

Ecomat



**Introducing the
fast-assembly class**



Hettich
INTERNATIONAL



Ecomat – modern snap-on technology

Quick assembly is important. So is safety. For this reason, the modern Ecomat hinges from Hettich combine both aspects. Ecomat automatic hinges are simply snapped into place, making both assembly and disassembly of standard applications quick and safe.

Ecomat fills the gap between Hettich Slide-On in the lower performance range and Intermat in the upper performance range.

Its snap-on technique offers all the advantages of quick and safe assembly, as well as easy disassembly.

Ecomat is available as 95° profile door hinges and as 110° hinges. Quick assembly is particularly advantageous when fitting tall doors, for the complete weight of the door is then borne by just one fitted hinge.



Typically Ecomat

- Modern snap-on technology for standard applications
- Quick and easy handling
- Good value for money
- 95° profile door hinges and 110° hinges
- Integrated overlay adjustment
- Cover caps

Further applications in the Intermat range



Silent System – perfectly quite!





Screwed on in a jiffy

The buffer is secured to the top or bottom of the cabinet with two wood screws, without predrilled holes. This version can also be used if preferred, also with special mounting options.



Precisely adjusted cushioned closure

The damping action of all versions can be adjusted via a setting wheel – as preferred by the user and in accordance with the size and weight of the door.



For further information, consult our Silent System catalogue which is available on request.

Cushioned closure system restores peace and quiet

Doors close gently: cupboard doors banging against the case of the cabinet are always a source of noise in the home. Silent System for Ecomat lets furniture doors close gently in a controlled manner, without any noise. Peace and quiet are immediately restored, enhancing the quality of life of the furniture's users.

Individually adjustable: whether standard or optional, the furniture maker is always free to choose when to use the Silent System cushioned closure mechanism. Either the buffer is installed during production of the furniture or it can be retrofitted when the furniture is installed by the fitter.





P₂O Push-to-open

A gentle push on the door is enough to let it open as if by magic. The fitted P20 Universal lets the door open automatically. The version for standard hinges.



hettinject



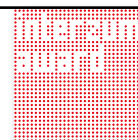
hettinject opens up new horizons. The adhesive dowel provides a perfect basis for freedom of design in furniture construction. Standard fittings, such as hinges, handles and sliding doors, can be processed as usual simply by anchoring the adhesive dowel in the lightweight building board. New materials, such as the frameless lightweight building board, can now be used in furniture construction for the first time, thanks to the hettinject process. hettinject lets tomorrow's furniture become reality today.

Wherever fittings are needed, the adhesive dowel provides the basis for attachment.



[ZOW Award]
Product of the
year 2008

Winner of the
zow-award [intel-
ligent material &
design]



interzum award:
intelligent
material & design
2007

[best of the best]
Product of the year 2007

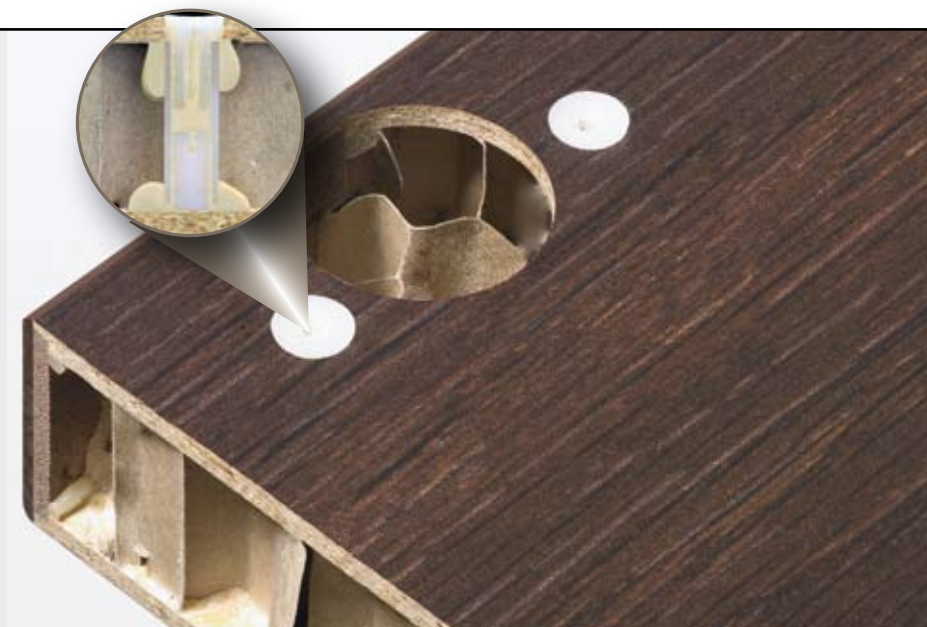
Winner of the interzum
award [intelligent material
& design]



Adhesive dowels for every type of lightweight building board

- Guarantees extremely high mechanical strength
- Can be perfectly integrated into work processes without any additional effort
- Opens up new horizons – creates freedom of design in furniture construction
- Guarantees a controlled process, for flexible use in automated and manual processes.

8 mm top layer = standard fittings
≤ 4 mm top layer = hettinject adhesive
dowels



The quality of the concealed hinges is constantly monitored.

Some hinges are additionally subject to external quality control by the Bavarian State Factory Inspectorate (LGA). This is documented through corresponding quality certificates, such as that shown below for the Ecomat hinge 9843 with the test number „911“.

In addition to these externally defined standards, specific tests based on the intended use of the individual hinge types are also undertaken by Hettich.

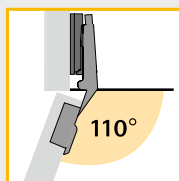
The various quality requirements of different markets and branches of industry are individually taken into account in this way.



Quality that need not shun the light of day

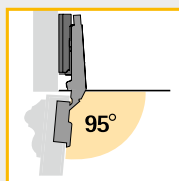


Ecomat – the alternative snap-on system – the complete range ...



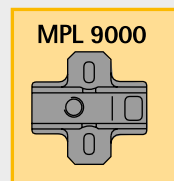
Pages 14 – 15

Ecomat 9843
Opening angle 110°



Pages 16 – 17

Ecomat 9836
for profile doors up to 32 mm thick
Opening angle 95°



Pages 20 – 25

Universal mounting plates



Pages 26 – 27

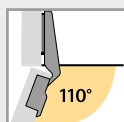
Accessories

Cover caps, opening angle stops, Silent System, Push-to-Open

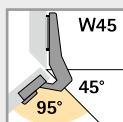
... fully compatible with Intermat



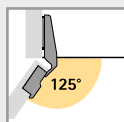
Please ask for our detailed Intermat brochure if you require further information.



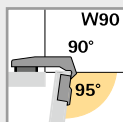
Intermat 9943
Opening angle 110°



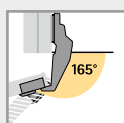
Intermat 9936 W 45
for 45° cabinet face angle
Opening angle 95°



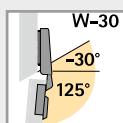
Intermat 9944
Opening angle 125°



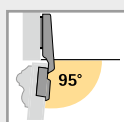
Intermat 9936 W 90
for cabinets with blind panels 90°
Opening angle 125°



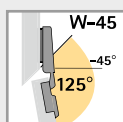
Intermat 9956
Opening angle 165°



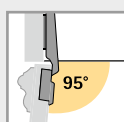
Intermat 9944 W -30
for -30° negative cabinet face angle
Opening angle 125°



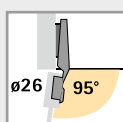
Intermat 9936
for profile doors up to 32 mm thick
Opening angle 95°



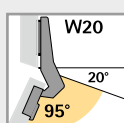
Intermat 9944 W -45
for -45° negative cabinet face angle
Opening angle 125°



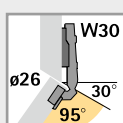
Intermat 9935
for profile doors up to 43 mm thick
Opening angle 95°



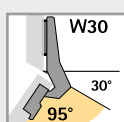
Intermat 9924
for wooden frame doors
Opening angle 95°



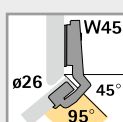
Intermat 9936 W 20
for 20° cabinet face angle
Opening angle 95°



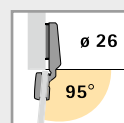
Intermat 9924 W 30
for 30° cabinet face angle
Opening angle 95°



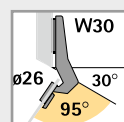
Intermat 9936 W 30
for 30° cabinet face angle
Opening angle 95°



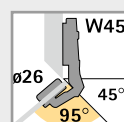
Intermat 9924 W 45
for 45° cabinet face angle
Opening angle 95°



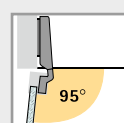
Intermat 9904
for glass doors
Opening angle 95°



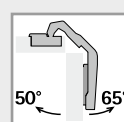
Intermat 9904 W30
for 30° cabinet face angle
Opening angle 95°



Intermat 9904 W45
for 45° cabinet face angle
Opening angle 95°



Intermat 9936
for aluminium frame doors
Opening angle 95°



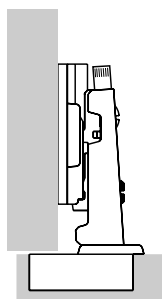
Intermat 9930
for corner cabinet folding doors
Opening angle 55°/60°

Concealed hinges

Technical information

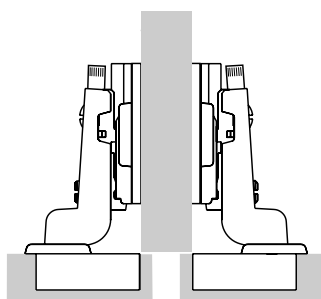
Mounting options:

Three different mounting options can basically be used..



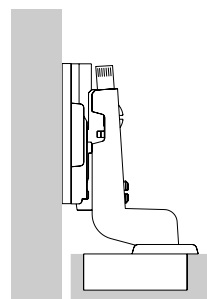
Full overlay

The door is in front of the cabinet wall, leaving a small reveal at the side within which the door can open reliably.



Half overlay:

In this case, there are two doors in front of a centre panel with the required overall reveal between them. In other words, each door has a smaller overlay and cranked hinges are therefore used.



Inset:

The door is located inside the cabinet, i.e. beside the cabinet wall. Here too, a reveal is needed so that the door can open reliably. Heavily cranked hinges are used here.

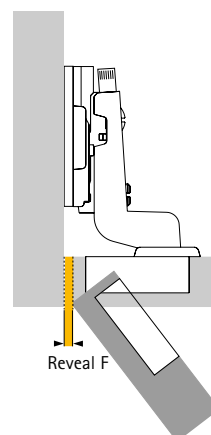
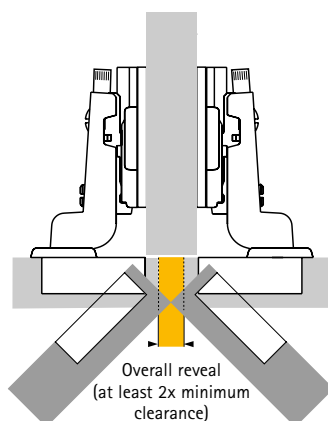
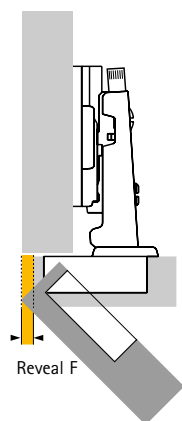
Minimum door reveal:

The minimum reveal (also known as the minimum clearance) is the space required at the side so that the door can open.

The size of the minimum clearance depends on the cup distance C, the door thickness and the type of hinge selected. Radii on the door edges reduce the minimum clearance.

The required minimum reveal is shown in the tables for the respective hinge types.

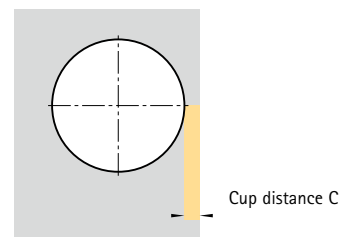
For half overlay configurations, the total reveal between the doors must be chosen to correspond to at least twice the door reveal. Both doors can then be opened at the same time.





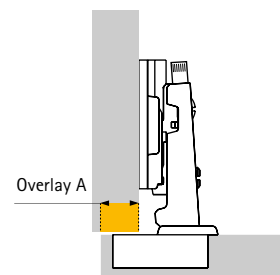
Cup distance C:

The cup distance C is the distance between the edge of the door and the edge of the cup hole. The maximum cup distance depends on the hinge in question. The larger the cup distance, the smaller the required minimum reveal.



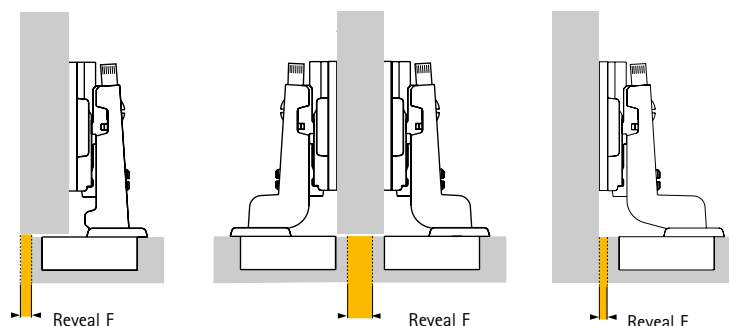
Door Overlay:

The overlay A is the distance by which the door projects over the cabinet front.



Reveal F:

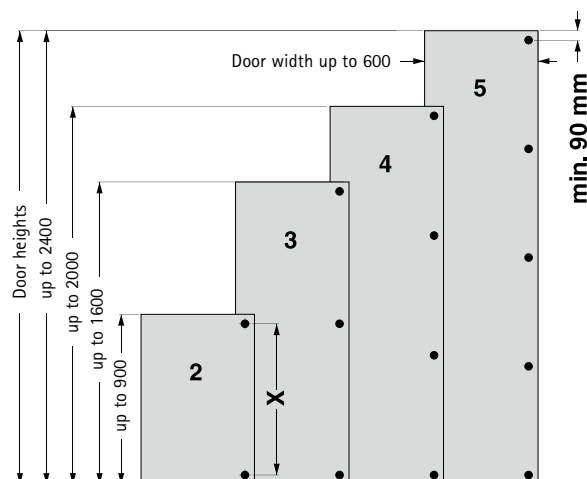
The reveal is the distance between the outer edge of the door and the outside of the cabinet in the case of an overlaid door, and the distance between two doors in the case of a half overlay configuration. In the case of an inset door, the reveal is the distance between the outer edge of the door and the inside of the cabinet.



Number of hinges per door:

Door width, height and weight as well as the material quality of the door are decisive factors determining the number of hinges required. The factors encountered in each individual case in practice differ enormously. For this reason, the number of hinges shown in the diagram should only be taken as a guide. A trial mounting is advisable if in doubt.

For reasons of stability, the distance between hinges must always be made as large as possible. X = Distance between hinges
(Guideline values for 19 mm thick chipboard with a density of 750 kg/m³)



Technical information

Determination of installation parameters:

The main parameters affecting the installation of hinged doors are the position of the cup hole in the door (value C), the cup overlay of the hinge (constant) and the required coverage of the door in front of the cabinet wall (overlay) or reveal between inset doors.

Example:

Half overlay configuration, total reveal between the doors 5 mm, Ecomat 9843 hinge (9.5 mm cranking), wall thickness 18 mm, door thickness 19 mm, required cup hole 5 mm.

Determination of installation values by checking minimum clearance and choice of distance plates:

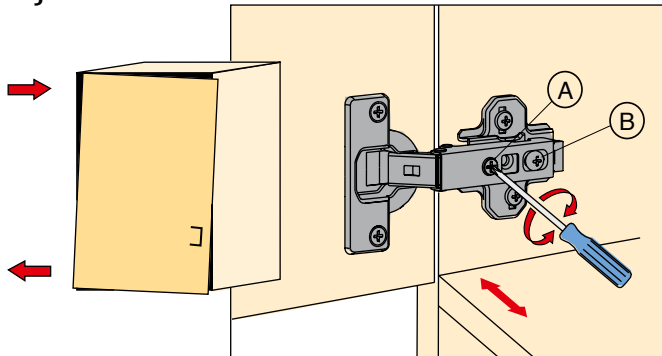
1. Minimum reveal for a 19 mm thick door and a C value of 5 mm is 1.5 mm according to the table. A total reveal of at least 3.0 mm must be ensured for a half overlay configuration.
2. Door overlay $A = (\text{wall thickness} - \text{reveal}) / 2 \text{ doors} \Rightarrow (18 \text{ mm} - 5 \text{ mm}) / 2 = 6.5 \text{ mm}$
3. The formula for determining the distance plate is:
 $D = \text{Cup hole } C + \text{constant} - \text{overlay}$
 $D = 5 \text{ mm} + 3 \text{ mm} - 6.5 \text{ mm} \Rightarrow D = 1.5 \text{ mm}$

Possible Solution

If the required distance cannot be achieved, the following steps may be taken:

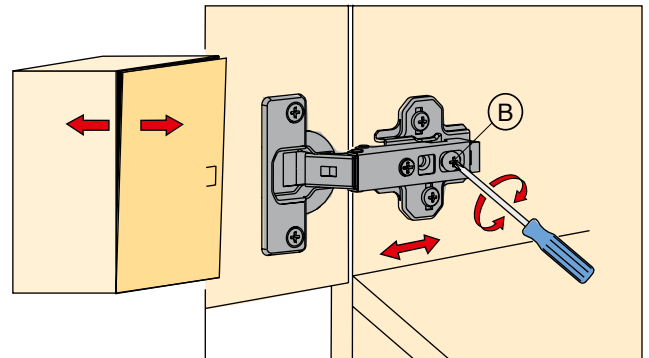
- Choose the next smaller distance and adjust via the side adjusting screw
- Choose the next smaller distance and adjust the cup hole (value C)

Adjustment of the door



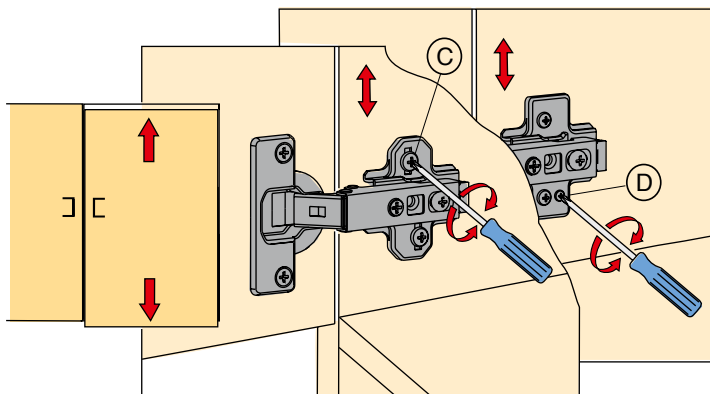
Overlay adjustment:

Turn adjusting screw (A) in or out until the door hangs perpendicularly. Fixing screw (B) is not released..



Depth adjustment:

Unscrew fixing screw (B) and adjust the distance between door and cabinet wall. Then retighten the fixing screw (B).



Height adjustment:

Loosen fixing screws (C) and adjust the door vertically. Then retighten the fixing screws.

Mounting plates with eccentric adjustment: Uniformly adjust the eccentric (D) on all mounting plates until the door is at the required height.



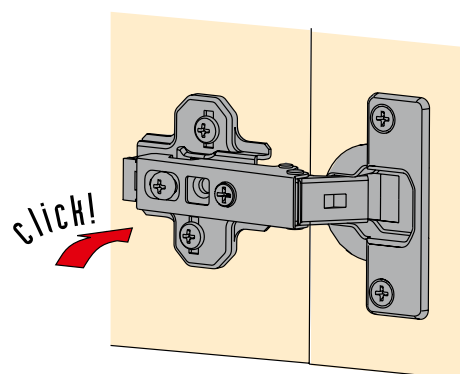
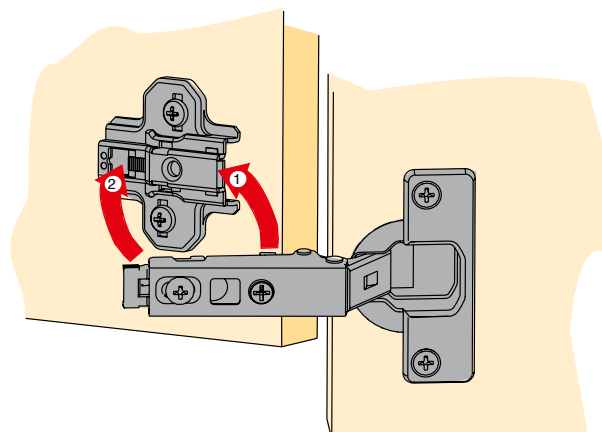
Snap-on assembly of Ecomat hinges

The ergonomic snap-on assembly is characteristic of Ecomat hinges.

The hinge is slipped into the front of the mounting plate (1) and the hinge arm is then lightly pressed into the mounting plate (2) with an audible click.

The hinge arm is now securely clamped via five points, with zero play.

Doors are basically clipped on in zipper style from top to bottom.

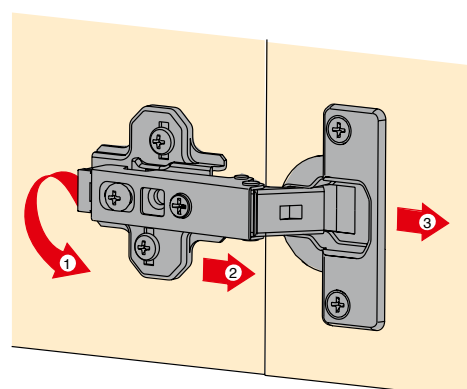


Disassembly of Ecomat hinges

Disassembly is carried out in the opposite direction, from bottom to top.







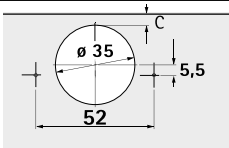
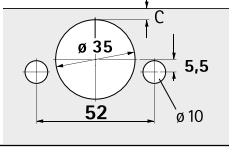
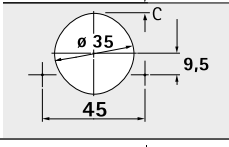
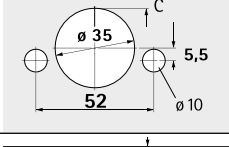
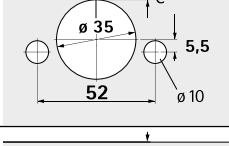
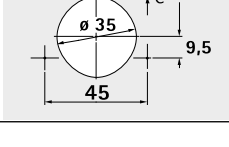
The hinge is released by lightly pressing the latch (1).


In a single movement, the hinge arm is lifted off the mounting plate (2) and the door can be removed from the cabinet (3).



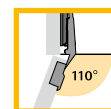
Snap-on hinge Opening angle 110° Ecomat 9843



		Overlay door 0 mm cranking  with self-closing feature 9843  optional	Half overlay door 9,5 mm cranking  with self-closing feature 9843  optional	Inset door 16 mm cranking  with self-closing feature 9843  optional
Cup assembly				
Screw-on				
T 42		107 295 4	107 295 5	107 295 6
Press-in				
T 43		107 295 7	107 295 8	107 295 9
T 43/10		107 296 0	107 296 1	107 296 2
Flash fast assembly				
T 43/15		107 767 8	107 767 9	107 768 0
FIX fast assembly (toolless)				
T 45		107 334 7	107 334 8	107 334 9
T 45/10		107 335 3	107 335 4	107 335 5

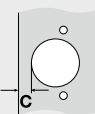
Opening angle: 110°
Hole diameter: 35 mm
Cup distance C: up to 6 mm
Cup depth: 11,6 mm
Self-closing feature: with 

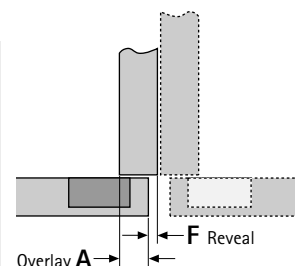
Side adjustment: +1 mm / -2.5 mm
Depth adjustment: 4 mm
Packing unit: 200 pcs



Minimum reveal (F) to be maintained per door (door clearance):

For determination of cup distance and distance of mounting plate

Cup distance C mm	Door thickness in mm											
	15	16	17	18	19	20	21	22	23	24	25	
 3	0,5	0,7	1,0	1,3	1,6	2,0	2,6	3,4	4,2	5,0	5,9	
4	0,5	0,7	0,9	1,2	1,5	1,9	2,4	3,0	3,8	4,6	5,4	
4,5	0,5	0,7	0,9	1,2	1,5	1,9	2,3	2,9	3,6	4,4	5,2	
5	0,5	0,7	0,9	1,2	1,5	1,8	2,3	2,8	3,4	4,2	5,0	
6	0,4	0,6	0,9	1,1	1,4	1,8	2,2	2,6	3,2	3,9	4,6	



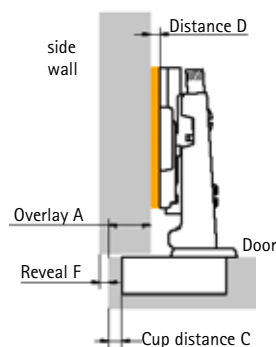
The minimum reveal is smaller on doors with radius: Radius 1 mm: values in table - 0,4 mm
Radius 3 mm: values in table - 1,2 mm

Determination of the required mounting plate distance (D):

Depends on the required door overlay (A) and cup distance (C)

Overlay

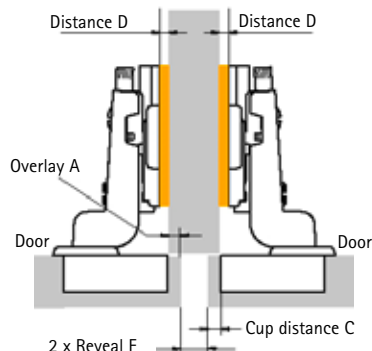
(hinge cranking 0 mm)



Distance D =
Cup Distance C + 12,5 mm - Reveal A

Half overlay

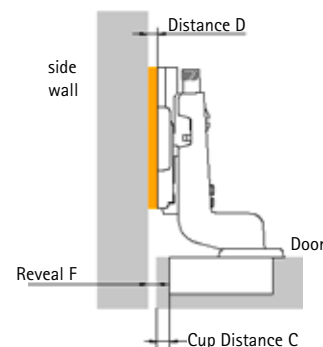
(hinge cranking 9,5 mm)



Distance D =
Cup Distance C + 3,0 mm - Overlay A

Inset

(inset cranking 16 mm)



Distance D =
Cup Distance C - 3,5 mm + Reveal F

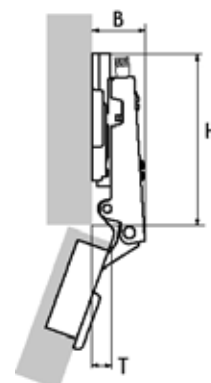
Mounting plates can be found on pages 21 – 25.

Door protrusion (T), hinge protrusion (B) and installation depth (H):

	Hinge cranking (mm)		
	K 0 mm (overlay)	K 9.5 mm (half overlay)	K 16 mm (inset)
T* (mm)	7,5	17,0	23,5
B* (mm)	19,5	29,0	35,5
H** (mm)	60,0	60,0	60,0










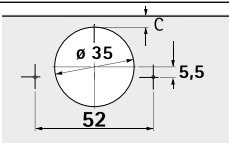
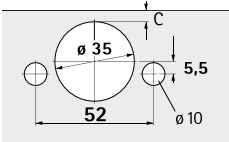
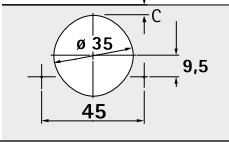
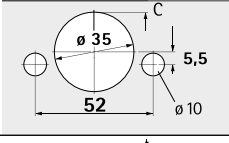
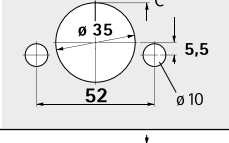
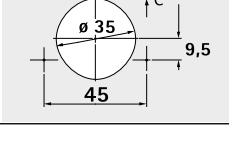
*) Values refer to a mounting plate with 0 mm distance and 3 mm cup distance. The values of „T“ and „B“ increase accordingly with other distances.


**) Installation depth measured from the rear edge of the door.



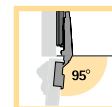
**Fast-assembly hinge for profile doors up to
32 mm thickness
Opening angle 95°
Ecomat 9836**



		Overlay door 0 mm cranking  with self-closing feature 9836 	 optional	Half overlay door 9,5 mm cranking  with self-closing feature 9836 	 optional	Inset door 16 mm cranking  with self-closing feature 9836 	 optional
Cup Distance							
Screw-on		107 294 5		107 294 6		107 294 7	
	T 42						
Press-in		107 294 8		107 294 9		107 295 0	
	T 43						
		107 295 1		107 295 2		107 295 3	
	T 43/10						
Flash fast assembly		107 765 8		107 765 9		107 766 0	
	T 43/15						
FIX fast assembly (toolless)		107 320 0		107 320 1		107 320 2	
	T 45						
		107 322 8		107 322 9		107 323 0	
	T 45/10						

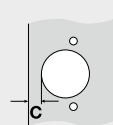
Opening angle: 110°
 Hole diameter: 35 mm
 Cup distance C: up to 6 mm
 Cup depth: 11.1 mm (11.6 mm FIX)
 Self-closing feature: with 

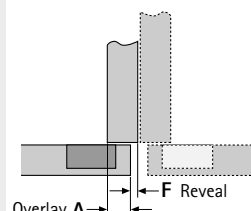
Side adjustment: +1 mm / -2.5 mm
 Depth adjustment: 4 mm
 Packing unit: 200 pcs



Minimum reveal (F) to be maintained per door (door clearance):

For determination of cup distance and distance of mounting plate

Cup Distance		Door thickness in mm																	
C mm		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
	3	0,3	0,4	0,6	0,8	1,0	1,3	1,5	1,8	2,2	2,6	3,0	3,6	4,4	5,3	6,2	7,1	8,0	8,9
	4	0,3	0,4	0,6	0,8	1,0	1,2	1,5	1,8	2,1	2,5	2,9	3,4	4,0	4,8	5,7	6,5	7,4	8,3
	4,5	0,3	0,4	0,6	0,8	1,0	1,2	1,5	1,8	2,1	2,5	2,9	3,3	3,9	4,6	5,4	6,3	7,1	8,0
	5	0,3	0,4	0,6	0,8	1,0	1,2	1,5	1,7	2,1	2,4	2,8	3,3	3,8	4,5	5,2	6,0	6,9	7,8
	6	0,3	0,4	0,6	0,7	0,9	1,2	1,4	1,7	2,0	2,3	2,7	3,1	3,6	4,2	4,9	5,6	6,4	7,3
	7	0,3	0,4	0,5	0,7	0,9	1,1	1,4	1,7	2,0	2,3	2,6	3,0	3,5	4,0	4,6	5,3	6,0	6,8
	8	0,3	0,4	0,5	0,7	0,9	1,1	1,4	1,6	1,9	2,2	2,6	3,0	3,4	3,8	4,4	5,0	5,7	6,4



The minimum reveal is smaller on doors with radius: Radius 1 mm: values in table - 0,4 mm
 Radius 3 mm: values in table - 1,2 mm

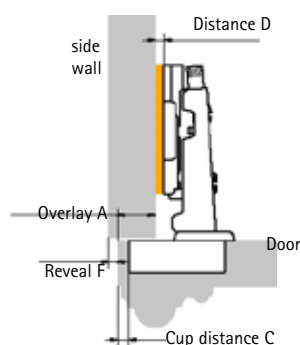
See page 18 for maximum door contour for hairline reveal.

Determination of the required mounting plate distance (D):

Depends on the required door overlay (A) and cup distance (C)

Overlay

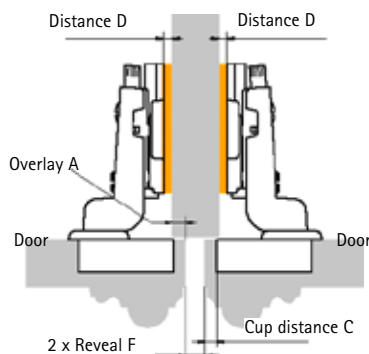
(hinge cranking 0 mm)



Distance D =
 Cup Distance C + 12,5 mm - Reveal A

Half overlay

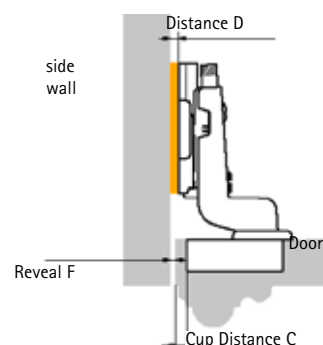
(hinge cranking 9.5 mm)



Distance D =
 Cup Distance C + 3,0 mm - Overlay A

Inset

(hinge cranking 16 mm)



Distance D =
 Cup Distance C - 3,5 mm + Reveal F

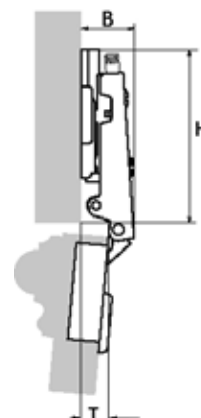
Mounting plates can be found on pages 21 – 25.

Door protrusion (T), hinge protrusion (B) and installation depth (H):

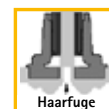
	Hinge cranking (mm)		
	K 0 mm (overlay)	K 9.5 mm (half overlay)	K 16 mm (inset)
T* (mm)	10,0	19,5	26,0
B* (mm)	19,5	29,0	35,5
H** (mm)	60,0	60,0	60,0

*) Values refer to a mounting plate with 0 mm distance and 3 mm cup distance. The values of „T“ and „B“ increase accordingly with other distances.

**) Installation depth measured from the rear edge of the door.



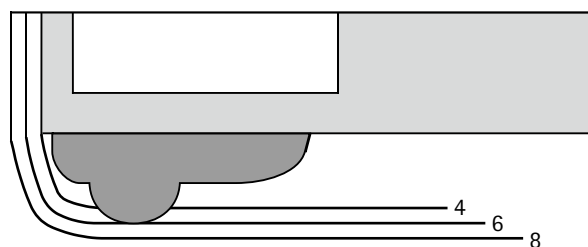
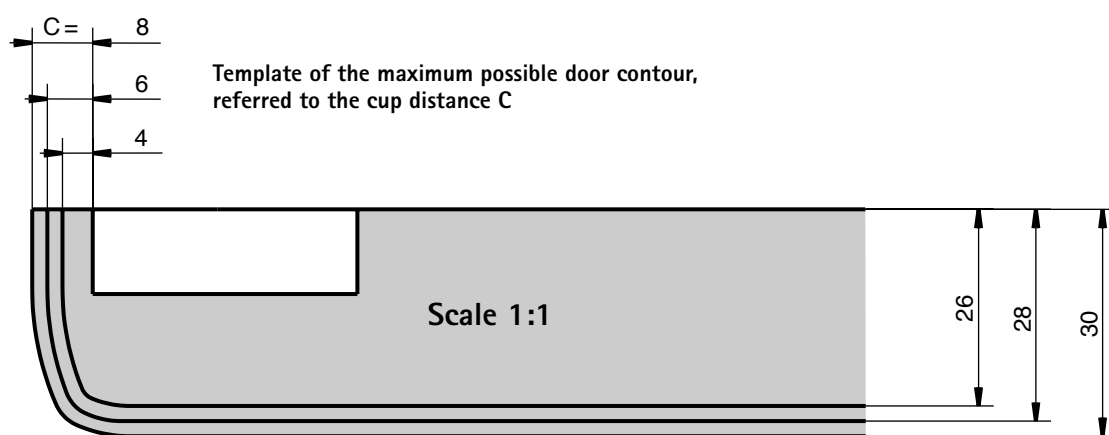
Hairline reveal for profile door hinge Ecomat 9836



The values listed in the table of minimum reveals apply to square door edges.

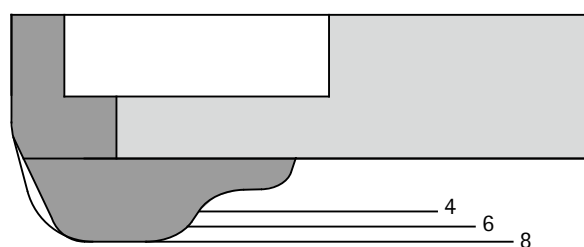
Slightly smaller reveal values apply if the door edges are rounded.

To obtain a hairline reveal, the required door contour must be inside the maximum possible door contour in relation to the cup distance. All contours protruding beyond the template increase the reveal correspondingly!



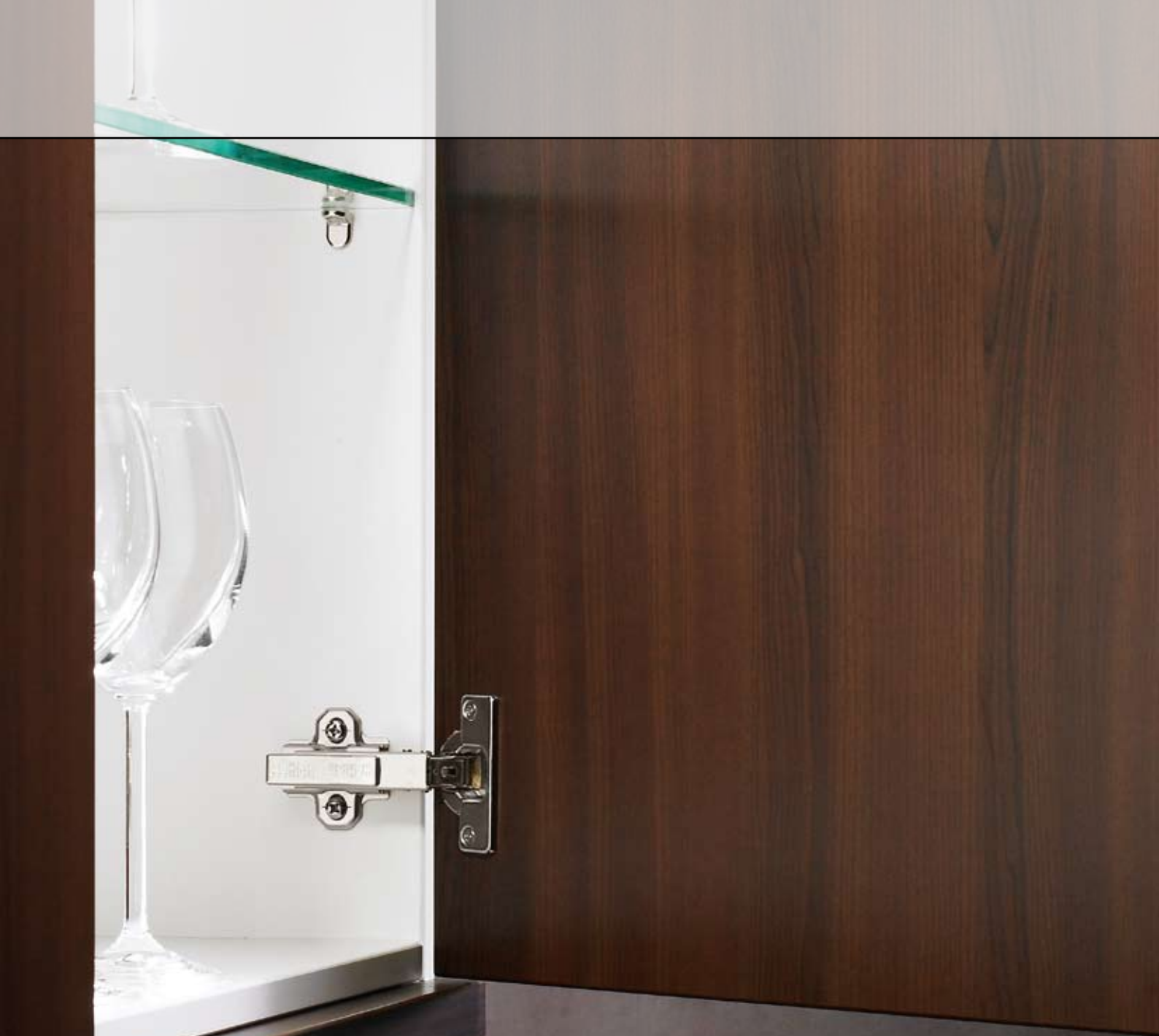
Example of a hairline reveal

Door thickness	16 mm
Profile thickness	12 mm
Total thickness	28 mm
Cup distance C	6 mm



Example of a hairline reveal

Door thickness	19 mm
Profile thickness	11 mm
Total thickness	30 mm
Cup distance C	8 mm



Mounting plates and accessories

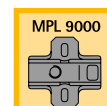
Mounting plates and accessories from Hettich broaden your design options and complement the benefits of cost-effective assembly.


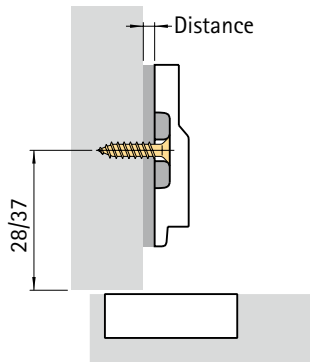

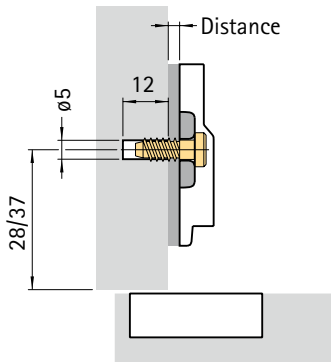
With Hettich Direkt cross mounting plates, for example. These are ideal for fitting to centre panels in thicknesses of 13 mm and over, and can also be used for other mounting options. The locating pegs for hole lines and asymmetrically positioned screws significantly improve tear-out strength.



System 9000 mounting plates

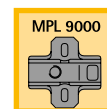
Packing unit: 400 pcs



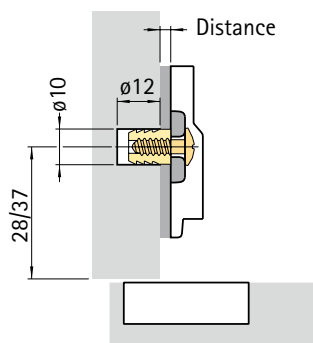
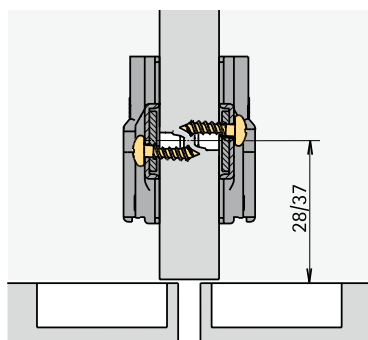
Article	Hole Line Spacing	Distance (D)	Height overall	Order No.
Screw-on cross mounting plate with oblong holes, clear hole diameter 5.4 mm; hole distance 32 mm Attachment: Countersunk woodscrews, dia. 4.5 mm x 16 mm Hole: max. \varnothing 2,5 mm Height adjustment: +2 / -2 mm Material: Nickel-plated steel / * nickel-plated zinc <div>   </div>	28 mm	0 mm	9 mm	107 160 0
		1,5 mm	10,5 mm	107 160 1
		3,0 mm	12,0 mm	107 160 2
		5,0 mm	14,0 mm	107 160 3
		8,0 mm*	17,0 mm	107 160 4
	37 mm	0 mm	9 mm	107 160 5
		1,5 mm	10,5 mm	107 160 6
		3,0 mm	12,0 mm	107 160 7
		5,0 mm	14,0 mm	107 160 8
		8,0 mm*	17,0 mm	107 160 9
Screw-on cross mounting plate with oblong holes and premounted Euro screws; hole distance 32 mm Attachment: Premounted Euro screws Hole: Max. dia. 5 mm x 12 mm Height adjustment: +2 / -2 mm Material: Nickel-plated steel / * nickel-plated zinc <div>   </div>	28 mm	0 mm	9 mm	107 162 0
		1,5 mm	10,5 mm	107 162 1
		3,0 mm	12,0 mm	107 162 2
		5,0 mm	14,0 mm	107 162 3
		8,0 mm*	17,0 mm	107 162 4
	37 mm	0 mm	9 mm	107 162 5
		1,5 mm	10,5 mm	107 162 6
		3,0 mm	12,0 mm	107 162 7
		5,0 mm	14,0 mm	107 162 8
		8,0 mm*	17,0 mm	107 162 9

System 9000 mounting plates

Packing unit: 400 pcs

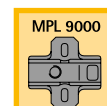


Article	Hole Line Spacing	Distance (D)	Height overall	Order No.
Hettich-Direkt screw-on cross mounting plate with oblong holes; hole distance 32 mm Attachment: Locating pegs and asymmetrically premounted woodscrews Hole: Dia. 5 mm x 7.5 mm Height adjustment: +2 / -2 mm Material: Nickel-plated steel / * nickel-plated zinc	28 mm	0 mm	9 mm	107 166 0
		1,5 mm	10,5 mm	107 166 1
		3,0 mm	12,0 mm	107 166 2
		5,0 mm	14,0 mm	107 166 3
		8,0 mm*	17,0 mm	107 166 4
	37 mm	0 mm	9 mm	107 166 5
		1,5 mm	10,5 mm	107 166 6
		3,0 mm	12,0 mm	107 166 7
		5,0 mm	14,0 mm	107 166 8
		8,0 mm*	17,0 mm	107 166 9
Screw-on cross mounting plate with oblong holes and premounted Euro screws; hole distance 32 mm Attachment: Premounted expanding dowels with screws Hole: Dia. 5 mm x 7,5 mm Height adjustment: +2 / -2 mm Material: Nickel-plated steel / * nickel-plated zinc	28 mm	0 mm	9 mm	107 168 0
		1,5 mm	10,5 mm	107 168 1
		3,0 mm	12,0 mm	107 168 2
		5,0 mm	14,0 mm	107 168 3
		8,0 mm*	17,0 mm	107 168 4
	37 mm	0 mm	9 mm	107 168 5
		1,5 mm	10,5 mm	107 168 6
		3,0 mm	12,0 mm	107 168 7
		5,0 mm	14,0 mm	107 168 8
		8,0 mm*	17,0 mm	107 168 9

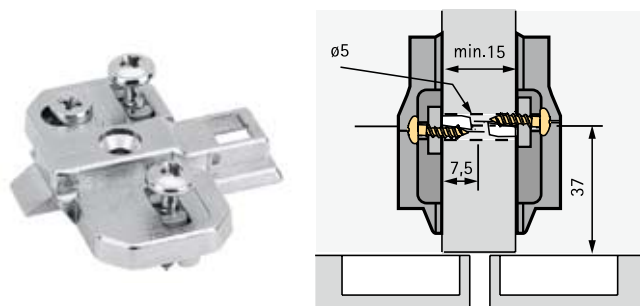
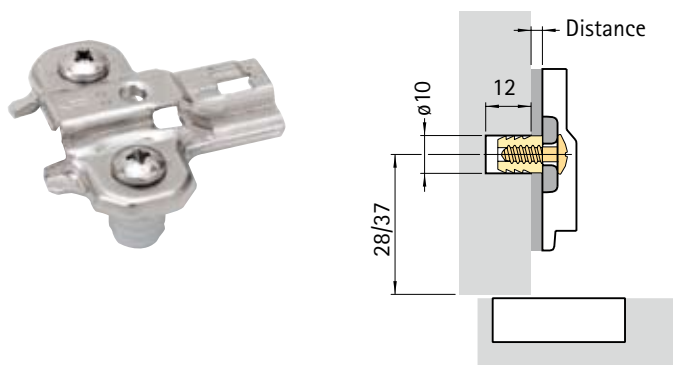


System 9000 mounting plates

Packing unit: 400 pcs

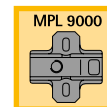


Article	Hole Line Spacing	Distance (D)	Height overall	Order No.
Cross mounting plate with knock-in dowels with oblong holes; hole distance 32 mm Attachment: Knock-in dowels Hole: Dia. 10 mm x 12 mm Height adjustment: +2 / -2 mm Material: Nickel-plated steel / * nickel-plated zinc	28 mm	0 mm	9 mm	107 170 0
		1,5 mm	10,5 mm	107 170 1
		3,0 mm	12,0 mm	107 170 2
		5,0 mm	14,0 mm	107 170 3
		8,0 mm*	17,0 mm	107 170 4
	37 mm	0 mm	9 mm	107 170 5
		1,5 mm	10,5 mm	107 170 6
		3,0 mm	12,0 mm	107 170 7
		5,0 mm	14,0 mm	107 170 8
		8,0 mm*	17,0 mm	107 170 9
Hettich-Direkt Top cross mounting plate with eccentric height adjustment Hole: Dia. 5 mm Height adjustment: +2 mm Material: Upper part: nickel-plated zinc / bottom part: zinc	37 mm	0 mm	9 mm	900 613 9
		1,5 mm	10,5 mm	900 614 0
		3,0 mm	12,0 mm	900 614 1
		5,0 mm	14,0 mm	900 614 2
		8,0 mm	17,0 mm	900 614 3

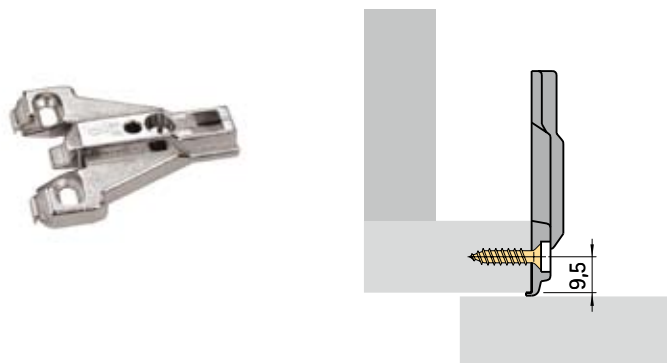
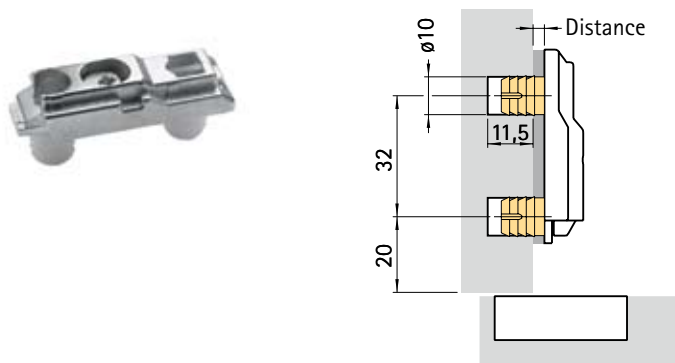


System 9000 mounting plates

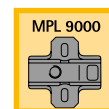
Packing unit: 400 pcs



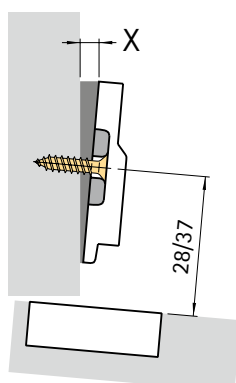
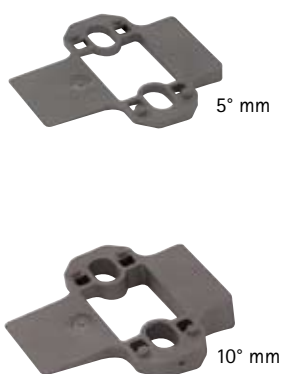
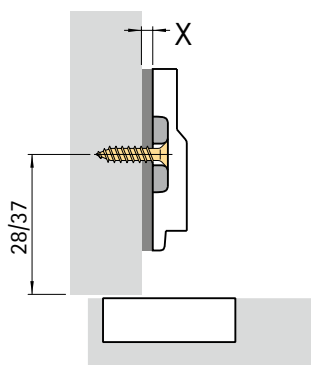
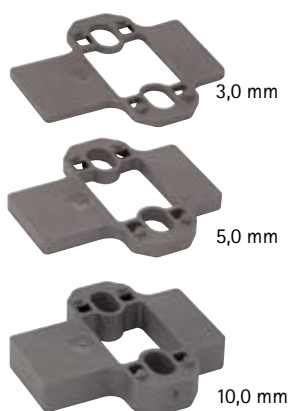
Article	Hole Line Spacing	Distance (D)	Height overall	Order No.
Two-part linear mounting plate with knock-in dowels Attachment: Knock-in dowels Hole: Dia. 10 mm x 12 mm Height adjustment: +2 / -2 mm Material: Upper part: nickel-plated / bottom part: steel	20 x	0 mm	9,0 mm	not available
	32 mm	1,5 mm	10,5 mm	102 966 3
		3,0 mm	12,0 mm	102 966 4
		5,0 mm	14,0 mm	102 966 5
		8,0 mm	17,0 mm	102 966 6
Screw-on cross mounting plate for frame constructions, with oblong holes, dia. 4.2 mm; hole distance 32 mm, adapters cannot be used.	9,5 mm	0 mm	9,0 mm	107 653 8
		4,5 mm	13,5 mm	107 653 9



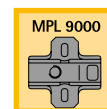
System 9000 mounting plates



Article	Hole Line Spacing	Distance (D)	Height overall	Order No.
Parallel distance plates for cross mounting plates Material: Plastic Colour: Silver-grey Packing unit: 1000 pcs	28/37 mm	3,0 mm	3,0 mm	107 472 7
		5,0 mm	5,0 mm	107 472 8
		10,0 mm	10,0 mm	107 472 9
Angled distance plates for cross mounting plates Material: Plastic Colour: Silver-grey Packing unit: 400 pcs	28/37 mm	5°	5,0 mm	107 473 0
		10°	10,0 mm	107 473 1



System 9000 mounting plates



Article

Hole Line
Spacing

Distance
(D)

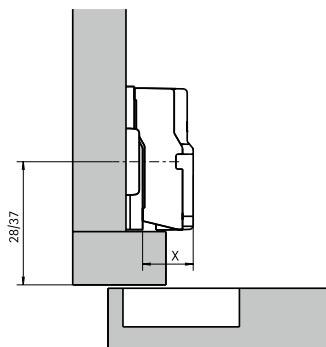
Height
overall

Order No.

Parallel adapter for cross mounting plates

Material: Diecast zinc

Packing unit: 400 pcs



28/37 mm

12 mm

15,2 mm

901 563 1

22 mm

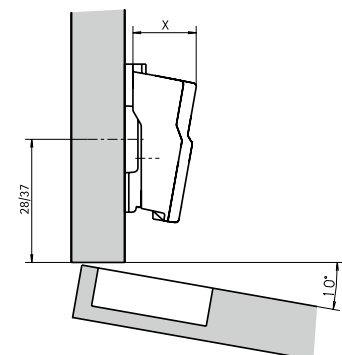
25,2 mm

901 563 3

Angled adapter for cross mounting plates

Material: Diecast zinc

Packing unit: 400 pcs



28/37 mm

5°

15,5 mm

903 701 5

10°

19,0 mm

903 701 7



15°

22,5 mm

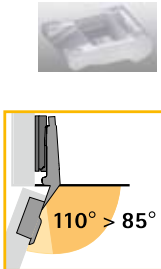
903 701 8

Accessories

Cover Caps



Article		Dimension in mm	Order No.
Steel cover cap for all crankings only for 0 cranking only for 0 cranking Packing unit: 2000 pcs		49,3 x 13,2	107 853 0
		42,4 x 14	108 464 4
		46 x 14	108 464 7
Plastic cover cap to be used in combination with Silent System type 1, only for 0 cranking Colour RAL 9011 – Graphite black Colour RAL 9010 – Pure white Colour RAL 7035 – Light grey Colour RAL 9011 – Graphite black Colour RAL 9010 – Pure white Colour RAL 7035 – Light grey Packing unit: 2500 pcs		44 x 14	on request
		44 x 14	904 678 5
		44 x 14	on request
		42,4 x 14	903 736 9
		42,4 x 14	903 802 3
		42,4 x 14	903 809 8

Opening angle stop

Article		Order No.
<p>The opening angle stop reduces the opening angle from 110° to 85°.</p> <p>This product is consequently particularly suitable for cabinets with adjacent / protruding parts, in order to prevent the fronts being damaged.</p> <p>The opening angle stop should be fitted by the fitter or end-user and not during production (see installation instructions).</p> <p>Available for:</p> <p>9843 all crankings</p> <p>Packing unit: 200 pcs</p>		
		904 083 5



Silent System

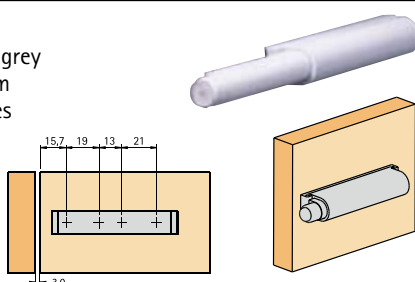
Article	Hole size in mm	Order No.
Type 1 – hinge cup door buffer, suitable for Ecomat 9836, all crankings  The cup buffer is an optional buffer which is screwed onto the door together with the hinge cup. A distinction is made between the following versions of Type 1 for the various drilling patterns: - Type 1 (T): (Hettich drilling pattern) - Type 1 (TS): (Salice drilling pattern) - Type 1 (TB): (Blum drilling pattern) - Type 1 (TM): (Mepla drilling pattern) Packing unit: 200 pcs		
	52 x 5,5	904 682 3
	48 x 6	904 683 0
	45 x 9,5	904 682 7
	48 x 9	904 683 4
Type 2 – linear screw-on buffer, suitable for Ecomat 9843  The linear screw-on buffer is an optional buffer which can be universally used for virtually the entire range of mounting situations. For 0 and 9.5 mm cranking – with stop edge For 16 mm cranking – without stop edge Packing unit: 200 pcs		
		904 647 2
		905 541 6

Push-to-open Universal

Colour RAL 7035 – Light grey
 Size: 75 x 14.5 x 19.5 mm
 for standard spring hinges

Adjustment range:
 Depth: +2.5 mm

Packing unit: 200 pcs



	15 x 19 x 13 x 21	905 192 5
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