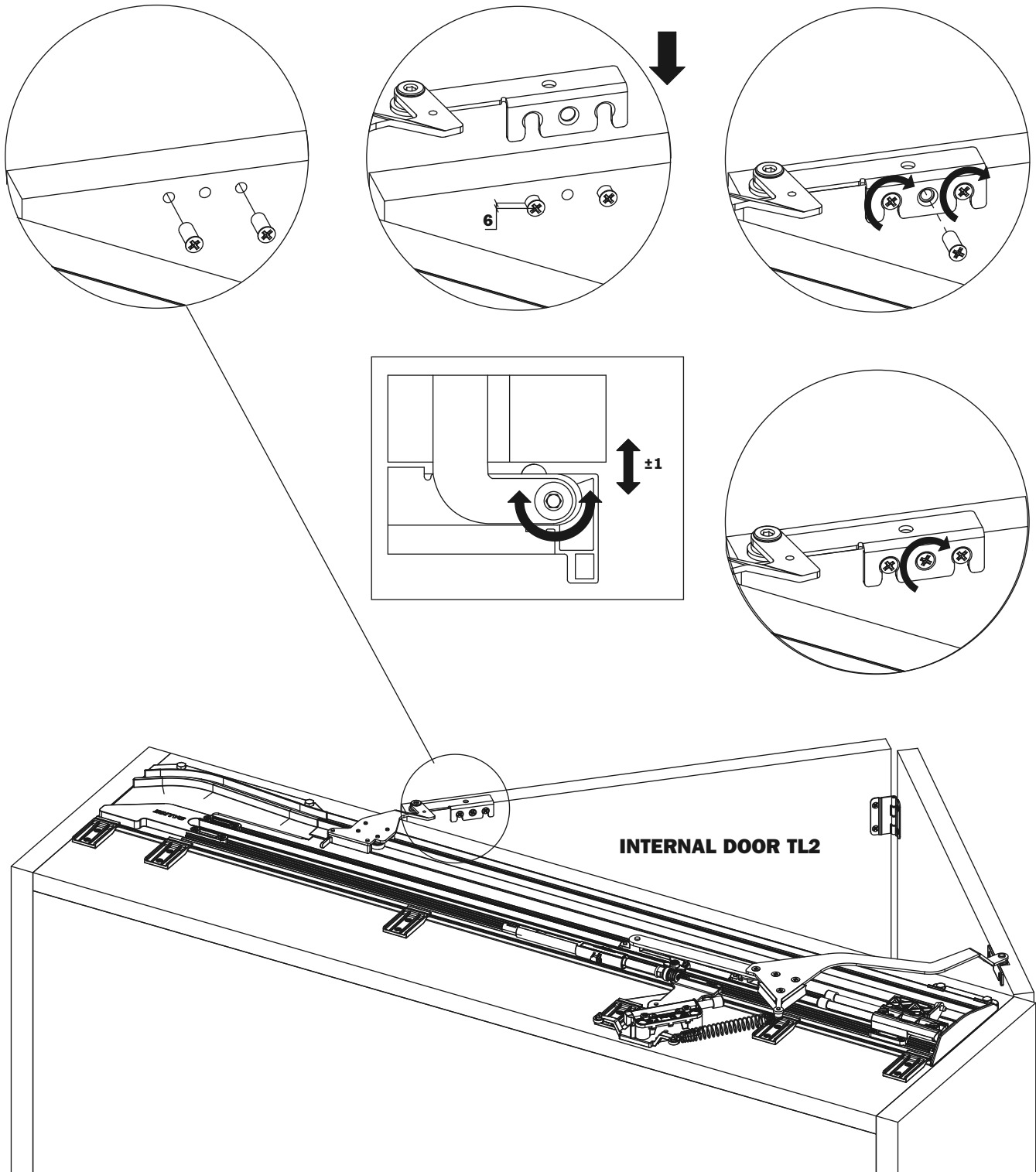
Folder 90 • Assembly of doors

TOP - Left-hand opening door

BAG H



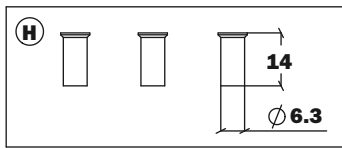
Engage the internal arm to the INTERNAL door TL2 using the screws supplied



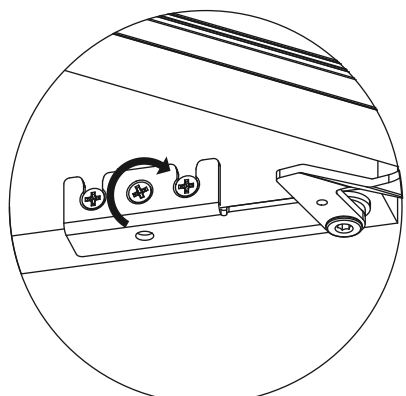
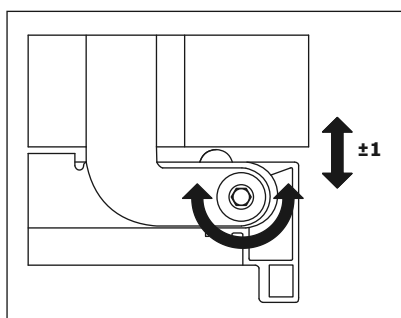
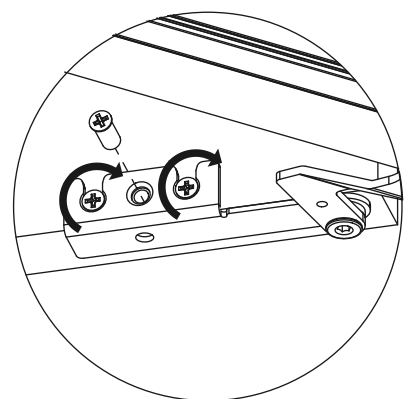
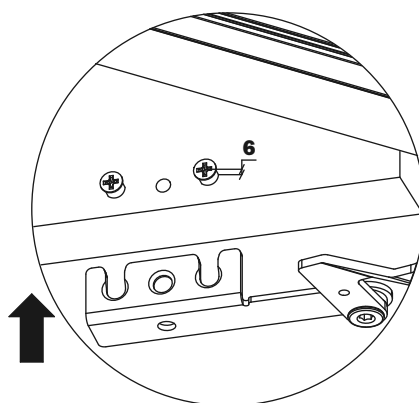
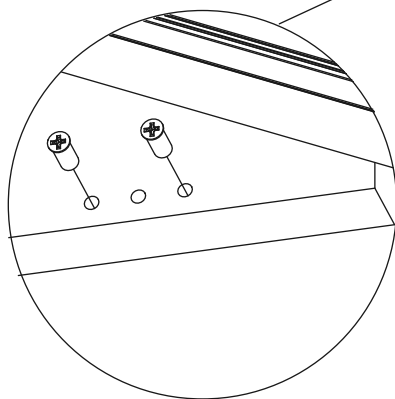
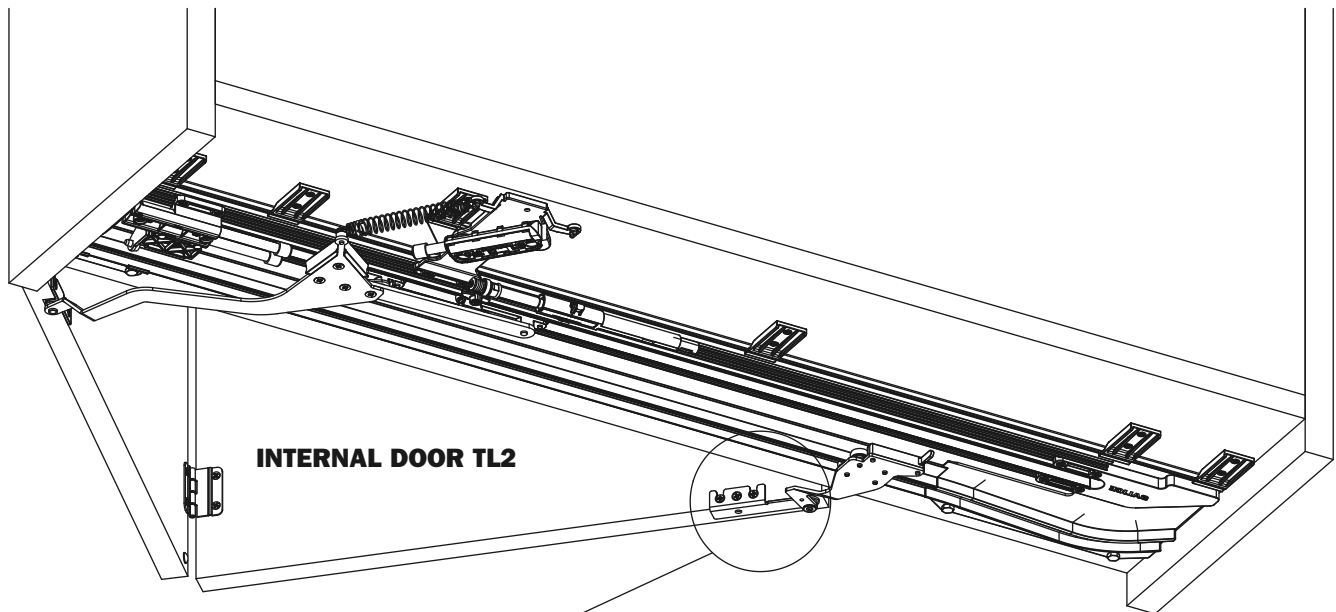


BASE - Right-hand opening door

BAG H



Engage the internal arm to the INTERNAL door TL2 using the screws supplied

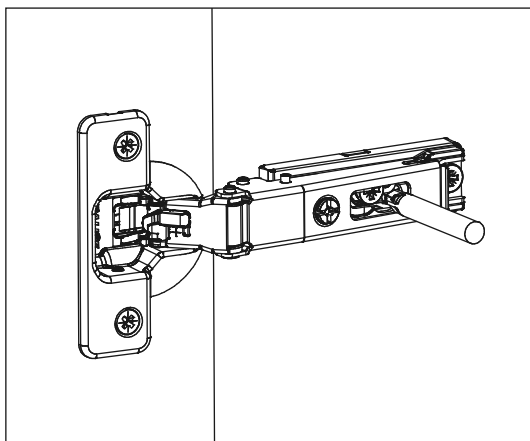
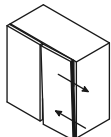


Adjustments

SILENTIA+ 94° HINGES

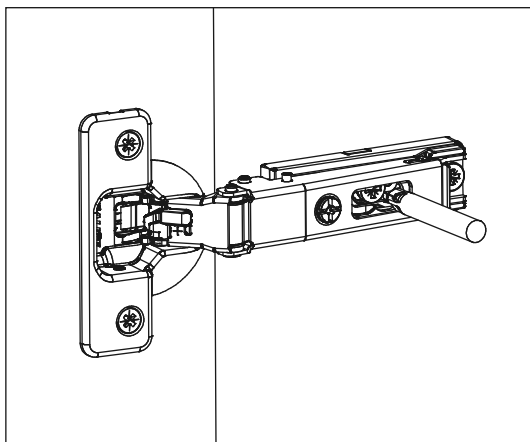
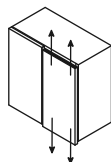
Sideways adjustment -1.5 +4.5 mm

Wooden doors:
from -1.5 a +4.5 mm



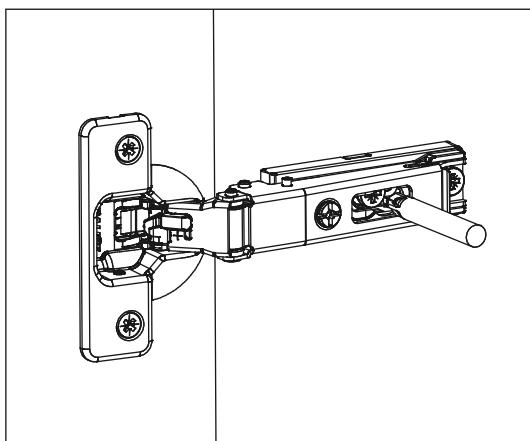
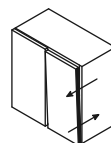
Height adjustment ± 2.5 mm

Wooden doors:
from ± 2.5 mm



Depth adjustment -0.5 +2.8 mm

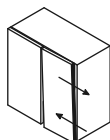
Wooden doors:
from -0.5 a +2.8 mm



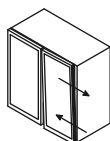
CONECTA HINGES

Sideways adjustment -2 +2 mm

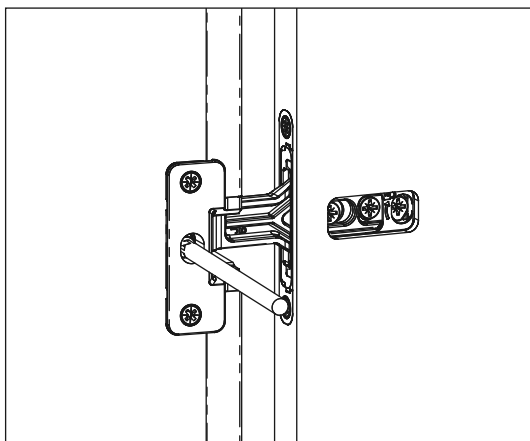
Wooden doors:
from -1 to +2 mm



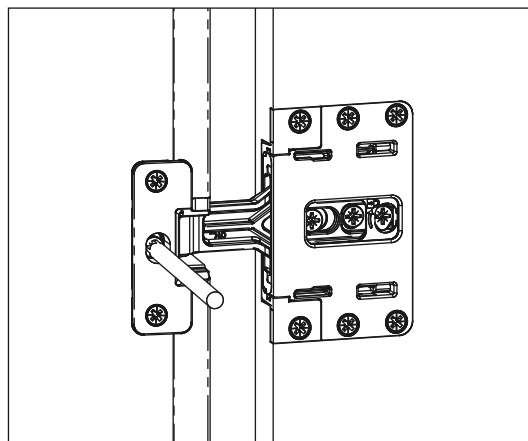
Aluminium-framed
doors:
from -2 to +0.5 mm



Holder DQG3B

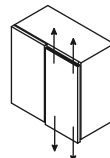


Holder DQG5B

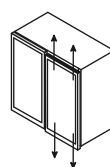


Height adjustment -2.5 +2.5 mm

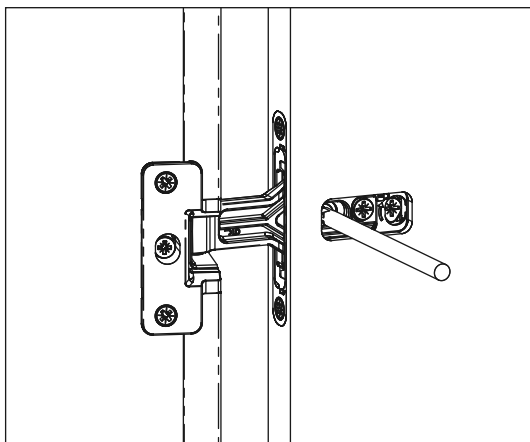
Wooden doors:
from -2.5 to +2.5 mm



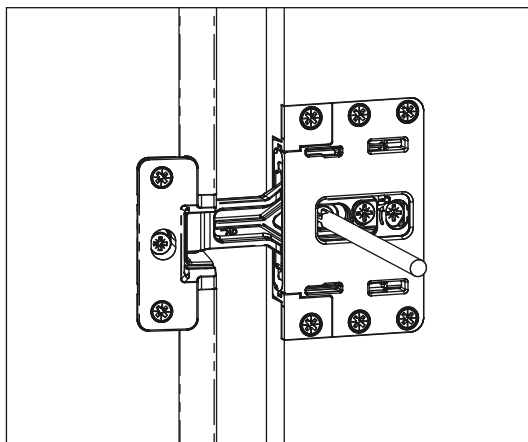
Aluminium-framed
doors:
from -2.5 to +2.5 mm



Holder DQG3B

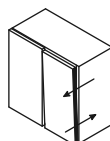


Holder DQG5B

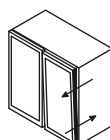


Depth adjustment -0 +3 mm

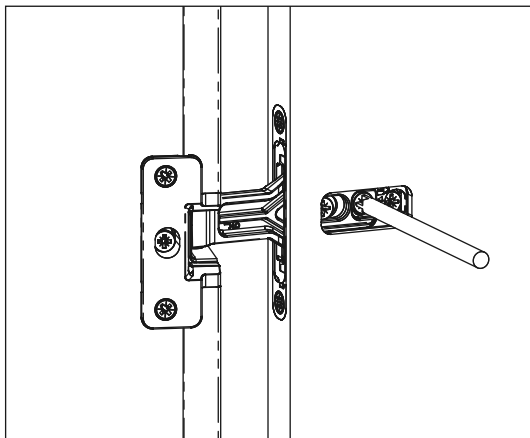
Wooden doors:
from 0 to +3 mm



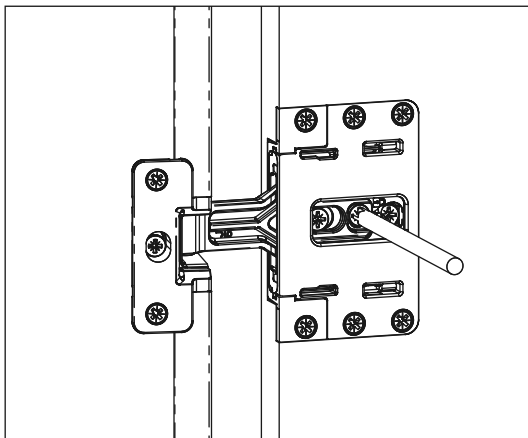
Aluminium-framed
doors:
from 0 to +3 mm



Holder DQG3B

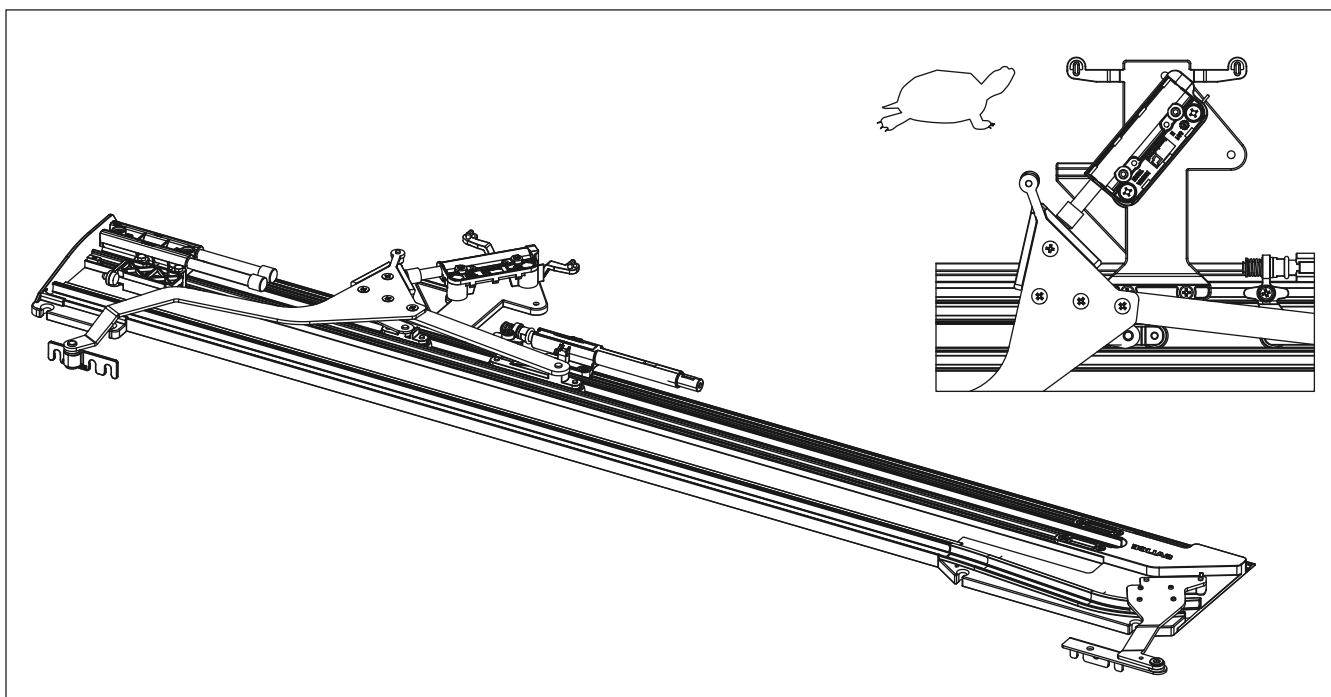
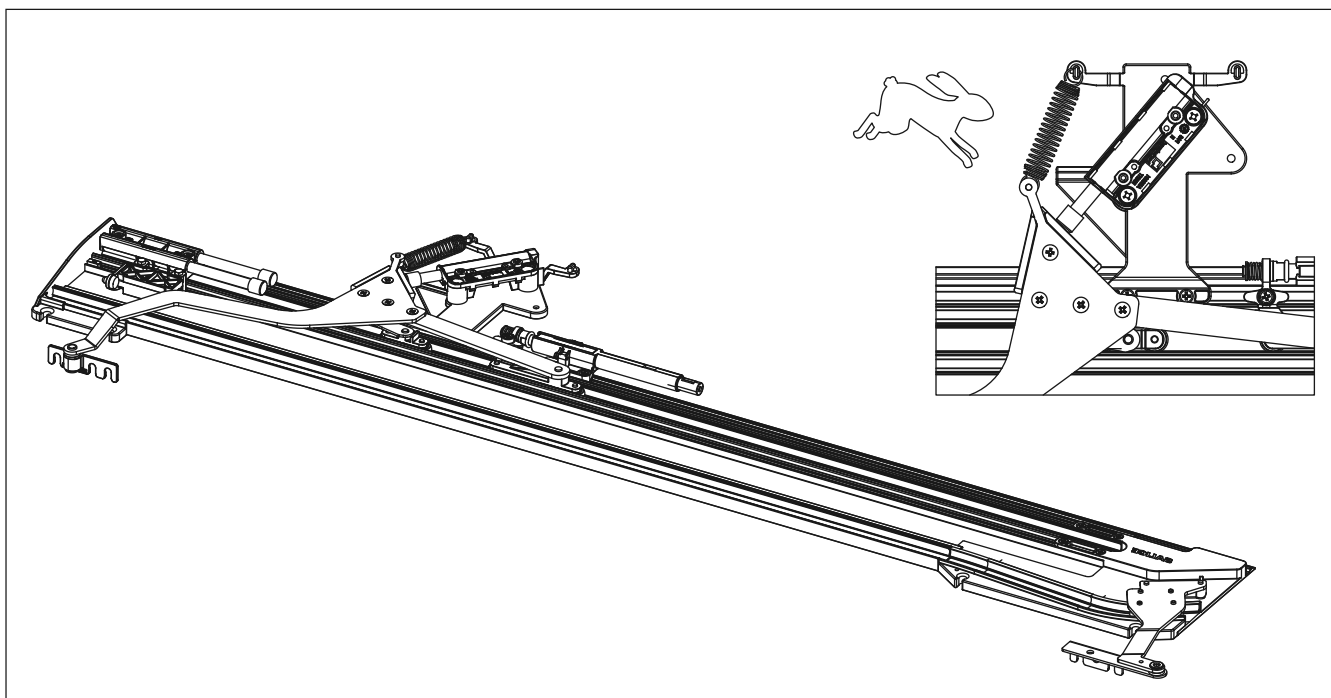


Holder DQG5B



Adjustments

Door speed adjustment



Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

[illegible]

[illegible]

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