

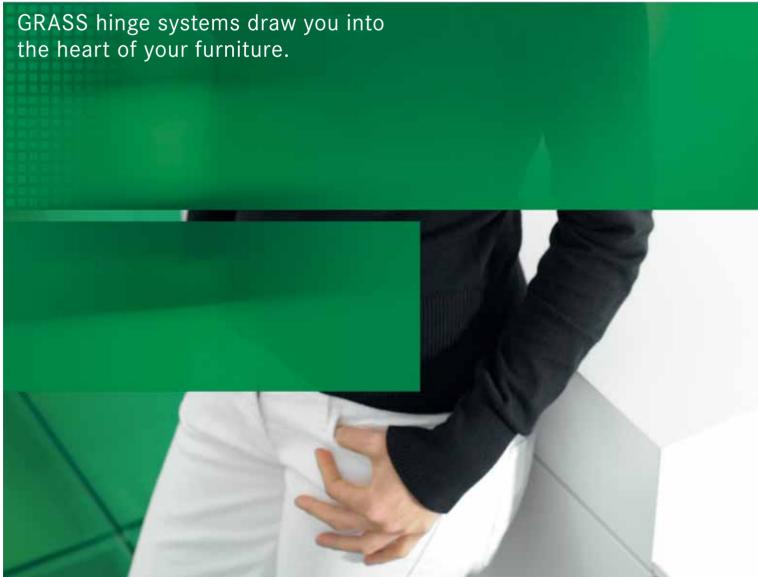


## **HINGE** SYSTEMS

Our versatile hinge systems offer everything that 'opens doors': fine-tuned movement systems encompassing design, finished quality, functionality and operating comfort.









## Whatever door you want to open: GRASS hinge systems offer perfect solutions for all applications.

# New requirements call for new product concepts.

In order to satisfy the demands of the furniture industry, the status of development needs continuous review and we must search out new product concepts. This approach is part of the GRASS tradition. Because movement is our passion. We perceive the development of modern hinge systems as highly complex tasks that take into account current as well as future requirements. In this respect, the focus is not only on technology and function but also, increasingly, on design and comfort. There is no better proof of this than our versatile movement systems for furniture doors. Find out for yourselves.

#### Comfort is a question of technology: Soft-close - the unique damping system for furniture doors - sets the standard.

With Soft-close, the comprehensive damping concept by GRASS, each movement becomes an ex-perience. Because closing a door of your furniture with Soft-close is something special. Soft-close gently slows down the movement and the door is pulled to, softly and quietly. It is no surprise therefore, that Soft-close has become the benchmark.

Soft-close can be used in all applications: it is suitable for wooden and aluminium frames and is also available as a pin fitting for fixing with screws or turning into a predrilled hole.

# SOFT-CLOSE FOR HINGES

## Comfortable, quiet and suitable for retrofit.

All hinges of the Nexis series can be reliably retrofitted with Soft-close without the need for tools.





# **Grass hinge product range**

overview.



<b>NEXIS</b> IMPRESSO  Exclusive hinges for rapid installation without tools.  Using Click-on technology.	
<b>NEXIS</b> CLICK-ON High quality quick-fit hinges with Click-on technology fitted to the cabinet.	
NEXIS SLIDE-ON Tried and tested automatic hinges with Slide-on installation to the cabinet.	
SNAP ON 3000 Timeless standard hinges with Snap-on technology installed to the cabinet.	
SOFT-CLOSE The unique damping system for furniture doors.	
TIPMATIC The mechanical opening system for furniture without handles.	
ILLUXO The unique hinge light system for Nexis Click-on.	
SPECIALHINGES Hinges for special applications.	
CABINET MAKING ACCESSORIES Small components with great effect.	
INSTALLATION TECHNOLOGY Assembly and installation jigs.	
INDEX ITEM NO.	





# G\*GRASS®

## **NEXIS** IMPRESSO

Exclusive hinges for rapid installation without tools. For the most exacting demands in terms of design, technology and workmanship. Using Click-on technology.



# **Grass Nexis Impresso**

The quick-fit system without tools.







Inde



# Nexis Impresso – quick and reliable fitting without tools

The Nexis Impresso series features cup fixing without tools – hence door fronts are quick to fit and take off. In flat-pack furniture, the hinges can be included separately with the pre-drilled doors. The hinges can be fitted quickly and reliably on site. Nexis Impresso is fitted with quiet, audible Click-on technology.

#### With Soft-close, the unique hinge damping system

Nexis Click-on hinges can be fitted from the start or as an upgrade – the installation is quick and reliable, and needs no tools.

#### Hinge cup with 'combi' drilling pattern

All hinges in the Nexis Impresso series are supplied with a 'combi' drilling pattern. Available combinations are Mepla-Alfit/Blum and Grass/Blum. This means that a Nexis Impresso hinge cup is always suitable for two drilling patterns.

#### Perfect fit in doors

Owing to the frictional and positive fit of the hinge cup, Nexis Impresso seats firmly and securely in door materials such as chipboard.

The unique design of Nexis Impresso combines form and function in one unit.

# **Nexis Impresso**

Product overview.

Opening angle	Drill hole	Short description	full overlay	half overlay	inset	Page
100°	35 mm	Nexis Impresso 04 for standard doors Also suitable for soft-formed doors Best gap requirements for doors up to 24 mm Soft-close compatible				1.6
110°	35 mm	Nexis Impresso 22 for standard doors Cup depth 11 mm Also suitable for soft-formed doors Soft-close compatible				1.8
125°	35 mm	Nexis Impresso 29 for standard doors  • Very comfortable access to the unit • Soft-close compatible				1.10
170°	35 mm	Nexis Impresso 65 wide-angle hinge Also suitable for soft-formed doors Zero protrusion Soft-close compatible				1.12
95°	35 mm	Nexis Impresso 05 hinge for profiled doors  Designed for profiled doors or thicker doors Best gap requirements for doors up to 30 mm Soft-close compatible				1.14
95°	35 mm	Nexis Impresso 05/20/6 +20° angle corner cabinet hinge • For angled corner cabinets and special applications • Best gap requirements for doors up to 30 mm • Soft-close compatible				1.16
95°	35 mm	Nexis Impresso 05/30/2 +30° angle corner cabinet hinge • For angled corner cabinets and special applications • Best gap requirements for doors up to 30 mm • Soft-close compatible				1.18
95°	35 mm	Nexis Impresso 05/45/3 +45° angle corner cabinet hinge For angled corner cabinets and special applications Best gap requirements for doors up to 30 mm Soft-close compatible				1.20
95°	35 mm	Nexis Impresso 05/45/8 +45° angle corner cabinet hinge For angled corner cabinets and special applications Best gap requirements for doors up to 30 mm Soft-close compatible				1.22
125°	35 mm	Nexis Impresso 29/-14 -14° angle corner cabinet hinge • For angled corner cabinets and special applications • Soft-close compatible				1.24

Index A

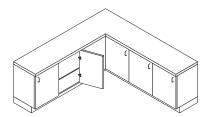
Opening angle	Drill hole	Short description	full overlay	half overlay	inset	Page
125°	35 mm	Nexis Impresso 29/-24 -24° angle corner cabinet hinge • For angled corner cabinets and special applications • Ideal for kitchen and bathroom applications				1.26
125°	35 mm	Nexis Impresso 29/-45 -45° angle corner cabinet hinge • For angled corner cabinets and special applications • Ideal for kitchen and bathroom applications				1.28
95°	35 mm	Nexis Impresso 05/90/4 Blind corner hinge Best gap requirements for doors up to 30 mm Soft-close compatible For protruding posts				1.30
_	2	Accessories  Hinge arm cover caps Opening angle limiter				1.32 - 1.33
		Technical Information				1.34 - 1.37
Nexis Click-on mounting plates					Chapter 2 2.62 - 2.71	
Soft-close damping system for Nexis Impresso hinges					Chapter 5	
Tipmatic opening system for Nexis Impresso hinges			Chapter 6			

## **Nexis Impresso 04**

## 100° hinge for standard doors



- Opening angle 100°
- Optimum gap requirements for doors up to 24 mm thick
- · Soft-close compatible
- With low cup depth (11.5 mm) also suitable for soft-formed doors
- Self-closing
- 3-dimensional adjustment with suitable mounting plate



#### Full overlay

#### Cranking 00





Hinge cup: Zamak, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.
48/9 and 45/9.5	146.604.35.0015
	PU 125 pieces

#### Cover caps for cranking 00

## \*

Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.21.0215 514.000.22.9762 PU 1000 pieces

#### Half overlay

#### Cranking 08





Hinge cup: Zamak, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	
48/9 and 45/9.5	146.604.35.0815	
	PU 125 pieces	

#### Inset

#### Cranking 15





Hinge cup: Zamak, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.
48/9 and 45/9.5	146.604.35.1515
42/11 and 45/9.5	138.604.51.1515
	PU 125 pieces

#### Cover caps for cranking 08 and 15

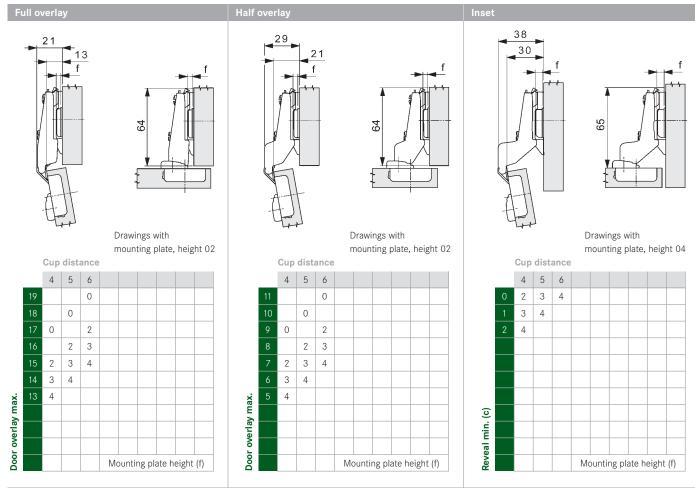


Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.22.0015 514.000.22.9762 PU 1000 pieces

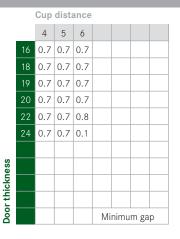
- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

Soft-close Impresso	Page 5.6	Click-on Mounting plates	Page 2.62 - 2.71	Mounting aids	Chapter 10
Tipmatic Impresso	Page 6.6			Technical Information	Page 1.34 - 1.37



#### Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.



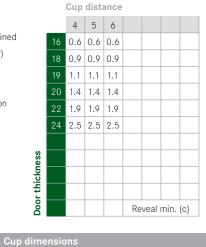
#### Reveal table

#### Note

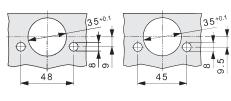
Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

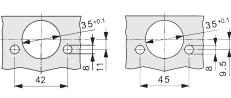
Hinge dimensions and calculation of reveal with factory setting.

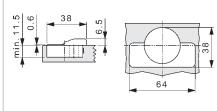
We recommend a trial fitting.



Combi drilling pattern 48/9 and 45/9.5	Combi drilling pattern 42/11 and 45/9.





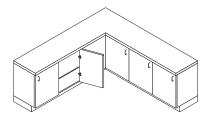


## **Nexis Impresso 22**

## 110° hinge for standard doors



- Opening angle 110°
- Soft-close compatible
- With low cup depth (11.5 mm) also suitable for soft-formed doors
- · Suitable for all standard doors up to 20 mm thick
- · Self-closing
- 3-dimensional adjustment with suitable mounting plate



Full overlay	Cranking 0





Hinge cup: Zamak, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	
48/9 and 45/9.5	146.622.35.0015	
42/11 and 45/9.5	138.622.50.0015	
	PU 125 pieces	

#### Cover plates for cranking 00



Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.21.0215 514.000.22.9762 PU 1000 pieces

#### Half overlay Cranking 08





Hinge cup: Zamak, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	
48/9 and 45/9.5	146.622.35.0815	
42/11 and 45/9.5	138.622.50.0815	
	PU 125 pieces	

#### Cover plates for cranking 08



Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.22.0015 514.000.22.9762 PU 1000 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

#### Opening angle limiter



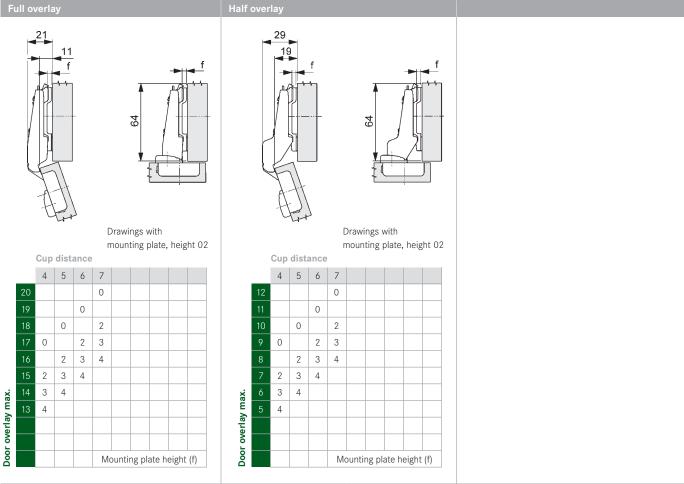
Limitation of opening angle to 85°

Prevents doors from colliding with fronts or walls in corner installations.

Black plastic

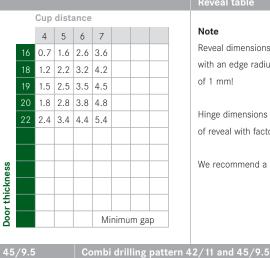
Item No.
641.000.10.0062
PU 1000 pieces

Soft-close Impresso	Page 5.6	Click-on Mounting plates	Page 2.62 - 2.71	Mounting aids	Chapter 10
Tipmatic Impresso	Page 6.6			Technical Information	Page 1.34 - 1.37



#### Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

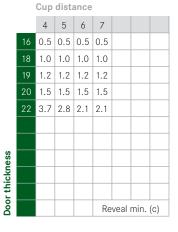


# Reveal dimensions were determined

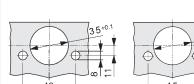
with an edge radius (of the door) of 1 mm!

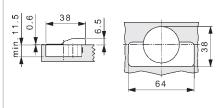
Hinge dimensions and calculation of reveal with factory setting.

We recommend a trial fitting.



ı	
35+0.1	35+0.1
0	8 3.
48	45



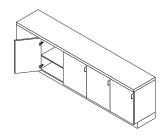


## **Nexis Impresso 29**

## 125° hinge for standard doors



- Opening angle 125°
- Soft-close compatible
- Up to 19 mm door thickness
- Self-closing
- 3-dimensional adjustment with suitable mounting plate



#### Full overlay Cranking 00





Hinge cup: Zamak, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	
48/9 and 45/9.5	146.629.35.0015	
42/11 and 45/9,5	138.629.50.0015	
	PU 125 pieces	

#### Cover plates for cranking 00



Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.21.0215 514.000.22.9762 PU 1000 pieces

#### Half overlay Cranking 08





Hinge cup: Zamak, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	
48/9 and 45/9.5	146.629.35.0815	
42/11 and 45/9,5	138.629.50.0815	
	PU 125 pieces	

#### Cover plates for cranking 08

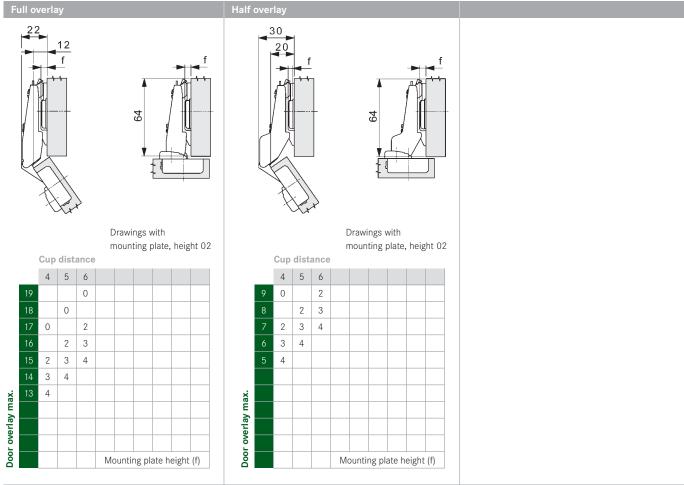


Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.22.0015 514.000.22.9762 PU 1000 pieces

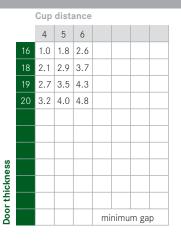
- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

Soft-close Impresso	Page 5.6	Click-on Mounting plates	Page 2.62 - 2.71	Mounting aids	Chapter 10
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#### Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.



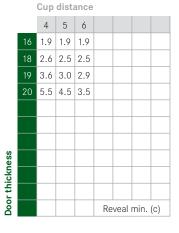
#### Reveal table

of 1 mm!

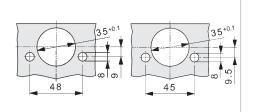
# Reveal dimensions were determined with an edge radius (of the door)

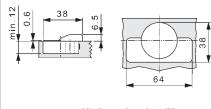
Hinge dimensions and calculation of reveal with factory setting.

We recommend a trial fitting.



#### Combi drilling pattern 48/9 and 45/9.5



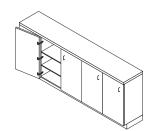


## **Nexis Impresso 65**

## 170° wide-angle hinge



- Opening angle 170°
- · Soft-close compatible
- Up to 26 mm door thickness
- With low cup depth (11 mm) also suitable for soft-formed doors
- $\bullet$  Zero protrusion when door opened 90  $^\circ$
- Finger protection
- Self-closing
- 3-dimensional adjustment with suitable mounting plate



Full	over	lav

## Cranking 00





Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	
48/9 and 45/9.5	146.765.35.0015	
42/11 and 45/9.5	138.765.65.0015	
	PU 50 pieces	

#### Half overlay

Cranking 08





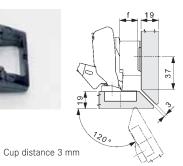
Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	
48/9 and 45/9.5	146.765.35.0815	
42/11 and 45/9.5	138.765.65.0815	
	PU 50 pieces	

#### Limitation of opening angle to 120°

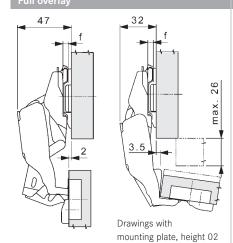




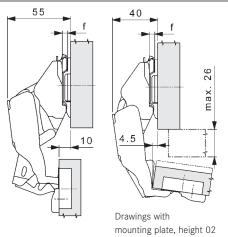


641.000.09.9862 PU 250 pieces

Soft-close 170°	Page 5.10	Click-on Mounting plates	Page 2.62 - 2.71	Mounting aids	Chapter 10
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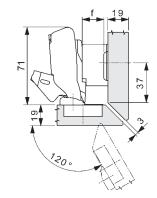


	Cup distance									
		4	5	6	7	8				
	21					0				
	20				0					
	19			0		2				
	18		0		2	3				
	17	0		2	3	4				
	16		2	3	4					
ax.	15	2	3	4						
Ë	14	3	4							
erla	13	4								
Door overlay max.										
8 0	Mounting plate height (f)								(f)	

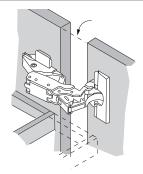


Cup distance

		4	5	6	7	8				
	13					0				
	12				0					
	11			0		2				
	10		0		2	3				
	9	0		2	3	4				
	8		2	3	4					
ax.	7	2	3	4						
Ë	6	3	4							
erla	5	4								
Door overlay max.										
Doo					М	ountii	ng pla	ate h	eight	(f)



With a cup distance of 3 mm and an 18 mm high mounting plate you achieve an inset stop.



Zero protrusion for application with inset drawers. With 00 cranking and 00 height of mounting plate the door is flush with the cabinet at 90°.

Cup distance

## Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

Cup distance									
	3	4	5	6	8	10			
16	0.7	0.7	0.7	0.7	0.7	0.7			
18	0.7	0.7	0.7	0.7	0.7	0.7			
19	0.7	0.7	0.7	0.7	0.7	0.7			
20	0.7	0.7	0.7	0.7	0.7	0.7			
22	0.7	0.7	0.7	0.7	0.7	0.7			
23	0.7	0.7	0.7	0.7	0.7	0.7			
24	0.7	0.7	0.7	0.7	0.7	0.7			
25	0.7	0.7	0.7	0.7	0.7	0.7			
26	0.7	0.7	0.7	0.7	0.7	0.7			
				Minimum gap					

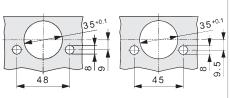
Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of reveal with factory setting.

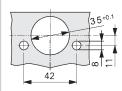
We recommend a trial fitting.

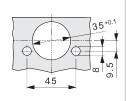
c)



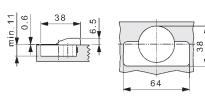


Door thickness









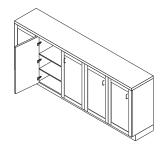
All dimensions in millimetres.

## **Nexis Impresso 05**

## $95^{\circ}$ profile door hinge for doors up to 30 mm thick



- Opening angle 95°
- Minimum gap requirements for thick doors
- Soft-close compatible
- Up to 30 mm door thickness
- Self-closing
- 3-dimensional adjustment with suitable mounting plate



Full overlay	Cranking 00





Hinge cup: Zamak, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	
48/9 and 45/9.5	146.605.35.0015	
42/11 and 45/9.5	138.605.51.0015	
	PU 125 pieces	

#### Cover caps for cranking 00



Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.21.0215 514.000.22.9762 PU 1000 pieces

#### Half overlay

#### Cranking 08





Hinge cup: Zamak, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	
48/9 and 45/9.5	146.605.35.0815	
42/11 and 45/9.5	138.605.51.0815	
	PU 125 pieces	

#### Inset

#### Cranking 15





Hinge cup: Zamak, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	
48/9 and 45/9.5	146.605.35.1515	
42/11 and 45/9.5	138.605.51.1515	
	PU 125 pieces	

#### Cover caps for cranking 08 and 15

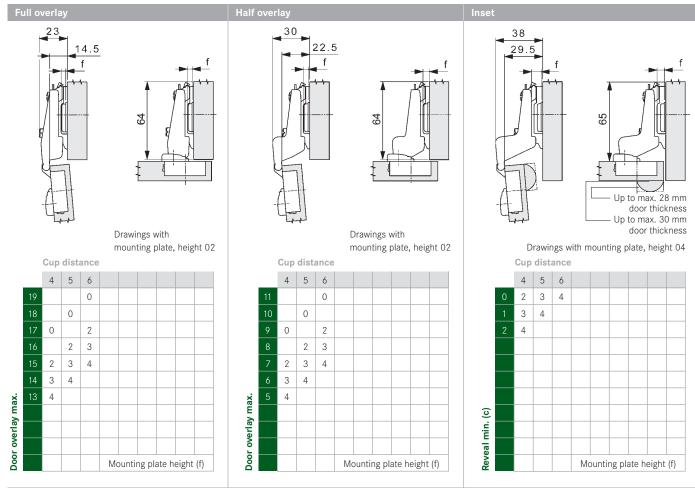


Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.22.0015 514.000.22.9762 PU 1000 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

Soft-close Impresso	Page 5.6	Click-on Mounting plates	Page 2.62 - 2.71	Mounting aids	Chapter 10
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#### Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

	Cup distance							
	4	5	6	7				
16	0.7	0.7	0.7	0.7				
18	0.7	0.7	0.7	0.7				
19	0.7	0.7	0.7	0.7				
20	0.7	0.7	0.7	0.7				
22	0.7	0.7	0.7	0.7				
24	0.7	0.7	0.7	0.7				
26	0.7	0.7	0.7	0.7				
28	0.7	0.7	0.7	0.9				
30	0.7	0.7	0.1	0.1				
				Minimum gap				

#### Reveal table

#### Note

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of reveal with factory setting.

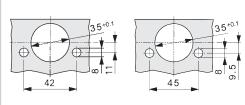
We recommend a trial fitting.

		4	5	6			
	16	0.1	0.1	0.1			
	18	0.2	0.2	0.2			
	19	0.3	0.3	0.3			
	20	0.4	0.4	0.4			
	22	0.7	0.7	0.7			
	24	1.0	1.0	1.0			
	26	1.4	1.4	1.4			
20	28	1.9	1.9	1.9			
2	30	2.9	2.6	2.5			
Door unickness							
3					Reveal min. (c)		

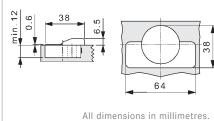
Cup distance

± 48 ± 45 ± 5 ± 6 ± 6 ± 6 ± 6 ± 6 ± 6 ± 6 ± 6 ±
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Door thickness



Combi drilling pattern 42/11 and 45/9.5

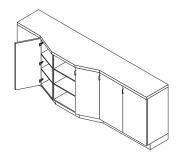


## Nexis Impresso 05/20/6

+20° angle corner cabinet hinge, half overlay



- For 20° angle corner cabinets
- Opening angle 95°
- Optimum gap requirements up to door thickness of 30 mm
- · Soft-close compatible
- Self-closing
- 3-dimensional adjustment with suitable mounting plate



#### Half overlay





Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	
48/9 and 45/9.5	146.705.35.0615	
	PU 125 pieces	

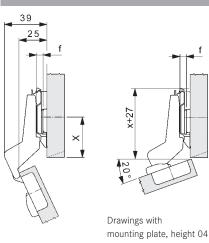
# \* \*\*

Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

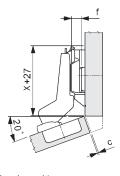
514.300.21.0215 514.000.22.9762 PU 1000 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

Soft-close Impresso	Page 5.6	Click-on Mounting plates	Page 2.62 - 2.71	Mounting aids	Chapter 10
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43 30

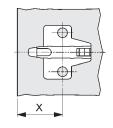


Drawings with mounting plate, height 08

We recommend a trial fitting.

Cup distance

		4	5	6	
				0	
	6		0		
	5	0		2	
	4		2	3	
	3	2	3	4	
	2	3	4		
ax.	1	4			
E Z					
erla					
Door overlay max.					
Doo					Mounting plate height (f)



- x = 38.5 with mounting plate, height 00
- x = 37.5 with mounting plate, height 02
- x = 37.5 with mounting plate, height 03
- x = 37.0 with mounting plate, height 04

## Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

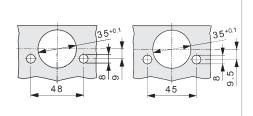
	Cup distance								
	4	5	6	7					
16	0.7	0.7	0.7	0.7					
18	0.7	0.7	0.7	0.7					
19	0.7	0.7	0.7	0.7					
20	0.7	0.7	0.7	0.7					
22	0.7	0.7	0.7	0.7					
24	0.7	0.7	0.7	0.7					
26	0.7	0.7	0.7	0.7					
28	0.7	0.7	0.7	0.9					
30	0.7	0.7	0.1	0.1					
				Minimum gap					

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

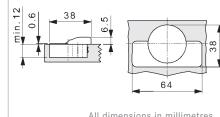
Hinge dimensions and calculation of reveal with factory setting.

We recommend a trial fitting.

	Cup distance							
	4	5	6					
16	0.1	0.1	0.1					
18	0.2	0.2	0.2					
19	0.3	0.3	0.3					
20	0.4	0.4	0.4					
22	0.7	0.7	0.7					
24	1.0	1.0	1.0					
26	1.4	1.4	1.4					
28	1.9	1.9	1.9					
30	2.9	2.6	2.5					
				Reveal min. (c)				



Door thickness

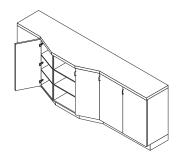


## Nexis Impresso 05/30/2

+30° angle corner cabinet hinge, half overlay



- For 30° angle corner cabinets
- Opening angle 95°
- Optimum gap requirements up to door thickness of 30 mm
- · Soft-close compatible
- Self-closing
- 3-dimensional adjustment with suitable mounting plate



#### Half overlay





Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	
48/9 and 45/9.5	146.705.35.0215	
42/11 and 45/9.5	138.705.51.0215	
	PU 125 pieces	

\*

Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.21.0215 514.000.22.9762 PU 1000 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

Soft-close Impresso	Page 5.6	Click-on Mounting plates	Page 2.62 - 2.71	Mounting aids	Chapter 10
				Technical Information	Page 1.34 - 1.37

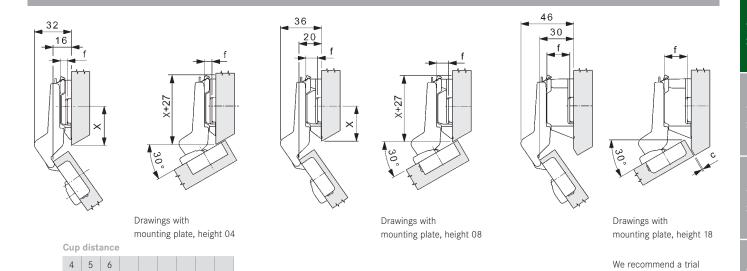


Table of minimum gaps

Mounting plate height (f)

Door thickness

0

2 3

13 0

11 2 3 4

10 3

Door overlay max.

The minimum gap is the gap between the closed door and the front of the cabinet.

	Cup	dista	ance				
	4	5	6	7			
16	0.7	0.7	0.7	0.7			
18	0.7	0.7	0.7	0.7			
19	0.7	0.7	0.7	0.7			
20	0.7	0.7	0.7	0.7			
22	0.7	0.7	0.7	0.7			
24	0.7	0.7	0.7	0.7			
26	0.7	0.7	0.7	0.7			
28	0.7	0.7	0.7	0.9			
30	0.7	0.7	0.1	0.1			
				Minimum gap			

Reveal table

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

x = 35.0 with mounting plate, height 00

x = 34.0 with mounting plate, height 02

x = 33.5 with mounting plate, height 03 x = 33.0 with mounting plate, height 04 x = 31.0 with mounting plate, height 08

Hinge dimensions and calculation of reveal with factory setting.

We recommend a trial fitting.

	4	5	6		
16	0.1	0.1	0.1		
18	0.2	0.2	0.2		
19	0.3	0.3	0.3		
20	0.4	0.4	0.4		
22	0.7	0.7	0.7		
24	1.0	1.0	1.0		
26	1.4	1.4	1.4		
28	1.9	1.9	1.9		
30	2.9	2.6	2.5		
				Reveal min. (c)	

fitting.

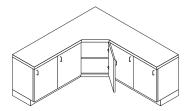
	Combi drilling pattern 42/11 and 45/9.5	Cup dimensions		
.1	35+0.1	All dimensions in millimetres.		

## Nexis Impresso 05/45/3

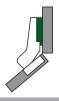
## +45° angle corner cabinet hinge, inset



- For 45° angle corner cabinets
- Opening angle 95°
- Optimum gap requirements up to door thickness of 30 mm
- · Soft-close compatible
- Self-closing
- 3-dimensional adjustment with suitable mounting plate



#### Inset





Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	
48/9 and 45/9.5	146.705.35.0315	
42/11 and 45/9.5	138.705.51.0315	
	PU 125 pieces	

Cover caps

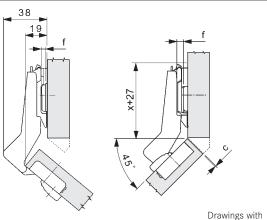
\*

Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

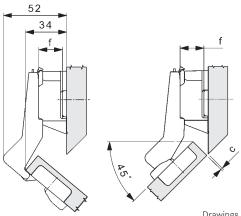
514.300.21.0215 514.000.22.9762 PU 1000 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

Soft-close Impresso	Page 5.6	Click-on Mounting plates	Page 2.62 - 2.71	Mounting aids	Chapter 10
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Drawings with mounting plate, height 04

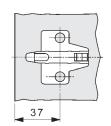


Drawings with mounting plate, height 18

We recommend a trial fitting.

#### Cup distance

	4	5	6						
	2	3	4						
ľ									
ľ									
ľ									
ľ									
				Mounting plate height (f)					



#### Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

Cup distance								
	4	5	6	7				
16	0.7	0.7	0.7	0.7				
18	0.7	0.7	0.7	0.7				
19	0.7	0.7	0.7	0.7				
20	0.7	0.7	0.7	0.7				
22	0.7	0.7	0.7	0.7				
24	0.7	0.7	0.7	0.7				
26	0.7	0.7	0.7	0.7				
28	0.7	0.7	0.7	0.9				
30	0.7	0.7	0.1	0.1				
				Minimum gap				

#### Reveal table

#### Note

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of reveal with factory setting.

We recommend a trial fitting.

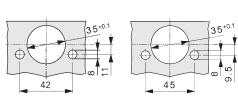
		4	5	6	
	16	0.1	0.1	0.1	
	18	0.2	0.2	0.2	
	19	0.3	0.3	0.3	
	20	0.4	0.4	0.4	
	22	0.7	0.7	0.7	
	24	1.0	1.0	1.0	
	26	1.4	1.4	1.4	
ess	28	1.9	1.9	1.9	
ջ	30	2.9	2.6	2.5	
Door thickness					
å					Reveal min. (c)

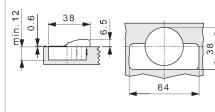
Cup distance

#### Combi drilling pattern 48/9 and 45/9.5

Door thickness

#### Combi drilling pattern 42/11 and 45/9.5



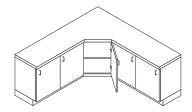


## Nexis Impresso 05/45/8

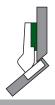
+45° angle corner cabinet hinge, half overlay



- For 45° angle corner cabinets
- Opening angle 95°
- Optimum gap requirements up to door thickness of 30 mm
- · Soft-close compatible
- Self-closing
- 3-dimensional adjustment with suitable mounting plate



#### Half overlay





Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	
48/9 and 45/9.5	146.705.35.0815	
42/11 and 45/9.5	138.705.51.0815	
	PU 125 pieces	

Cover caps

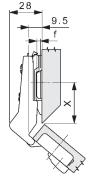
Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

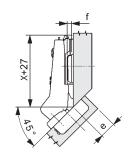
514.300.21.0215 514.000.22.9762 PU 1000 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

Soft-close Impresso	Page 5.6	Click-on Mounting plates	Page 2.62 - 2.71	Mounting aids	Chapter 10
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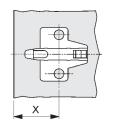




Drawings with mounting plate, height 02

#### Cup distance

	4	5	6						
19.5			0						
18.8		0							
18.0	0		2						
17.3		2	3						
16.5	2	3	4						
15.8	3	4							
15.0	4								
				Мо	untin	g pla	te he	ight	(f)



- x = 35.0 with mounting plate, height 00
- x = 33.0 with mounting plate, height 02
- x = 32.0 with mounting plate, height 03
- x = 31.0 with mounting plate, height 04

## Table of minimum gaps

Door overlay max.

The minimum gap is the gap between the closed door and the front of the cabinet.

	Cup	dist	ance				
	4	5	6	7			
16	0.7	0.7	0.7	0.7			
18	0.7	0.7	0.7	0.7			
19	0.7	0.7	0.7	0.7			
20	0.7	0.7	0.7	0.7			
22	0.7	0.7	0.7	0.7			
24	0.7	0.7	0.7	0.7			
26	0.7	0.7	0.7	0.7			
28	0.7	0.7	0.7	0.9			
30	0.7	0.7	0.1	0.1			
				Mi	nimu	m ga	р

#### Reveal table

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of reveal with factory setting.

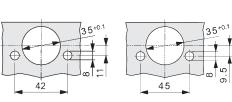
We recommend a trial fitting.

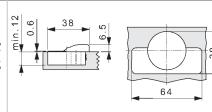
	Cup	dist	ance					
	4	5	6					
16	0.1	0.1	0.1					
18	0.2	0.2	0.2					
19	0.3	0.3	0.3					
20	0.4	0.4	0.4					
22	0.7	0.7	0.7					
24	1.0	1.0	1.0					
26	1.4	1.4	1.4					
28	1.9	1.9	1.9					
30	2.9	2.6	2.5					
				Re	veal	min.	(c)	

#### Combi drilling pattern 48/9 and 45/9.5

Door thickness

#### Combi drilling pattern 42/11 and 45/9.5





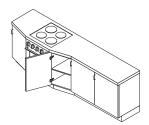
All dimensions in millimetres.

## Nexis Impresso 29/-14

## -14° angle corner cabinet hinge, half overlay



- For 14° negative angle corner cabinets
- Opening angle 125°
- · Soft-close compatible
- Self-closing
- 3-dimensional adjustment with suitable mounting plate



#### Half overlay





Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	
48/9 and 45/9.5	146.729.35.1015	
	PU 125 pieces	

Cover caps

\*\*

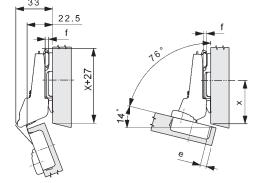
Black plastic, without imprint, Soft-close compatible

514.000.22.9762

PU 1000 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

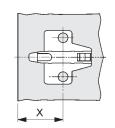
Soft-close Impresso	Page 5.6	Click-on Mounting plates	Page 2.62 - 2.71	Mounting aids	Chapter 10
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Drawings with mounting plate, height 02 We recommend a trial fitting.

#### Cup distance

		4	5	6	
	10			0	
			0		
	8	0		2	
	7		2	3	
	6	2	3	4	
	5	3	4		
ax.	4	4			
Ë					
erla					
Door overlay max.					
Doo					Mounting plate height (f)



x = 38.5 with mounting plate, height 00

x = 39.0 with mounting plate, height 02

x = 39.0 with mounting plate, height 03

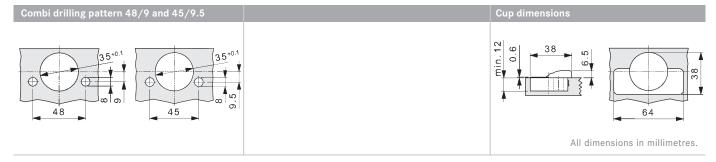
x = 39.5 with mounting plate, height 04

## Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

## 

Hinge dimensions with works setting.

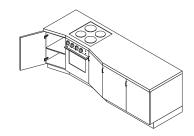


# Nexis Impresso 29/-24

## -24° angle corner cabinet hinge, half overlay



- $^{\bullet}$  For 24  $^{\circ}$  negative angle corner cabinets
- Opening angle 125°
- Self-closing
- 3-dimensional adjustment with suitable mounting plate



#### Half overlay





Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	
48/9 and 45/9.5	146.729.35.0115	
	PU 125 pieces	

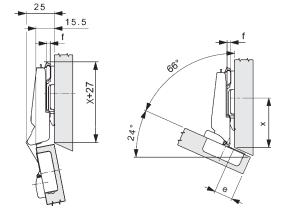
# Cover caps \* \*\*

Steel, nickel-plated, without imprint Black plastic, without imprint

514.300.21.0215 514.000.22.9762 PU 1000 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

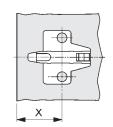
Soft-close Pin	Page 5.16	Click-on Mounting plates	Page 2.62 - 2.71	Mounting aids	Chapter 10
				Technical Information	Page 1.34 - 1.37



Drawings with mounting plate, height 02 We recommend a trial fitting.

#### Cup distance

		4	5	6						
	18			0						
	17		0							
	16	0		2						
	15		2	3						
	14	2	3	4						
	13	3	4							
ax.	12	4								
Σ										
erla										
Door overlay max.										
õ					М	ounti	ng pl	ate h	eight	(f)



x = 42.5 with mounting plate, height 00

x = 43.5 with mounting plate, height 02

x = 44.0 with mounting plate, height 03

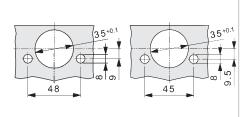
x = 44.5 with mounting plate, height 04

## Table of minimum gaps

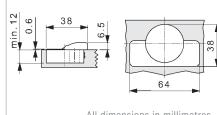
The minimum gap is the gap between the closed door and the front of the cabinet.

#### Cup distance

	3	4	5	6			
16	0.5	1.0	1.8	2.6			
18	1.3	2.1	2.9	3.7			
19	1.9	2.7	3.5	4.3			
20	2.4	3.2	4.0	4.8			
				Mi	nimu	m ga	р



Door thickness

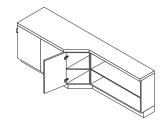


# Nexis Impresso 29/-45

## -45° angle corner cabinet hinge, half overlay



- $^{\bullet}$  For 45  $^{\circ}$  negative angle corner cabinets
- Opening angle 125°
- Self-closing
- 3-dimensional adjustment with suitable mounting plate



#### Half overlay





Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

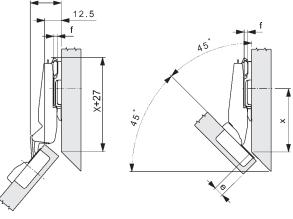
Drilling pattern	Item No.	
48/9 and 45/9.5	146.729.35.4515	
	PU 125 pieces	

## Cover caps

Steel, nickel-plated, without imprint Black plastic, without imprint 514.300.21.0215 514.000.22.9762 PU 1000 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

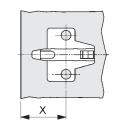
Soft-close Pin	Page 5.16	Click-on Mounting plates	Page 2.62 - 2.71	Mounting aids	Chapter 10
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Drawings with mounting plate, height 02 We recommend a trial fitting.

Cup distance

		4	5	6					
	12			0					
	11		0						
	10	0		2					
	9		2	3					
	8	2	3	4					
	7	3	4						
ax.	6	4							
Ë									
erla									
Door overlay max.									
Doo					Mounting plate height (f)			(f)	



x = 55.0 with mounting plate, height 00

x = 57.0 with mounting plate, height 02

x = 58.0 with mounting plate, height 03

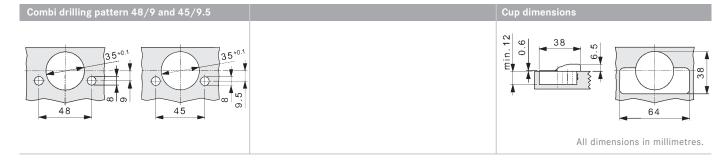
x = 59.0 with mounting plate, height 04

## Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

## 

Door thickness

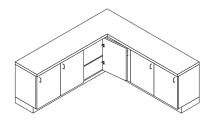


## Nexis Impresso 05/90/4

## 95° post hinge, inset



- For direct mounting on protruding post
- Opening angle 95°
- Optimum gap requirements up to door thickness of 30 mm
- · Soft-close compatible
- Self-closing
- 3-dimensional adjustment with suitable mounting plate



#### inset





Drilling pattern	Item No.	
48/9 and 45/9.5	146.705.35.9615	
42/11 and 45/9.5	138.705.51.9615	
	PU 125 pieces	

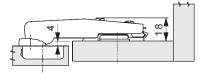
\*

Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

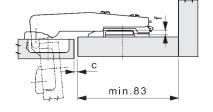
Item No.
514.300.21.0215
514.000.22.9762
PU 1000 pieces

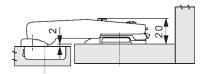
- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

Soft-close Impresso	Page 5.6	Click-on Mounting plates	Page 2.62 - 2.71	Mounting aids	Chapter 10
				Technical Information	Page 1.34 - 1.37

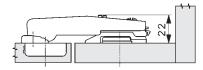


Drawings with mounting plate, height 00





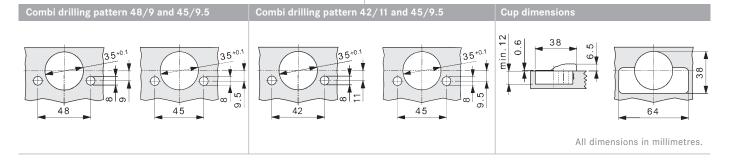
Drawings with mounting plate, height  $02\,$ 



Drawings with mounting plate, height 04

We recommend a trial fitting.

## Cup distance 4 5 6 Reveal dimensions were determined 0.1 0.1 0.1 with an edge radius (of the door) 0.2 0.2 0.2 of 1 mm! 0.3 0.3 0.3 0.4 0.4 0.4 Hinge dimensions and calculation 0.7 0.7 0.7 of reveal with factory setting. 1.0 1.0 1.0 1.4 | 1.4 | 1.4 We recommend a trial fitting. Door thickness 1.9 1.9 1.9 2.9 2.6 2.5 Reveal min. (c)



## **Nexis Impresso accessories**

For Nexis Impresso hinges.

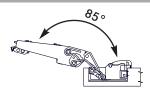
## Hinge arm cover caps Cover cap in plastic, long Steel, nickel-plated, without imprint Item No. Plastic, without imprint 514.300.02.0015 514.000.02.9762 for hinges with cranking 00 PU 1000 pieces for hinges with cranking 00 PU 1000 pieces Plastic, without imprint 514.300.22.0015 514.000.22.9762 for hinges with cranking 08 and 15 $\,$ PU 1000 pieces for hinges with cranking 00, 08 and 15 PU 1000 pieces Cover cap in steel, short, Soft-close compatible Cover cap in plastic, with clip lock, Soft-close compatible Steel, nickel-plated, without imprint Plastic, without imprint 514.300.21.0215 514.000.12.0062 for hinges with cranking 00 PU 1000 pieces PU 5000 pieces on request with individual company logo

## Opening angle reduction clips

## Opening angle reduction clip for 85°

on request with Grass imprint on request with Grass embossed





For 110° standard door hinge, page 8
Prevents doors from colliding with fronts
or walls in corner installations.
Black plastic

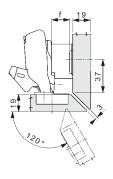
## Item No

641.000.10.0062

PU 1000 pieces

## Opening angle reduction clip for 120 $^{\circ}\,$





For 170° wide-angle hinge, page 12 Prevents the door from knocking against the cabinet where stop is inset. Black plastic

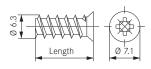
641.000.09.9862 PU 250 pieces

Index

## Fixing screws

## 191 / 192 Euro screw, nickel-plated

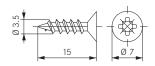




Item No. / Ø 6.3 x 10.5 mm	Item No./ Ø 6.3 x 13 mm
711.331.61.9715	707.331.61.9715
PU 5000 pieces	PU 1000 pieces

## 198 Wood screw, nickel-plated





ı	Item No. / Ø 3.5 x 15 mm
	707.333.51.9715

PU 1000 pieces

## **Technical information**

for Nexis Impresso.

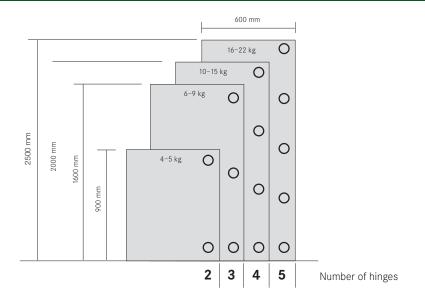
## Number of hinges per door

Determining factors are the height and weight of the door, the quality of the material, cup and mounting plate fixing.

The load and height figures refer to standard door widths of 600 mm.

Hinges with  $\emptyset$  26 mm housing were tested with 450 mm wide doors.

In cases of uncertainty, the number of hinges should be determined with a trial installation.



Reveal (c) is the distance that should be left between two doors or between the door and side wall of the cabinet to allow sufficient space for opening the door. The required reveal width (c) depends on the thickness of the door.

Most furniture makers prefer a reveal (c) of between 3 mm and 6 mm.

Reveal (c)

## Required reveal

The table shows the reveal that should be left between two doors or between door and side wall to allow enough space for opening the door.

## Example:

For a door thickness of 18 mm and a cup distance of 6 mm a gap of 0.2 mm is needed.

Cup distance								
		3	4	5	6			
	16	0.1	0.1	0.1	0.1			
	18	0.2	0.2	0.2	0.2			
	19	0.3	0.3	0.3	0.3			
:	20	0.4	0.4	0.4	0.4			
:	22	0.7	0.7	0.7	0.7			
:	24	1.0	1.0	1.0	1.0			
:	26	1.4	1.4	1.4	1.4			
:	28	1.9	1.9	1.9	1.9			
;	30	3.8	2.9	2.6	2.5			
					Re	veal	min.	(c)

## Note

Reveal dimensions were determined with an edge radius (of the door) of 1 mm! Hinge dimensions and calculation of gap factory setting. We recommend a trial fitting.

Door thickness

## Reveal achievable with inset door

The table shows the achievable gap for an inset door, depending on the cup distance and mounting plate height.

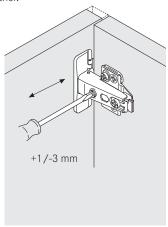
## Example:

A cup distance of 4 mm results from using a mounting plate with height 03 in a reveal (f) of 1 mm. This is also called negative opening action.

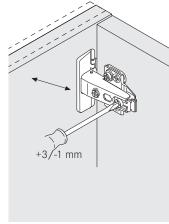
	3	4	5	6					
0		2	3	4					
1	2	3	4						
2	3	4							
				М	ounti	ng pl	ate h	eight	(f)

## Adjustments

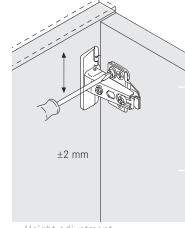
The options for height adjustment depend on the type of mounting plate. All adjustments can be carried out independent of one another.



Side adjustment



Depth adjustment

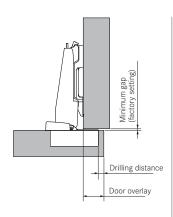


Height adjustment

## Minimum gap - cup distance

**The minimum gap** is the gap between the closed door and the front of the cabinet.

**The cup distance** is the distance between the edge of the door and the edge of the cup hole.



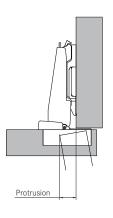
## Example:

For a door thickness of 26 mm and a cup distance of 6 mm the minimum gap is 0.7 mm.

	Cup	dista	ance				
	3	4	5	6			
16	0.5	0.5	0.5	0.5			
18	0.5	0.5	0.5	0.5			
19	0.5	0.5	0.5	0.5			
20	0.0	0.0	0.0	0.5			
22	0.5	0.5	0.5	0.5			
24	0.5	0.5	0.5	0.5			
26	0.5	0.5	0.5	0.7			
28	0.5	0.5	0.5	0.9			
30	0.5	0.5	1.1	1.1			
				Mi	nimu	m ga	р

## Door edge protrusion

The door edge protrusion is the amount by which the edge of the open door protrudes into the opening and varies depending on the type of hinge and method of fixing. It is stated on the respective catalogue page and refers to the stated mounting plate for the factory setting. It can be changed by changing the height of the mounting plate and operating the lateral adjustment.



## Door overlay

The door overlay is that part of the cabinet side wall or frame that is covered by the door.

## Example:

For a hinge with a cranking of 08, a mounting plate height of 0 and a cup distance of 5 mm, the door overlay is 10 mm.

Door overlay max

	3	4	5	6					
11				0					
10			0						
9		0		2					
8	0		2	3					
7		2	3	4					
6	2	3	4						
5	3	4							
4	4								
				М	ounti	ng pla	ate h	eight	(f)
				IVI	Juilli	ing hi	ate II	cigiil	(1)

Cup distance

## **Technical information**

for Nexis Impresso.

## Option for changing the door overlay by selecting different crankings

## by selecting a cranking

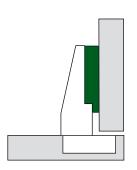
Full overlay (cranking 00)

## by using a different mounting plate height

# The cup protrusion (factory setting) plus cup distance determine the door overlay. You can find the dimensions in a table on the respective page of the catalogue. Reveal (c) Drilling distance

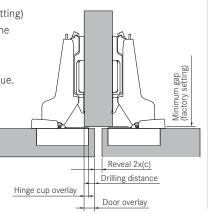
## Full overlay

Using a hinge with a cranking of 00 and mounting plate height 00.



## Half overlay (cranking 08)

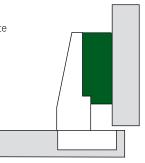
## The cup protrusion (factory setting) plus cup distance determine the door overlay. You can find the dimensions in a table on the respective page of the catalogue.



Door overlay

## Half overlay

Using a hinge with a cranking of 00 and mounting plate height 08.

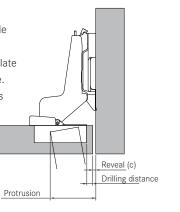


## Inset (cranking 15)

There is no door overlay.

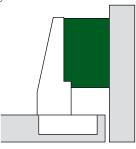
The gap (c) between the side of the cabinet and the door depends on the mounting plate height and the cup distance.

You can find the dimensions in a table on the respective page of the catalogue.



## Inset

Using a hinge with a cranking of 00 and mounting plate height 18.



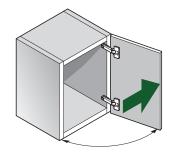
## **Test criteria**

for hinges.



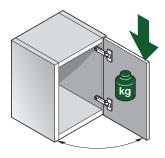
## Structural load test (resistance to excessive pulling)

The door is opened forcefully with a defined test force. (10 x 80 N)  $\,$ 



## Wear test / durability test

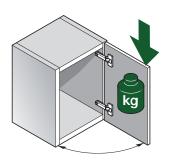
A defined additional load is imposed on the door which has to endure a certain number of opening and closing movements.  $(100,\!000 \text{ cycles with additional load } 2\times20\text{ N})$ 



max. opening angle minus  $5^{\circ}$ 

## Safety test

A defined large additional load is imposed on the door which has to endure a certain number of opening and closing movements. (300 N)



## Salt mist test and condensate test

In accordance with DIN 50021 SS and DIN 50017



Nexis

Nexis Click-on

Nexis Slide-on

snap On 3000

soft-close

Tipmat

×n|||

Special

Cabinet ccessorie

ssembly aids

Inde







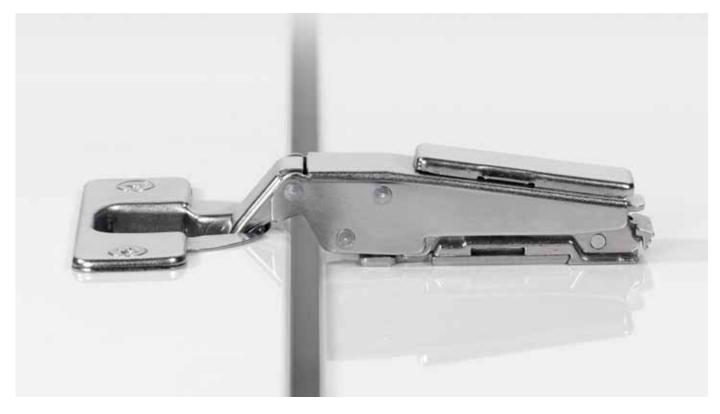
## **NEXIS** CLICK-ON

High quality quick-fit hinges.
The trick with the click allows doors to be hung quickly and, most importantly, without tools.





Quick-fit hinges for many different ways of hanging doors, fitted at the cabinet with Click-on technology.



## The tried-and-tested standard programme with the latest Click-on quick-fit technology.

The Nexis Click-on series covers many different situations when hanging doors for kitchen, bathroom and living room furniture. Reliable automatic hinges with opening angles from 95° to 170° for long-lasting everyday use.

The series includes numerous hinges for special applications such as negative angles.

They are fitted to the door using screws or dowels. Nexis Click-on hinges are mounted on Nexis Click-on mounting plates. A method that is user-friendly and reliable. Just push the hinge home with one finger until it engages on the mounting plate with an audible but quiet 'click'. By lifting the lever, the hinge can be detached again from the Click-on mounting plate.





## Click-on and ready.

- Fit the hinge to the door and then offer the door up to the Nexis Click-on mounting plate.
- Light pressure with a finger or thumb is enough to push the hinge home with a 'click', an audible sign of a reliable and firm connection.
- · Installation completely without tools.
- The hinge will provide a durable opening function without any slack whatsoever.
- The hinge is easy to reach, making light work of hanging or detaching the door.
- Some light pressure is enough to dismount the hinge again from the Nexis Click-on mounting plate.



Try for yourself how furniture doors move with the lightest of touches – with Soft-close, the unique hinge damping system. Nexis Click-on hinges can be fitted with Soft-close from the start or as an upgrade – the installation is quick and reliable, and needs no tools. This technology is fascinating and provides a new definition of what closing furniture doors means: the movement is gently cushioned and the furniture door closes itself softly and quietly.

moresso

Nexis Click-on

Nexis Slide-on

Snap On 3000

Soft-close

пртат

oxn

ngee

Jabinet

ssembly

Index

Product overview.

Opening angle	Drill hole	Short description	Full overlay	Half overlay	Inset	Page
100°	35 mm	Nexis Click-on 04 for standard doors  • Also suitable for soft-formed doors  • Best gap requirements for doors up to 24 mm  • Soft-close compatible				2.8
110°	35 mm	Nexis Click-on 22 for standard doors Cup depth 11 mm Also suitable for soft-formed doors Soft-close compatible				2.10
125°	35 mm	Nexis Click-on 29 for standard doors  • Very comfortable access to the unit • Soft-close compatible				2.12
170°	35 mm	Nexis Click-on 65 wide-angle hinge Also suitable for soft-formed doors Zero protrusion Soft-close compatible				2.14
95°	35 mm	Nexis Click-on 05 hinge for profiled doors  Designed for profiled doors or thicker doors Best gap requirements for doors up to 30 mm Soft-close compatible				2.16
95°	35 mm	Nexis Click-on 10 hinge for profiled doors For door thicknesses from 13 mm For profiled doors up to 23 mm door overlay				2.18
95°	40 mm	Nexis Click-on 25 hinge for profiled doors For thick doors up to 36 mm thickness Minimum gap requirements with thick doors Excellent load-bearing capacity - including with large doors				2.20
95°	35 mm	Nexis Click-on 05/20/6 +20° angle corner cabinet hinge • For angled corner cabinets and special applications • Best gap requirements for doors up to 30 mm • Soft-close compatible				2.22
95°	35 mm	Nexis Click-on 05/30/2 +30° angle corner cabinet hinge • For angled corner cabinets and special applications • Best gap requirements for doors up to 30 mm • Soft-close compatible				2.24
95°	35 mm	Nexis Click-on 05/30/16 +30° angle corner cabinet hinge • For angled corner cabinets and special applications • Best gap requirements for doors up to 30 mm • Soft-close compatible				2.26

Assembly	
Index	

Opening angle	Drill hole	Short description	Full overlay	Half overlay	Inset	Page
95°	35 mm	Nexis Click-on 05/45/3 +45° angle corner cabinet hinge • For angled corner cabinets and special applications • Best gap requirements for doors up to 30 mm • Soft-close compatible				2.28
95°	35 mm	Nexis Click-on 05/45/8 +45° angle corner cabinet hinge • For angled corner cabinets and special applications • Best gap requirements for doors up to 30 mm • Soft-close compatible				2.30
125°	35 mm	Nexis Click-on 29/-14 -14° angle corner cabinet hinge • For angled corner cabinets and special applications • Soft-close compatible				2.32
125°	35 mm	Nexis Click-on 29/-24 -24° angle corner cabinet hinge • For angled corner cabinets and special applications • Ideal for kitchen and bathroom applications				2.34
125°	35 mm	Nexis Click-on 29/-45 -45° angle corner cabinet hinge • For angled corner cabinets and special applications • Ideal for kitchen and bathroom applications				2.36
95°	35 mm	Nexis Click-on 05/90/4 blind corner hinge  Best gap requirements for doors up to 30 mm  Soft-close compatible For protruding posts				2.38
180°	35 mm	Nexis Click-on 80 single-joint hinge • With visible, nickel-plated finial • For door thicknesses 14 to 21 mm • With wide-angle opening				2.40
	35 mm	Nexis Click-on PCC Pie-cut corner hinge  • For connecting two corner cabinet doors  • For door thicknesses 14 to 22 mm				2.42
	35 mm	Nexis Click-on 00 folding door hinge For connecting two corner cabinet doors For door thicknesses up to 24 mm With full cup recess				2.44
95°	26 mm	Nexis Click-on 17 hinge with 26 mm cup  • Suitable for small doors and doors with narrow frames  • Soft-close compatible  • Best gap requirements for doors up to 19 mm				2.46

Product overview.

Opening angle	Drill hole	Short description	Full overlay	Half overlay	Inset	Page
95°		Nexis Click-on 17 AL aluminium frame hinge For aluminium frames up to 20 mm Hinge fits flush with the milled aluminium profile Soft-close compatible				2.48
95°		Nexis Click-on 17 Flexible aluminium frame hinge For aluminium frame profiles Does not require milling of the profile Eccentric cam fixing				2.50
95°	26 mm	Nexis Click-on 17 GL glass door hinge • 26 mm cup • For glass thicknesses 4 to 6 mm • Ideal for display cabinets				2.54
128°		Nexis Click-on 07 Mirro mirror and glass door hinge  Hinge is glued to the door with adhesive Soft-close compatible Large opening angle				2.56
128°		Nexis Click-on 07/-15 Mirro -15 ° mirror and glass door hinge • Hinge is glued to the door with adhesive • Soft-close compatible • Large opening angle				2.60
		Nexis Click-on mounting plates				2.62 - 2.71
=[	1	Accessories  Hinge arm cover caps  Cover cap for hinge cup  Opening angle reduction clip				2.72 - 2.73
		Technical information				2.74 - 2.77

Chapter 5

1	Tipmatic opening system for Nexis Click-on hinges	Chapter 6
	illuxo hinge-light system for Nexis Click-on hinges	Chapter 7
		2.7

Soft-close damping system for Nexis Click-on hinges

100° hinge for standard doors.



- Opening angle 100°
- Optimum gap requirements for doors up to 24 mm thick
- · Soft-close compatible
- With low cup depth (11 mm) also suitable for soft-formed doors
- · Self-closing
- 3-dimensional adjustment with suitable mounting plate









for screw fixing

with pre-mounted Euro screws

## Full overlay

## **Cranking -02 / 00**





Cup hinge: steel, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	Item No.	Item No.
48/9 <b>K -02</b>	146.304.55.9815		
48/9 <b>K 00</b>	146.304.55.0015	<b>◆</b> 146.304.77.0015	146.304.56.0015
	PU 250 pieces	PU 250 pieces	PU 250 pieces

## Cover caps for cranking

## -02 and 00

Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.21.0215

514.000.22.9762

PU 1000 pieces

## Half overlay

## Cranking 08





Cup hinge: steel, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	Item No.	Item No.
48/9	146.304.55.0815	◆ 146.304.77.0815	146.304.56.0815
	PU 250 pieces	PU 250 pieces	PU 250 pieces

## Inset

## Cranking 15





Cup hinge: steel, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	Item No.	Item No.
48/9	146.304.55.1515	◆ 146.304.77.1515	146.304.56.1515
42/11	138.304.73.1515		138.304.74.1515
	PU 250 pieces	PU 250 pieces	PU 250 pieces

## Cover caps for cranking 08 and 15

## \* \*\*

Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.22.0015 514.000.22.9762 PU 1000 pieces

\* \*\* on request with individual company logo

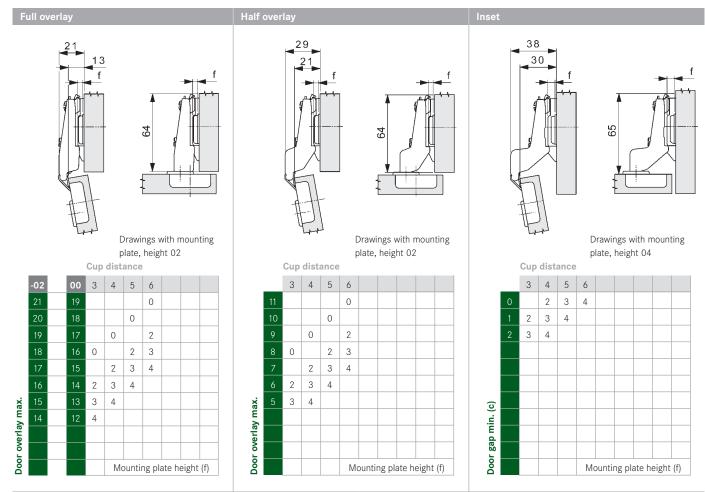
\* \*\* on request with Grass imprint

\* on request with Grass embossed

## on request (minimum quantity required)

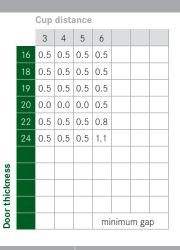
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Tipmatic Click-on	Page 6.8	Click-on mounting plates	Page 2.62 - 2.71	Technical Information	Page 2.74 - 2.77





## Table of Minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.



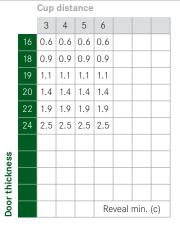
## Reveal table

## Note

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of reveal with factory setting.

We recommend a trial fitting.

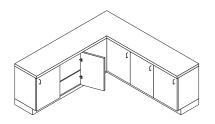


Drilling patterns for screw-fixing version	Drilling patterns for press-fitting version	Cup dimensions	
35*0.1	35+0.1 35+0.1 48	37 8 8	
	$x = \emptyset$ 8 mm for dowels $x = \emptyset$ 5 mm for Euro screws	All dimensions in millimetres.	

## 110° hinge for standard doors.



- Opening angle 110°
- · Soft-close compatible
- · With shallow cup depth (11 mm) also suitable for soft-formed doors
- Self-closing
- 3-dimensional adjustment with suitable mounting plate







for screw-fixing

Full overlay Cranking 00





Cup hinge: steel, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	Item No.
48/9	146.322.53.0015	146.322.54.0015
42/11	138.322.73.0015	138.322.74.0015
	PU 250 pieces	PU 250 pieces

## Cover caps for cranking 00



Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.21.0215 514.000.22.9762

PU 1000 pieces

## Half overlay Cranking 08





Cup hinge: steel, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	Item No.
48/9	146.322.53.0815	146.322.54.0815
42/11	138.322.73.0815	138.322.74.0815
	PU 250 pieces	PU 250 pieces



Steel, nickel-plated, without imprint, Soft-close compatible

514.300.22.0015 514.000.22.9762 Black plastic, without imprint, Soft-close compatible PU 1000 pieces

- on request with individual company logo
- on request with Grass imprint

on request with Grass embossed

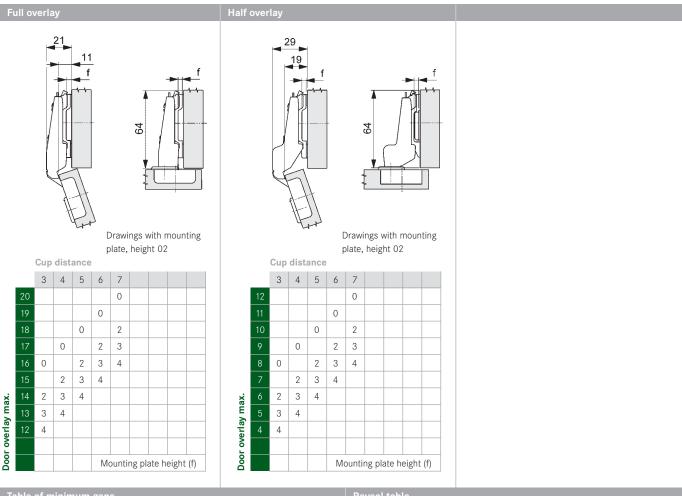
## Opening angle reduction clip for 85°



Opening angle reduction to  $85^{\circ}$ Prevents doors from colliding with fronts or walls in corner installations. Black plastic

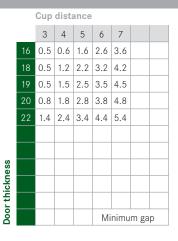
641.000.10.0062 PU 1000 pieces

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## Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

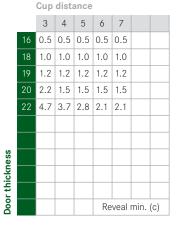


## Reveal dimensions were determined

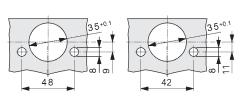
with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of reveal with factory setting.

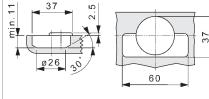
We recommend a trial fitting.







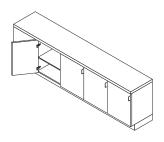




## 125° hinge for standard doors.



- Opening angle 125°
- Soft-close compatible
- Up to 19 mm door thickness
- Self-closing
- 3-dimensional adjustment with suitable mounting plate







for screw-fixing

## Full overlay

## Cranking 00





Cup hinge: steel, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	Item No.
48/9	146.329.55.0015	146.329.56.0015
42/11	138.329.73.0015	138.329.74.0015
	PU 250 pieces	PU 250 pieces

## Cover caps for cranking 00



Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.21.0215 514.000.22.9762

PU 1000 pieces

## Half overlay

## Cranking 08





Cup hinge: steel, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	Item No.
48/9	146.329.55.0815	146.329.56.0815
42/11	138.329.73.0815	138.329.74.0815
	PU 250 pieces	PU 250 pieces

## Cover caps for cranking 08



Steel, nickel-plated, without imprint, Soft-close compatible

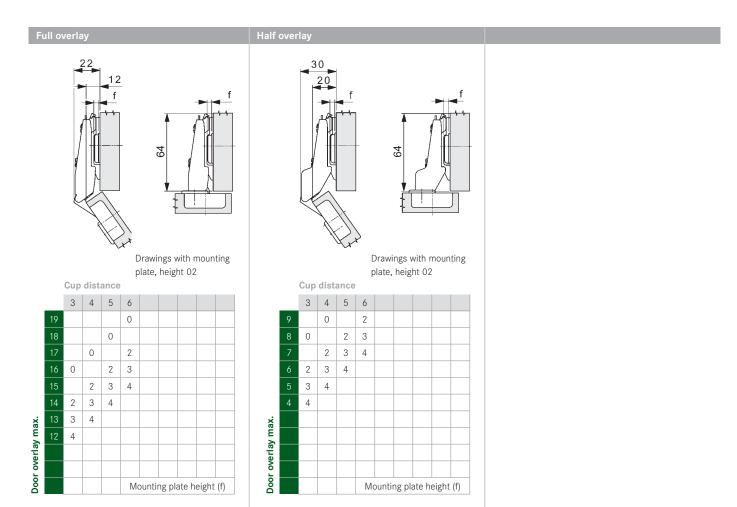
Black plastic, without imprint, Soft-close compatible 514.000 PU 100

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

514.300.22.0015 514.000.22.9762 PU 1000 pieces

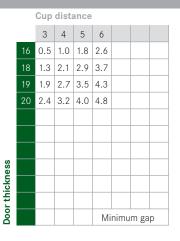
Soft-close Click-on	Page 5.8	illuxo Click-on	Page 7.6	Assembly aids	Chapter 10
Tipmatic Click-on	Page 6.8	Click-on mounting plates	Page 2.62 - 2.71	Technical Information	Page 2.74 - 2.77

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## Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

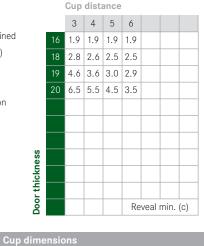


## Reveal table

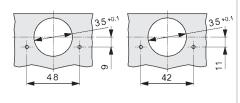
## Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

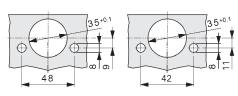
Hinge dimensions and calculation of reveal with factory setting.

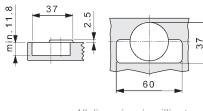
We recommend a trial fitting.



Drilling	pattern	s for pr	ress-fitting	version







170° wide-angle hinge.



- Opening angle 170°
- Soft-close compatible
- Up to 26 mm door thickness
- With shallow cup depth (11 mm) also suitable for soft-formed doors
- $\bullet$  Zero protrusion when door opened 90  $^\circ$
- Finger protection
- · Self-closing
- 3-dimensional adjustment with suitable mounting plate







for screw-fixing

## Full overlay

## Cranking 00





Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	Item No.
48/9	146.765.53.0015	146.765.54.0015
42/11	138.765.73.0015	138.765.74.0015
	PU 50 pieces	PU 50 pieces

## Half overlay

Cranking 08





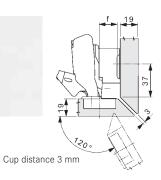
Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	Item No.
48/9	146.765.53.0815	146.765.54.0815
42/11	138.765.73.0815	138.765.74.0815
	PU 50 pieces	PU 50 pieces

## Opening angle reduction clip for 120°





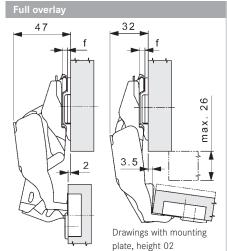


Item No. 641.000.09.9862

PU 250 pieces

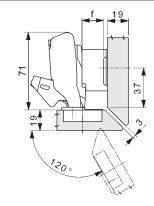
Soft-close Click-on 170	Page 5.10			Assembly aids	Chapter 10
Tipmatic Click-on 170	Page 6.10	Click-on mounting plates	Page 2.62 - 2.71	Technical Information	Page 2.74 - 2.77

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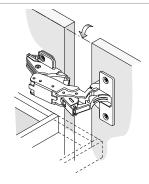


# 55 40

Drawings with mounting plate, height 02



With a cup distance of 3 mm and an 18 mm high mounting plate you achieve an inset application.



Zero protrusion for application with inset drawers. With 00 cranking and 00 mounting plate height the door is flush with the cabinet at  $90^{\circ}$ .

Cup distance

## Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

	Cup distance						
	3	4	5	6	8	10	
16	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	
				Mi	nimu	m ga	р

## Reveal table

## Note

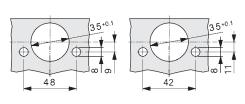
Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of reveal with factory setting.

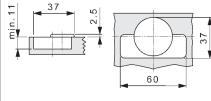
We recommend a trial fitting.

		3	4	5	6	7	8	
	16	0.0	0.0	0.0	0.0	0.0	0.0	
	18	0.0	0.0	0.0	0.0	0.0	0.0	
	19	0.0	0.0	0.0	0.0	0.0	0.0	
	20	0.0	0.0	0.0	0.0	0.0	0.0	
	22	0.0	0.0	0.0	0.0	0.0	0.0	
	23	0.0	0.0	0.0	0.0	0.0	0.0	
	24	0.0	0.0	0.0	0.5	1.8	2.0	
200	25	6.5	6.5	6.0	5.5	4.8	6.5	
2	26	10.5	9.5	8.5	7.5	6.5	5.5	
SOUL CHICKINGS								
3					Re	veal	min.	(c)

## Drilling patterns for press-fitting version

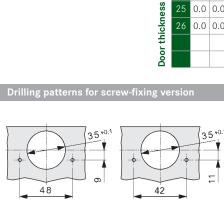






All dimensions in millimetres.

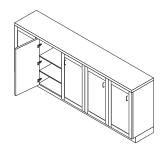
2.15



95° profiled door hinge for doors up to 30 mm thick.



- Opening angle 95°
- Minimum gap requirements for thick doors
- · Soft-close compatible
- Up to 30 mm door thickness
- Self-closing
- 3-dimensional adjustment with suitable mounting plate







for screw-fixing

Full overlay

## Cranking 00





Cup hinge: steel, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	Item No.
48/9	146.305.53.0015	146.305.54.0015
42/11	138.305.73.0015	138.305.74.0015
	PU 250 pieces	PU 250 pieces

## Cover caps for cranking 00



Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

Item No. 514.300.21.0215

514.000.22.9762

PU 1000 pieces

## Half overlay

## Cranking 08





Cup hinge: steel, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	Item No.
48/9	146.305.53.0815	146.305.54.0815
42/11	138.305.73.0815	138.305.74.0815
	PU 250 pieces	PU 250 pieces

## Inset

## Cranking 15





Cup hinge: steel, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	Item No.
48/9	146.305.53.1515	146.305.54.1515
42/11	138.305.73.1515	138.305.74.1515
	PU 250 pieces	PU 250 pieces

## Cover caps for cranking 08 and 15



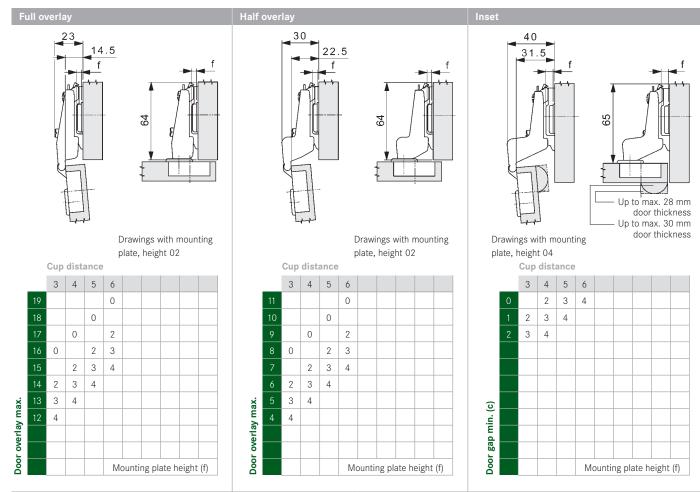
Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.22.0015 514.000.22.9762 PU 1000 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

Soft-close Click-on	Page 5.8	illuxo Click-on	Page 7.6	Assembly aids	Chapter 10
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## Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

	Cup	dist	ance				
	3	4	5	6			
16	0.5	0.5	0.5	0.5			
18	0.5	0.5	0.5	0.5			
19	0.5	0.5	0.5	0.5			
20	0.0	0.0	0.0	0.5			
22	0.5	0.5	0.5	0.5			
24	0.5	0.5	0.5	0.5			
26	0.5	0.5	0.5	0.7			
28	0.5	0.5	0.5	0.9			
30	0.5	0.5	1.1	1.1			
				Mi	nimu	m ga	р

## Reveal table

## Note

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of reveal with factory setting.

We recommend a trial fitting.

	3	4	5	6			
16	0.1	0.1	0.1	0.1			
18	0.2	0.2	0.2	0.2			
19	0.3	0.3	0.3	0.3			
20	0.4	0.4	0.4	0.4			
22	0.7	0.7	0.7	0.7			
24	1.0	1.0	1.0	1.0			
26	1.4	1.4	1.4	1.4			
28	1.9	1.9	1.9	1.9			
30	3.8	2.9	2.6	2.5			
				Re	veal	min.	(c)
	18 19 20 22 24 26 28	16 0.1 18 0.2 19 0.3 20 0.4 22 0.7 24 1.0 26 1.4 28 1.9	16 0.1 0.1 18 0.2 0.2 19 0.3 0.3 20 0.4 0.4 22 0.7 0.7 24 1.0 1.0 26 1.4 1.4 28 1.9 1.9	16 0.1 0.1 0.1 18 0.2 0.2 0.2 19 0.3 0.3 0.3 20 0.4 0.4 0.4 22 0.7 0.7 0.7 24 1.0 1.0 1.0 26 1.4 1.4 1.4 28 1.9 1.9 1.9	16 0.1 0.1 0.1 0.1 18 0.2 0.2 0.2 0.2 19 0.3 0.3 0.3 0.3 20 0.4 0.4 0.4 0.4 22 0.7 0.7 0.7 0.7 24 1.0 1.0 1.0 1.0 26 1.4 1.4 1.4 1.4 28 1.9 1.9 1.9 1.9 30 3.8 2.9 2.6 2.5	16 0.1 0.1 0.1 0.1 18 0.2 0.2 0.2 0.2 19 0.3 0.3 0.3 0.3 20 0.4 0.4 0.4 0.4 22 0.7 0.7 0.7 0.7 24 1.0 1.0 1.0 1.0 26 1.4 1.4 1.4 1.4 28 1.9 1.9 1.9 1.9 30 3.8 2.9 2.6 2.5	16 0.1 0.1 0.1 0.1 18 0.2 0.2 0.2 0.2 19 0.3 0.3 0.3 0.3 20 0.4 0.4 0.4 0.4 22 0.7 0.7 0.7 0.7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0

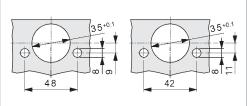
Cup distance

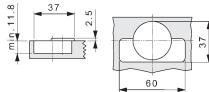
35 +0.1
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Drilling patterns for screw-fixing version

Door thickness







**Cup dimensions** 

 $95^{\circ}$  profiled door hinge for doors from 13 mm thick.



- Opening angle 95°
- Minimum gap requirements for thick doors
- Extremely shallow cup depth (10.5 mm) for doors from 13 mm thick
- Perfect for profiled doors with overlay up to 23 mm
- · Self-closing
- 3-dimensional adjustment with suitable mounting plate





## Full overlay Cranking 00





Hinge cup: Zamak, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	
48/9	146.610.53.0015	
	PU 250 pieces	

## Cover caps for cranking 00



Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.21.0215 514.000.22.9762

PU 1000 pieces

## Half overlay



Cranking 08



Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	
48/9	146.710.53.0815	
	PU 250 pieces	

## Cover cans for cranking 08



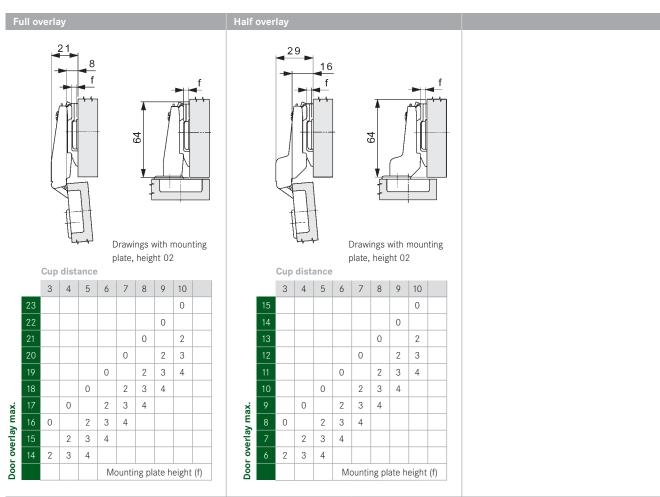
Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.22.0015 514.000.22.9762 PU 1000 pieces

- $^{\star}$   $~^{\star\star}$  on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

Soft-close Pin	Page 5.16	Click-on mounting plates	Page 2.62 - 2.71	Assembly aids	Chapter 10
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## Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

Cup distance										
	3	4	5	6	7	8	10			
14	0.0	0.0	0.0	0.0	0.0	0.0	1.0			
16	0.0	0.0	0.0	0.0	0.0	0.0	1.2			
18	0.0	0.0	0.0	0.0	0.0	0.0	1.3			
19	0.0	0.0	0.0	0.0	0.0	0.0	1.4			
20	0.0	0.0	0.0	0.0	0.0	0.0	1.5			
22	0.0	0.0	0.0	0.0	0.0	0.0	1.7			
24	0.0	0.0	0.0	0.0	0.0	0.0	1.9			
				Minimum gap						

## Reveal table

## Note

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of reveal with factory setting.

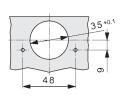
We recommend a trial fitting.

		3	4	5	6	8	10		
	14	0.5	0.5	0.5	0.5	0.5	0.5		
	16	0.9	0.9	0.9	0.9	0.9	0.9		
	18	1.4	1.4	1.4	1.4	1.4	1.4		
	19	1.7	1.7	1.7	1.7	1.7	1.7		
	20	2.2	2.2	2.2	2.2	2.0	2.0		
	22	3.5	3.3	3.2	3.1	2.8	2.6		
	24	5.0	4.6	4.3	4.1	3.8	3.5		
200									
2									
Soor fillickiness									
3					Reveal min. (c)				

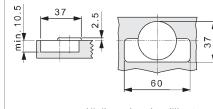
Cup distance

## Drilling pattern for screw-fixingversion

Door thickness



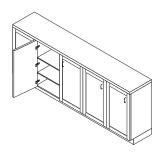
## Cup dimensions



95° profiled door hinge with 40 mm cup.



- Opening angle 95°
- Minimum gap requirements for thick doors
- Ø 40 mm hinge cup
- For profiled and framed doors up to 36 mm thick
- Special spring mechanism ensures excellent closing force - including with large doors
- · Self-closing
- 3-dimensional adjustment with suitable mounting plate





## Full overlay Cranking 00





Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	
48/9	146.425.53.0015	
	PU 125 pieces	

## Cover caps for cranking 00



Steel, nickel-plated, without imprint Black plastic, without imprint

514.300.21.0215 514.000.22.9762 PU 1000 pieces

## Half overlay

## Cranking 08





Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	
48/9	146.425.53.0815	
	PU 125 pieces	

## Inset

## Cranking 15





Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.
48/9	146.425.53.1515
	PU 125



Steel, nickel-plated, without imprint

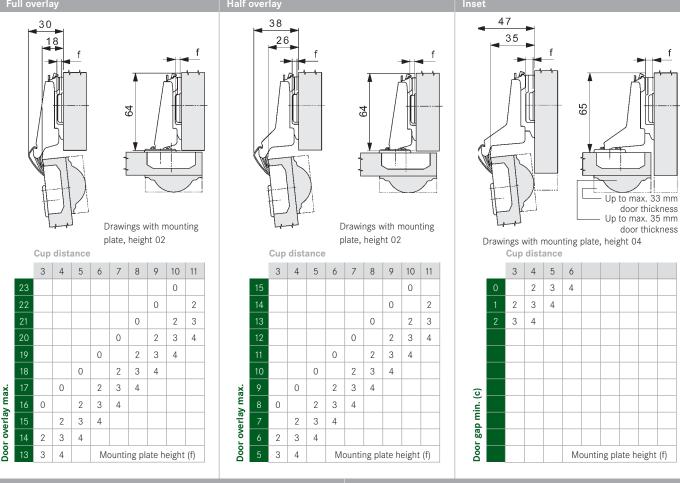
Black plastic, without imprint

514.000.22.9762 PU 1000 pieces

514.300.22.0015

- on request with individual company logo
- on request with Grass imprint
- on request with Grass embossed

Soft-close Pin	Page 5.16	Click-on mounting plates	Page 2.62	Assembly aids	Chapter 10
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## Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

Cup distance									
	3	4	5	6	8	10			
20	0.0	0.0	0.0	0.0	0.0	0.0			
22	0.0	0.0	0.0	0.0	0.0	0.0			
24	0.0	0.0	0.0	0.0	0.0	0.0			
26	0.0	0.0	0.0	0.0	0.0	0.0			
28	0.0	0.0	0.0	0.0	0.0	0.0			
30	0.0	0.0	0.0	0.0	0.0	0.0			
32	0.0	0.0	0.0	0.0	0.0	0.0			
34	0.0	0.0	0.0	0.0	0.0	0.0			
36	0.0	0.0	0.0	0.0	0.0	0.0			
				Minimum gap					

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of reveal with factory setting.

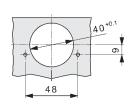
We recommend a trial fitting.

		3	4	5	6	8	10	
	20	0.1	0.1	0.1	0.1	0.1	0.1	
	22	0.2	0.2	0.2	0.2	0.2	0.2	
	24	0.3	0.3	0.3	0.3	0.3	0.3	
	26	0.4	0.4	0.4	0.4	0.4	0.4	
	28	0.6	0.6	0.6	0.6	0.6	0.6	
	30	0.8	0.8	0.8	0.8	0.8	0.8	
	32	2.1	1.1	1.1	1.1	1.1	1.1	
ess	34	4.2	3.1	2.3	1.6	1.4	1.4	
ickn	36	6.5	5.2	4.2	3.5	2.2	1.7	
Door thickness								
Doo	Reveal min.						(c)	

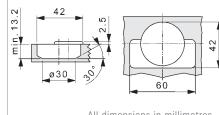
Cup distance

## Drilling pattern for screw-fixingversion

Door thickness





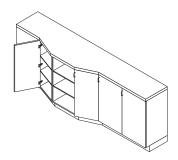


## Nexis Click-on 05/20/6

+20° angle corner cabinet hinge, half overlay.



- For 20° angle corner cabinets
- Opening angle 95°
- Optimum gap requirements up to door thickness of 30 mm
- · Soft-close compatible
- Self-closing
- 3-dimensional adjustment with suitable mounting plate







for screw-fixinging

## Half overlay





Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	Item No.
48/9	146.405.53.0615	146.405.54.0615
42/11	138.405.73.0615	◆ 138.405.74.0615
	PU 125 pieces	PU 125 pieces

Cover caps

\*

\*\*

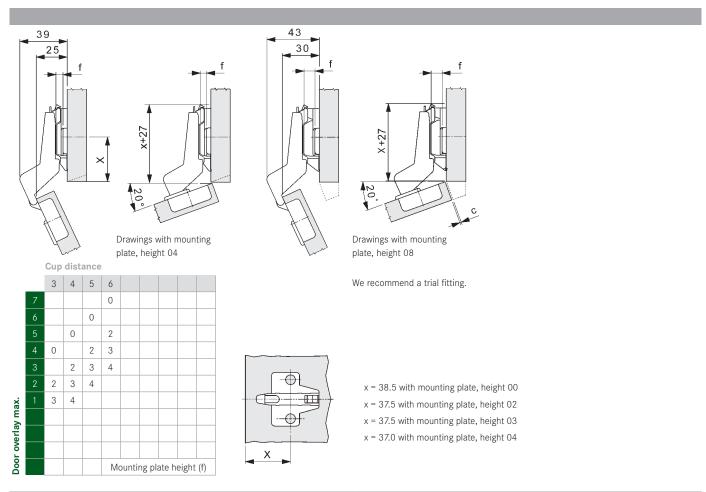
Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.21.0215 514.000.22.9762 PU 1000 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

on request (minimum quantity required)

Soft-close Click-on	Page 5.8	Click-on mounting plates	Page 2.62 - 2.71	Assembly aids	Chapter 10
				Technical Information	Page 2.74 - 2.77



## Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

	Cup distance									
	3	4	5	6						
16	0.5	0.5	0.5	0.5						
18	0.5	0.5	0.5	0.5						
19	0.5	0.5	0.5	0.5						
20	0.0	0.0	0.0	0.5						
22	0.5	0.5	0.5	0.5						
24	0.5	0.5	0.5	0.5						
26	0.5	0.5	0.5	0.7						
28	0.5	0.5	0.5	0.9						
30	0.5	0.5	1.1	1.1						
				Mi	nimu	m ga	р			
				Mi	nimu	m ga	р			

Door thickness

## Reveal table

## Reveal dimensions were determined

with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of reveal with factory setting.

We recommend a trial fitting.

	Cup	dista	ance				
	3	4	5	6			
16	0.1	0.1	0.1	0.1			
18	0.2	0.2	0.2	0.2			
19	0.3	0.3	0.3	0.3			
20	0.4	0.4	0.4	0.4			
22	0.7	0.7	0.7	0.7			
24	1.0	1.0	1.0	1.0			
26	1.4	1.4	1.4	1.4			
28	1.9	1.9	1.9	1.9			
30	3.8	2.9	2.6	2.5			
				Re	veal	min.	(c)

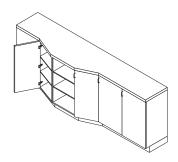
Drilling pattern for screw-fixingversion	Drilling pattern for press-fitting version	Cup dimensions
35+0.1	35+0.1	All dimensions in millimetres.

## Nexis Click-on 05/30/2

+30° angle corner cabinet hinge, half overlay.



- For 30° angle corner cabinets
- Opening angle 95°
- Optimum gap requirements up to door thickness of 30 mm
- · Soft-close compatible
- Self-closing
- 3-dimensional adjustment with suitable mounting plate







## for screw-fixinging

## Half overlay





Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	Item No.
48/9	146.405.53.0215	146.405.54.0215
42/11	138.405.73.0215	138.405.74.0215
	PU 125 pieces	PU 125 pieces

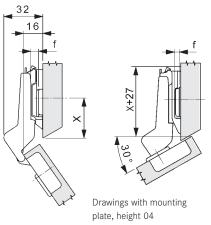
Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.21.0215 514.000.22.9762 PU 1000 pieces

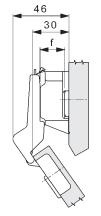
- on request with individual company logo
- on request with Grass imprint
- on request with Grass embossed

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Drawings with mounting plate, height 08

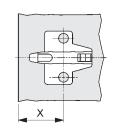


Drawings with mounting plate, height 18

We recommend a trial fitting.

Cup distance

		3	4	5	6	
	16				0	
	15			0		
	14		0		2	
	13	0		2	3	
	12		2	3	4	
	11	2	3	4		
ax.	10	3	4			
Ë	9	4				
erla						
Door overlay max.						
Doo					М	ounting plate height (f)



- x = 35.0 with mounting plate, height 00
- x = 34.0 with mounting plate, height 02
- x = 33.5 with mounting plate, height 03
- x = 33.0 with mounting plate, height 04
- x = 31.0 with mounting plate, height 08

## Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

	Cup	dista	ance					
	3	4	5	6				
16	0.5	0.5	0.5	0.5				
18	0.5	0.5	0.5	0.5				
19	0.5	0.5	0.5	0.5				
20	0.0	0.0	0.0	0.5				
22	0.5	0.5	0.5	0.5				
24	0.5	0.5	0.5	0.5				
26	0.5	0.5	0.5	0.7				
28	0.5	0.5	0.5	0.9				
30	0.5	0.5	1.1	1.1				
				Mi	Minimum gap			

## Reveal table

## Note

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of reveal with factory setting.

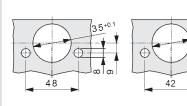
We recommend a trial fitting.

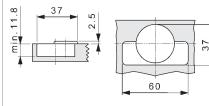
Cup distance										
	3	4	5	6						
16	0.1	0.1	0.1	0.1						
18	0.2	0.2	0.2	0.2						
19	0.3	0.3	0.3	0.3						
20	0.4	0.4	0.4	0.4						
22	0.7	0.7	0.7	0.7						
24	1.0	1.0	1.0	1.0						
26	1.4	1.4	1.4	1.4						
28	1.9	1.9	1.9	1.9						
30	3.8	2.9	2.6	2.5						
				Reveal min. (c)						

## Drilling patterns for screw-fixing version

Door thickness

## Drilling patterns for press-fitting version





**Cup dimensions** 

All dimensions in millimetres.

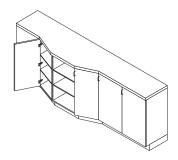


## Nexis Click-on 05/30/16

+30° angle corner cabinet hinge, inset.



- For 30° angle corner cabinets
- Opening angle 95°
- Optimum gap requirements up to door thickness of 30 mm
- · Soft-close compatible
- Self-closing
- 3-dimensional adjustment with suitable mounting plate





## Inset





Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	
48/9	146.405.53.1615	
	PU 125 pieces	

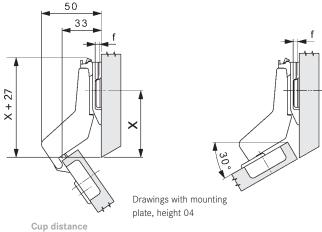
## Cover caps for cranking -02 and \* Steel,

Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

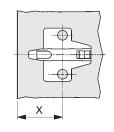
514.300.21.0215 514.000.22.9762 PU 1000 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

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		3	4	5	6					
	0		2	3	4					
	1	2	3	4						
	2	3	4							
<u> </u>										
Ë.										
E										
erla										
Door overlay min. (c)										
Doo					М	ountii	ng pla	ate h	eight	(f)



- x = 53.0 with door thickness 16 mm
- x = 54.0 with door thickness 17 mm
- x = 55.0 with door thickness 18 mm
- x = 56.0 with door thickness 19 mm

## Reveal table

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

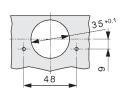
Hinge dimensions and calculation of reveal with factory setting.

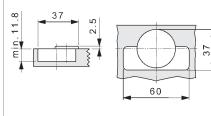
We recommend a trial fitting.

		3	4	5	6			
	16	0.1	0.1	0.1	0.1			
	18	0.2	0.2	0.2	0.2			
	19	0.3	0.3	0.3	0.3			
	20	0.4	0.4	0.4	0.4			
	22	0.7	0.7	0.7	0.7			
	24	1.0	1.0	1.0	1.0			
	26	1.4	1.4	1.4	1.4			
200	28	1.9	1.9	1.9	1.9			
2	30	3.8	2.9	2.6	2.5			
Door thickness								
8					Re	veal	min.	(c)

Cup distance

Drilling	nottorn	a far aar	ew-fixing	Marajan
	Dattern	S 101 SCIE	SW-IIXIIIS	version



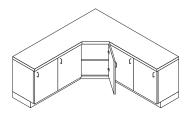


## Nexis Click-on 05/45/3

+45° angle corner cabinet hinge, inset.



- For 45° angle corner cabinets
- Opening angle 95°
- Optimum gap requirements up to door thickness of 30 mm
- · Soft-close compatible
- Self-closing
- 3-dimensional adjustment with suitable mounting plate



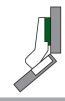




for screw-fixing

for press-fitting

## Inset





Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	Item No.
48/9	146.405.53.0315	146.405.54.0315
42/11	138.405.73.0315	138.405.74.0315
	PU 125 pieces	PU 125 pieces

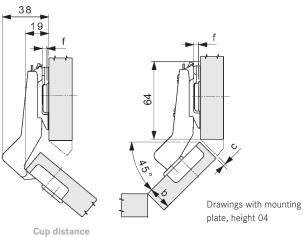
Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

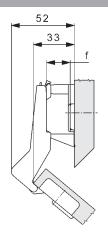
514.300.21.0215 514.000.22.9762 PU 1000 pieces

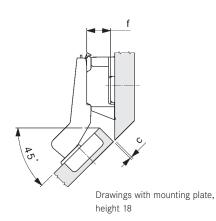
- on request with individual company logo
- on request with Grass imprint
- on request with Grass embossed

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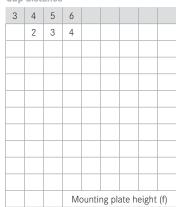
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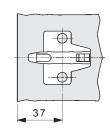






We recommend a trial fitting.





# Reveal table

#### Note

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

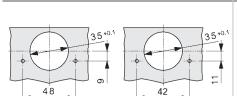
Hinge dimensions and calculation of reveal with factory setting.

We recommend a trial fitting.

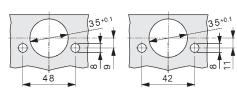
		-						
		3	4	5	6			
	16	0.1	0.1	0.1	0.1			
	18	0.2	0.2	0.2	0.2			
	19	0.3	0.3	0.3	0.3			
	20	0.4	0.4	0.4	0.4			
	22	0.7	0.7	0.7	0.7			
	24	1.0	1.0	1.0	1.0			
	26	1.4	1.4	1.4	1.4			
ess	28	1.9	1.9	1.9	1.9			
Door thickness	30	3.8	2.9	2.6	2.5			
ţ								
8					Re	veal	min.	(c)

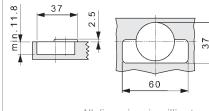
Cup distance

oo Do
Cup dimensions



Drilling patterns for screw-fixing version





# Nexis Click-on 05/45/8

+45° angle corner cabinet hinge, half overlay.



- For 45° angle corner cabinets
- Opening angle 95°
- Optimum gap requirements up to door thickness of 30 mm
- · Soft-close compatible
- Self-closing
- 3-dimensional adjustment with suitable mounting plate

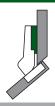








# Half overlay





Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	Item No.
48/9	146.405.53.0815	146.405.54.0815
42/11	138.405.73.0815	138.405.74.0815
	PU 125 pieces	PU 125 pieces

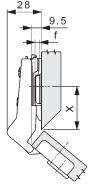
Cover caps \*

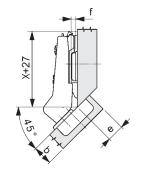
Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.21.0215 514.000.22.9762 PU 1000 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

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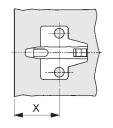




Drawings with mounting plate, height 04

#### Cup distance

	3	4	5	6					
19.5				0					
18.5			0						
18.0		0		2					
17.3	0		2	3					
16.5		2	3	4					
15.8	2	3	4						
15.0	3	4							
14.5	4								
				Мо	untin	g pla	te he	ight	(f)



x = 35.0 with mounting plate, height 00

x = 33.0 with mounting plate, height 02

x = 32.0 with mounting plate, height 03

x = 31.0 with mounting plate, height 04

# Table of minimum gaps

Door overlay max.

The minimum gap is the gap between the closed door and the front of the cabinet.

	Cup	dista	ance				
	3	4	5	6			
16	0.5	0.5	0.5	0.5			
18	0.5	0.5	0.5	0.5			
19	0.5	0.5	0.5	0.5			
20	0.0	0.0	0.0	0.5			
22	0.5	0.5	0.5	0.5			
24	0.5	0.5	0.5	0.5			
26	0.5	0.5	0.5	0.7			
28	0.5	0.5	0.5	0.9			
30	0.5	0.5	1.1	1.1			
				Mi	nimu	m ga	р

# Reveal table

#### l**ote** eveal dimensions we

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of reveal with factory setting.

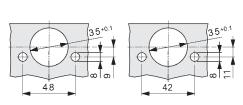
We recommend a trial fitting.

Cup distance								
	3	4	5	6				
16	0.1	0.1	0.1	0.1				
18	0.2	0.2	0.2	0.2				
19	0.3	0.3	0.3	0.3				
20	0.4	0.4	0.4	0.4				
22	0.7	0.7	0.7	0.7				
24	1.0	1.0	1.0	1.0				
26	1.4	1.4	1.4	1.4				
28	1.9	1.9	1.9	1.9				
30	3.8	2.9	2.6	2.5				
				Reveal min. (c)				

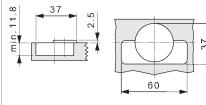
# Drilling patterns for screw-fixing version

Door thickness

#### Drilling patterns for press-fitting version



# Cup dimensions



# Nexis Click-on 29/-14

-14° angle corner cabinet hinge, half overlay.



- ${}^{\bullet}$  For 14  ${}^{\circ}$  negative angle corner cabinets
- Opening angle 125°
- · Soft-close compatible
- Self-closing
- 3-dimensional adjustment with suitable mounting plate





# Half overlay





Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

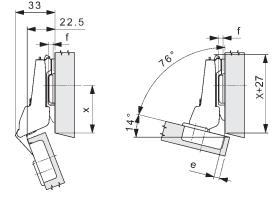
Drilling pattern	Item No.	
48/9	146.429.14.1015	
42/11	138.429.73.1015	
	PU 125 pieces	

Cover cap			Item No.
	**	Black plastic, without imprint, Soft-close compatible	514.000.22.9762
			PU 1000 pieces

- \*\* on request with individual company logo
- \*\* on request with Grass imprint

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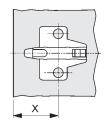
Inde



Drawings with mounting plate, height 02 We recommend a trial fitting.

#### Cup distance

		3	4	5	6					
	10				0					
				0						
	8		0		2					
	7	0		2	3					
	6		2	3	4					
	5	2	3	4						
ax.	4	3	4							
Ñ	3	4								
erla										
Door overlay max.										
Doo					М	ountii	ng pla	ate h	eight	(f)



x = 38.5 with mounting plate, height 00

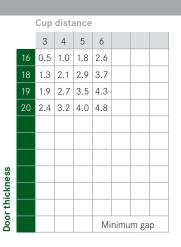
x = 39.0 with mounting plate, height 02

x = 39.0 with mounting plate, height 03

x = 39.5 with mounting plate, height 04

# Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.



Hinge dimensions with factory setting.

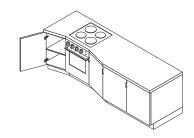
# Drilling patterns for screw-fixing version Cup dimensions All dimensions in millimetres.

# Nexis Click-on 29/-24

-24° angle corner cabinet hinge, half overlay.



- $\bullet$  For 24  $^\circ$  negative angle corner cabinets
- Opening angle 125°
- Self-closing
- 3-dimensional adjustment with suitable mounting plate







for screw-fixing

Half overlay





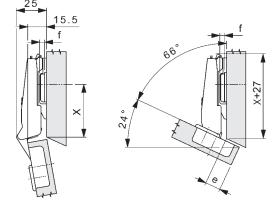
Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	Item No.
48/9	146.429.24.0115	146.429.22.0115
42/11	138.429.73.0115	
	PU 125 pieces	PU 125 pieces

# Cover caps \* Steel, nickel-plated, without imprint \*\* Black plastic, without imprint \*\* Black plastic, without imprint \*\* PU 1000 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

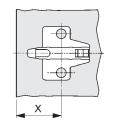
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Drawings with mounting plate, height 02 We recommend a trial fitting.

Cup distance

	3	4	5	6					
18				0					
17			0						
16		0		2					
15	0		2	3					
14		2	3	4					
13	2	3	4						
12	3	4							
11	4								
				М	ountii	ng pla	ate h	eight	(f)
	17 16 15 14 13 12	18	18	18     0       17     0       16     0       15     0       2     2       14     2       3     3       4     4	18     0       17     0       16     0     2       15     0     2     3       14     2     3     4       13     2     3     4       12     3     4     1       11     4     1     1	18 0 0 17 0 16 0 2 15 0 2 3 4 13 2 3 4 11 4 0 1 11 4 0 1 1 1 1 4 1 1 1 1 1 1	18     0       17     0       16     0       15     0       2     3       14     2       3     4       12     3       4     4	18	18     0       17     0       16     0       2     0       15     0       2     3       14     2       3     4       12     3       4     4



x = 42.5 with mounting plate, height 00

x = 43.5 with mounting plate, height 02

x = 44.0 with mounting plate, height 03

x = 44.5 with mounting plate, height 04

# Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

	Cup distance						
	3	4	5	6			
16	0.5	1.0	1.8	2.6			
18	1.3	2.1	2.9	3.7			
19	1.9	2.7	3.5	4.3			
20	2.4	3.2	4.0	4.8			
				Mi	nimu	m ga	р

Hinge dimensions with factory setting.

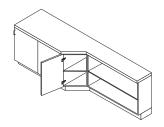
# Drilling patterns for screw-fixing version Drilling patterns for press-fitting version Cup dimensions All dimensions in millimetres.

# Nexis Click-on 29/-45

-45° angle corner cabinet hinge, half overlay.



- $\bullet$  For 45° negative angle corner cabinets
- Opening angle 125°
- Self-closing
- 3-dimensional adjustment with suitable mounting plate





# Half overlay





Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

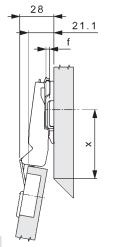
Drilling pattern	Item No.	
48/9	146.429.53.4515	
42/11	138.429.73.4515	
	PU 125 pieces	

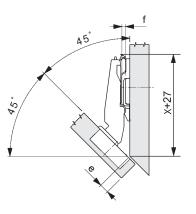
# Cover caps \* Steel, nickel-plated, without imprint \* Black plastic, without imprint \* Black plastic, without imprint \* Du 1000 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

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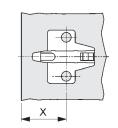




Drawings with mounting plate, height 02 We recommend a trial fitting.

#### Cup distance

		3	4	5	6					
	12				0					
	11			0						
	10		0		2					
	9	0		2	3					
	8		2	3	4					
	7	2	3	4						
ax.	6	3	4							
Door overlay max.	5	4								
erla										
Š										
Doo					М	ounti	ng pl	ate h	eight	(f)



x = 55.0 with mounting plate, height 00

x = 57.0 with mounting plate, height 02

x = 58.0 with mounting plate, height 03

x = 59.0 with mounting plate, height 04

# Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

# 

Door thickness

Hinge dimensions with factory setting.

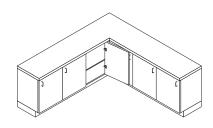


# Nexis Click-on 05/90/4

95° blind corner hinge, inset.



- For direct mounting on protruding post
- Opening angle 95°
- Optimum gap requirements up to door thickness of 30 mm
- Soft-close compatible
- Self-closing
- 3-dimensional adjustment with suitable mounting plate



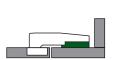




for screw-fixing

for press-fitting

# Inset





Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

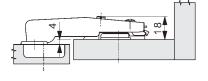
Drilling pattern	Item No.	Item No.
48/9	146.405.53.9615	146.405.54.9615
42/11	138.405.73.9615	138.405.74.9615
	PU 125 pieces	PU 125 pieces

Cover caps		Item No.
*	Steel, nickel-plated, without imprint, Soft-close compatible	514.300.21.0215
**	Black plastic, without imprint, Soft-close compatible	514.000.22.9762
		PU 1000 pieces

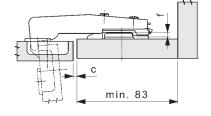
- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

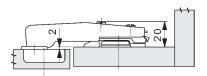
Soft-close Click-on	Page 5.8	Click-on mounting plates	Page 2.62 - 2.71	Assembly aids	Chapter 10
Tipmatic Click-on	Page 6.8			Technical Information	Page 2.74 - 2.77

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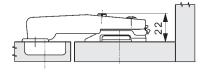


Drawing with mounting plate, height 00





Drawing with mounting plate, height 02



Drawing with mounting plate, height 04

We recommend a trial fitting.

# Reveal table

#### Note

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of reveal with factory setting.

We recommend a trial fitting.

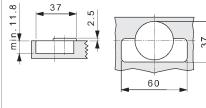
	Cup distance									
		3	4	5	6					
	16	0.1	0.1	0.1	0.1					
	18	0.2	0.2	0.2	0.2					
	19	0.3	0.3	0.3	0.3					
	20	0.4	0.4	0.4	0.4					
	22	0.7	0.7	0.7	0.7					
	24	1.0	1.0	1.0	1.0					
	26	1.4	1.4	1.4	1.4					
ess	28	1.9	1.9	1.9	1.9					
ic ku	30	3.8	2.9	2.6	2.5					
Door thickness										
8					Re	veal	min.	(c)		

Drilling	patterns	for screv	v-fixing	version

# Drilling patterns for press-fitting version

# 35+0.1

# Cup dimensions



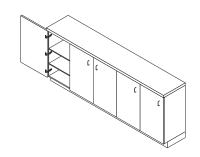


# **Nexis Click-on 80**

180° single-joint hinge for rebated doors.



- Opening angle 180°
- With visible, nickel-plated finial
- For door thicknesses 14 to 21 mm
- · With automatic hold-closed function
- 3-dimensional adjustment with suitable mounting plate







for screw-fixing

Half overlay





Hinge cup: Zamak Hinge arm: Zamak

nickel-plated brass, burnished

Drilling pattern	Item No.	Item No.
48/9	146.780.80.0015	146.780.81.0015
48/9	◆ 146.780.80.0013	
	PU 125	PU 125

# Half overlay, with finials





Hinge cup: Zamak Hinge arm: Zamak

brass, burnished

Drilling pattern	Item No.	Item No.
48/9	◆ 146.780.82.0013	
	PU 125	

#### Cover caps



Steel, nickel-plated, without imprint Black plastic, without imprint

\* \*\* on request with individual company logo

on request with Grass embossed

\* \*\* on request with Grass imprint

Item No.

514.300.21.0215

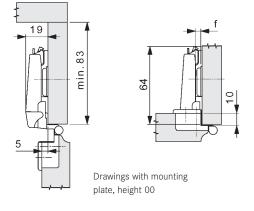
514.000.22.9762

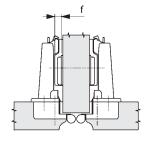
PU 1000 pieces

on request (minimum quantity required)

Click-on mounting plates	Page 2.62 - 2.71	Assembly aids	Chapter 10
		Technical Information	Page 2.74 - 2.77

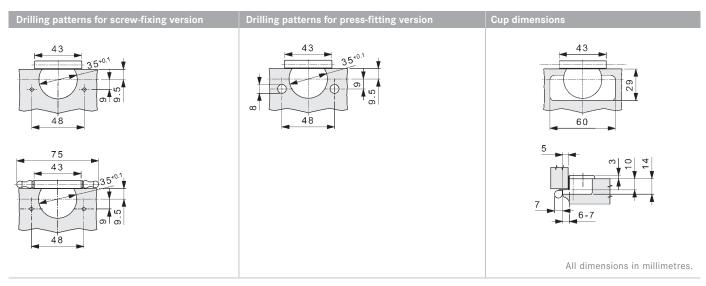
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Drawing with mounting plate, height 04

Hinge dimensions with factory setting.

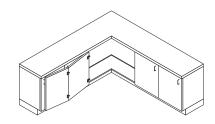


# **Nexis Click-on PCC**

Pie-cut corner hinge.



- For connecting two corner cabinet doors
- For door thicknesses 14 to 22 mm
- Self-closing
- 3-dimensional adjustment with suitable mounting plate







for screw-fixing







Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	Item No.
48/9	146.700.01.0015	146.700.02.0015
	PU 125 pieces	PU 125 pieces

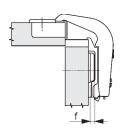
Cover caps		Item No.
*	Steel, nickel-plated, without imprint	514.300.21.0215
**	Black plastic, without imprint	514.000.22.9762
		PU 1000 pieces

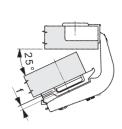
- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

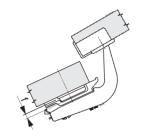
Click-on mounting plates	Page 2.62 - 2.71	Assembly aids	Chapter 10
		Technical Information	Page 2.74 - 2.77



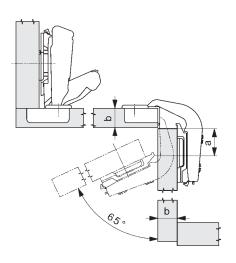


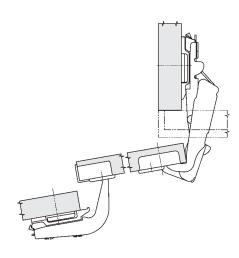


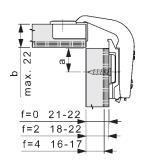


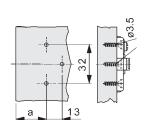


Drawings with mounting plate, height 04 We recommend a trial fitting.



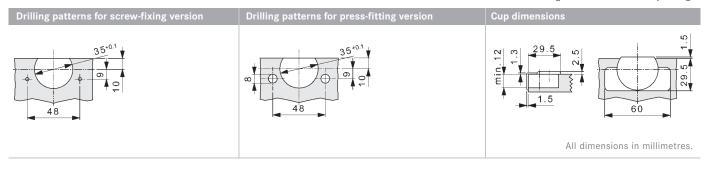






Door thickness (b)	16	17	18	19	20	21	22
Distance (a)	25	24	22	21	20	18	17
Mounting plate, height (f)	0	4		02		0	0

Hinge dimensions with factory setting.

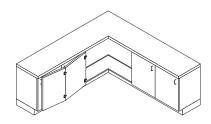


# **Nexis Click-on 00**

Folding door hinge with full cup recess for corner fitting.



- For connecting two corner cabinet doors
- For door thicknesses max. 24 mm, factory setting for 19 mm door thickness with cup distance 3.5 mm
- Shallow cup depth of 10.8 mm
- Self-closing
- 3-dimensional adjustment with suitable mounting plate







for screw-fixing

for press-fitting





Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

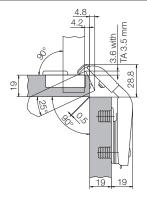
Drilling pattern	Item No.	Item No.
42/11	70139-10	70140-10
	PU 125 pieces	PU 125 pieces

Cover caps		Item No.
*	Steel, nickel-plated, without imprint	514.300.21.0215
**	Black plastic, without imprint	514.000.22.9762
		PU 1000 pieces

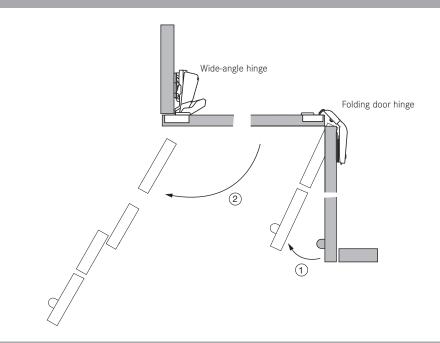
- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

Click-on mounting plates	Page 2.62 - 2.71	Assembly aids	Chapter 10
		Technical Information	Page 2.74 - 2.77

# Hinge application



Drawings with mounting plate, height 00 for door thickness 19 mm, factory setting. We recommend a trial fitting.



#### Important note

Use the folding door hinge with the following mounting plates:

With door thickness 19 mm: 314.493.71.0015 (page 63)

318.493.71.0015 (page 63) 314.393.81.0015 (page 66) 318.393.81.0015 (page 66) With door thickness 16 mm: 344.493.82.0315 (page 63)

348.493.82.0315 (page 63) 344.393.82.0315 (page 66) 348.393.82.0315 (page 66)

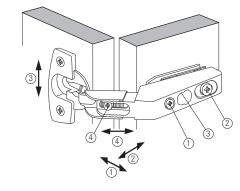
#### Adjustments

# Adjustment in the hinge arm

- 1. Side adjustment  $\pm 2 \text{ mm}$
- 2. Depth adjustment  $\pm 2 \text{ mm}$
- 4. Door thickness 14 to 24 mm, factory setting 19 mm

# Adjustment via mounting plate

3. Height adjustment ±2 mm



Hinge dimensions with factory setting.

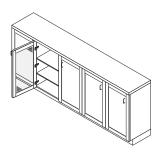
Drilling patterns for screw-fixing version	Drilling patterns for press-fitting version	Cup dimensions
35+0.1	35+0.1 0 0 0 1	All dimensions in millimetres.

# **Nexis Click-on 17**

# 95° hinge with 26 mm cup.



- Opening angle 95°
- Optimum gap requirements for doors up to 19 mm
- Soft-close ACC compatible
- Suitable for small doors and doors with narrow frames
- Self-closing
- 3-dimensional adjustment with suitable mounting plate





#### Full overlay Cranking 00





Cup hinge: steel, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.
36/7.5	146.317.61.0015
	PU 250 pieces

#### Cover caps for cranking 00



Steel, nickel-plated, without imprint Black plastic, without imprint

514.300.21.0215 514.000.22.9762 PU 1000 pieces

#### Half overlay

#### Cranking 08





Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	
36/7.5	146.417.61.0815	
	PU 250 pieces	



Steel, nickel-plated, without imprint

514.300.21.0215 514.000.22.9762 Black plastic, without imprint PU 1000 pieces

#### Cranking 15 Inset





Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.
36/7.5	146.417.61.1515
	PU 250 pieces



Steel, nickel-plated, without imprint

Black plastic, without imprint

\*\* on request with individual company logo, \* \*\* on request with Grass imprint,

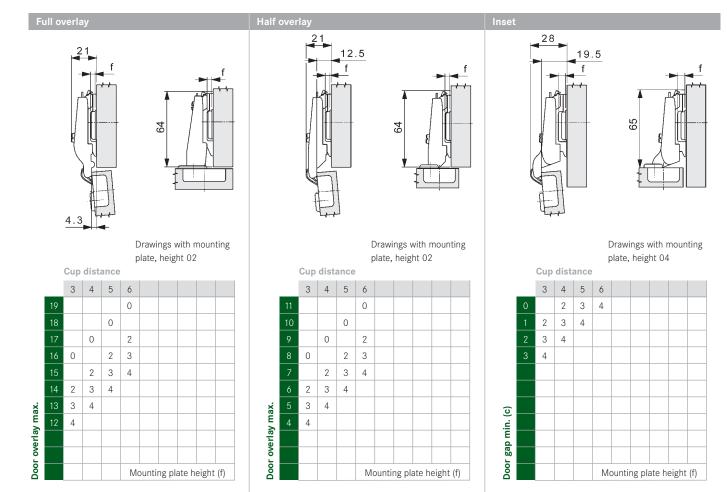
514.300.22.0015 514.000.22.9762

PU 1000 pieces

\* on request with Grass embossed

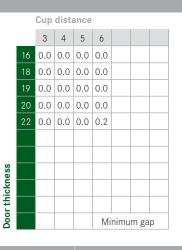
PU = packaging unit

Page 5.12 Soft-close ACC Chapter 10 Click-on mounting plates Page 2.62 -2.71 Assembly aids Page 2.74 - 2.77 Technical Information



# Table of minimum gaps

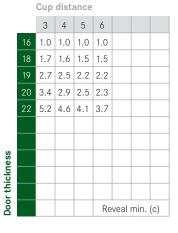
The minimum gap is the gap between the closed door and the front of the cabinet.



Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

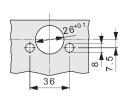
Hinge dimensions and calculation of reveal with factory setting.

We recommend a trial fitting.

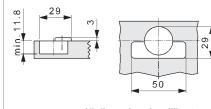


36

# Drilling patterns for press-fitting version



# Cup dimensions

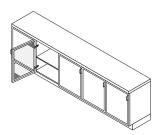


# **Nexis Click-on 17AL**

# 95° aluminium frame hinge.



- Opening angle 95°
- Optimum gap requirements with aluminium frames up to 20 mm
- Soft-close AL compatible
- · Hinge fits flush with the milled aluminium profile
- Self-closing
- 3-dimensional adjustment with suitable mounting plate



# Full overlay Cranking 00





Hinge cup: Zamak, nickel-plated Hinge arm: steel, nickel-plated

Item No.	
146.617.04.0015	
PU 250 pieces	

#### Cover caps for cranking 00



Steel, nickel-plated, without imprint Black plastic, without imprint

514.300.21.0215 514.000.22.9762 PU 1000 pieces

#### Half overlay

#### Cranking 08





Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

Item No.	
146.717.04.0815	
PU 250 pieces	

#### Cover caps for cranking 08



Steel, nickel-plated, without imprint Black plastic, without imprint

514.300.21.0215 514.000.22.9762 PU 1000 pieces

# Inset Cranking 15





Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

Item No.	
146.717.04.1515	
PLI 250 pieces	

#### Cover caps for cranking 15



Steel, nickel-plated, without imprint Black plastic, without imprint

514.300.22.0015 514.000.22.9762

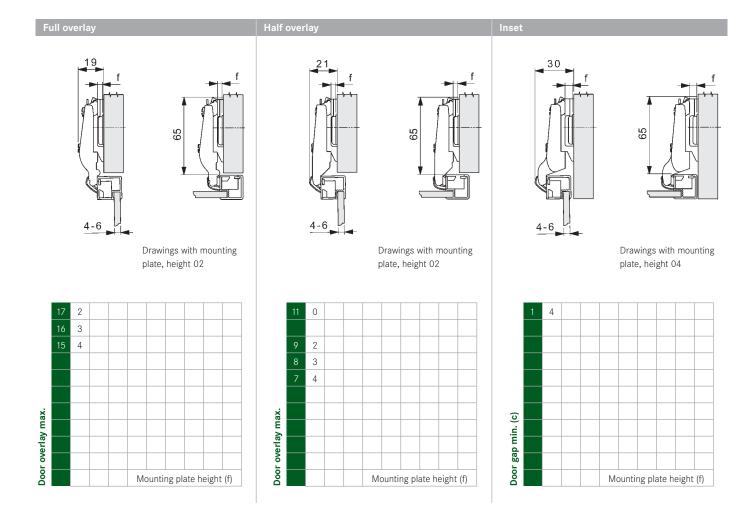
\* \*\* on request with individual company logo, \* \*\* on request with Grass imprint,

\* on request with Grass embossed

PU 1000 pieces

PU = packaging unit

Soft-close AL	Page 5.14	Click-on mounting plates	Page 2.62 - 2.71	Assembly aids	Chapter 10
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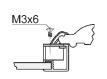


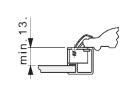
Hinge dimensions with factory setting.

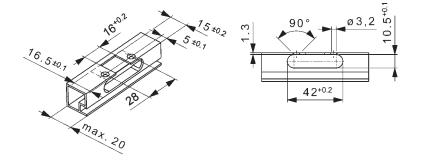
#### Fitting dimensions

# Screws for fixing are not included in the delivery.

706.320.30.9711 PU 500 pieces Material: steel









# **Nexis Click-on 17 Flexible**

Quick-fit hinges for aluminium frame profiles.

# G\*

# Flexible – the mobile hinge in connection with adapted aluminium frame profiles – an ideal basis for sophisticated furniture design

There is an increasing trend towards using aluminium in furniture design. Flexible can be fully adapted to the cabinet configuration to be mastered. The size of aluminium frames can be selected as required and the position of the hinges determined individually. The system includes the following components: aluminium profile, corner angle, cover profile, glass gasket and Flexible hinges. Fitting the hinges is easy and efficient. There is no need for costly milling of recess for the hinge cup in the frame profile.

Another advantage of the Flexible system is its simple storage requirement. Furniture designs using the 'Flexible' construction method are currently popular for kitchen, bathroom, living room and display cabinets.

# A new approach. New flexibility. New cost consciousness.

New solutions often start with a simple question: why should it not be possible to fit a hinge for aluminium frame profiles wherever it is needed?

The advantage is obvious:

- no more need for pre-machined profiles for anchoring the hinge
- · optimum usage of material
- · efficient storage
- · easy to fit
- · saves time
- is independent of the position of the shelves

The profile frame can always be made to suit insert own requirements – the hinge will fit at any chosen position.

Flexible creates a new idea of efficiency. This hinge can be used effectively to implement a great number of product variations.

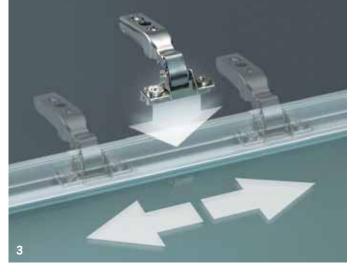
This is not only an economic way to increase product variety and product attractivity but also creates product individuality for customers.

# Fitting the hinge – this is how simple flexibility can be.

- 1 Insert the corner connector into the profile strip after this has been cut to the correct size.
- 2 Fix the corner connector.
- 3 Determine the approximate position for fixing the Flexible hinge. Insert Flexible into the profile.
- 4 Move the hinge to the required position.
- 5 Use a screwdriver to give the eccentric cam a quarter turn this will firmly fit the Flexible hinge to the frame.
- 6 Fit the cover profile and the job is done.













nexis

Nexis Click-on

Nexis Slide-or

Snap 01 3000

Soft-close

Tipmatic

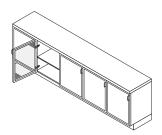
Inde

# **Nexis Click-on 17 Flexible**

95° hinge for aluminium frame profile.



- Opening angle 95°
- For aluminium profiles with open system groove
- · Does not require milling of the profile
- · Simply insert into the system groove and position flexibly
- · Eccentric cam fixing
- · Self-closing
- · 3-dimensional adjustment with suitable mounting plate



# Full overlay Cranking 00 146.617.06.0015 Hinge cup: Zamak, nickel-plated PU 250 Hinge arm: steel, nickel-plated Cover caps for cranking 00

#### 514.300.21.0215 Steel, nickel-plated, without imprint 514.000.22.9762 Black plastic, without imprint PU 1000

# Half overlay Cranking 08

Hinge cup: Zamak, nickel-plated

Hinge arm: Zamak, nickel-plated

Cover caps f	or crank	king 08	Item No.
	*	Steel, nickel-plated, without imprint	514.300.21.0215
	**	Black plastic, without imprint	514.000.22.9762
			DI 1000



# Aluminium profile set

- 1 set consists of:
- 1 x aluminium profile, length 3m
- 1 x cover profile, length 3m
- 1 x glass gasket, length 3m

924.000.02.2600

PU 26 sets

146.717.06.0815

PU 250

#### **Corner connector**







sizes of 60 x 90 cm

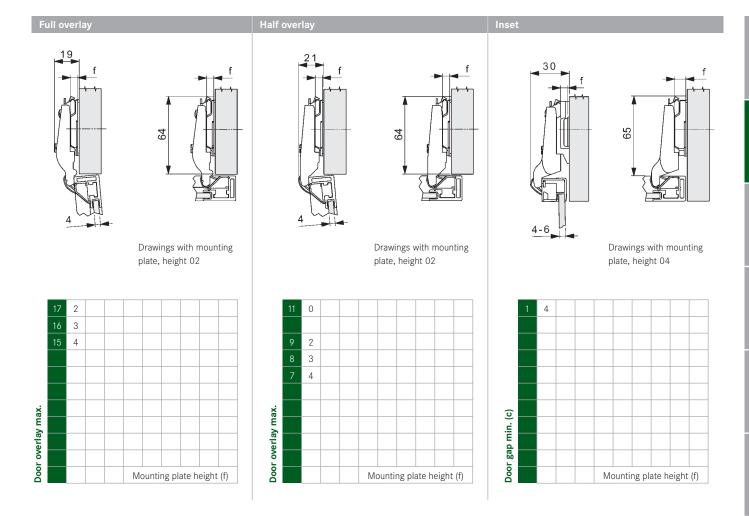
Item No.	
363.200.01.0015	363.200.02.0015
PU 500	

It is necessary for the screws to be tightened with a torque of 2.5 N/m.

When using thinner glass than 4 mm, we generally recommend bonding the glass to the frame.

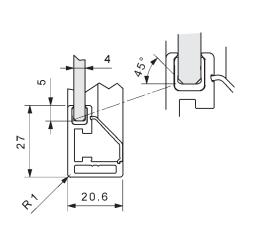
Soft-close Pin	Page 5.16	Click-on mounting plates	Page 2.62 - 2.71	Assembly aids	Chapter 10
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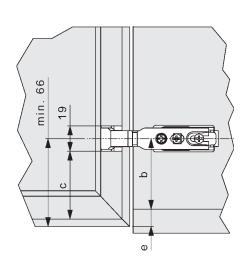
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Hinge dimensions with factory setting.

# Fitting dimensions





Glass dimension = outside door dimension minus 44 mm

- e = overlay of door on the base shelf
- b = distance from the top of the base shelf to centre of hinge
- c = b + e 14.5 mm

# **Nexis Click-on 17 GL**

95° glass door hinge.



- Glass door hinge, 26 mm cup
- For glass thicknesses 4 to 6 mm
- Opening angle 95°
- Self-closing
- 3-dimensional adjustment with suitable mounting plate



# Full overlay Cranking 00 146.017.93.0084 Hinge cup: black plastic PU 250

Hinge arm: steel, nickel-plated

514.300.21.0215 Steel, nickel-plated, without imprint 514.000.22.9762 Black plastic, without imprint

# PU 1000

# Half overlay Cranking 08 146.117.93.0884 Hinge cup: black plastic Hinge arm: Zamak, nickel-plated PU 250

Cover caps for cranking 08			Item No.
	*	Steel, nickel-plated, without imprint	514.300.21.0215
	**	Black plastic, without imprint	514.000.22.9762
			PU 1000

Inset		Cranking 15	
		Hinge cup: black plastic Hinge arm: Zamak, nickel-plated	Item No. 146.117.93.1584 PU 250
Cover caps for	cranki	ng 15	Item No.
	*	Steel, nickel-plated, without imprint	514.300.22.0015
	* *	Black plastic, without imprint	514.000.22.9762
* ** on reques * on request wil		ndividual company logo, * ** on request with Grass imprint,	PU 1000

# Decorative cover caps



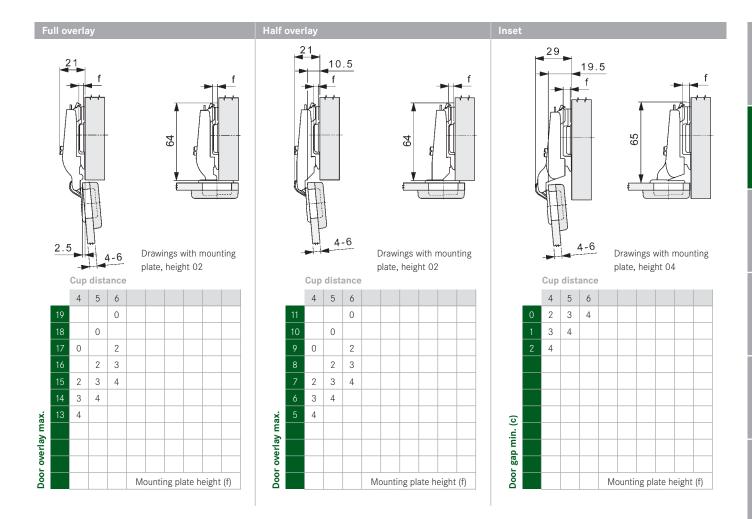
Colour	Item No.
nickel, 'velour'	359.000.81.1016
nickel, textured	359.000.81.1019
brass, textured	359.000.81.1035
brass, 'velour'	359.000.81.1036
silver RAL 9006	359.000.81.1046
black	359.000.81.1062
	PU 25 pieces



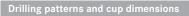
Colour	Item No.
nickel, 'velour'	359.000.81.1616
stainless steel	359.000.81.1617
nickel, textured	359.000.81.1619
brass, textured	359.000.81.1635
brass, 'velour'	359.000.81.1636
silver RAL 9006	359.000.81.1646
black	359.000.81.1662
chrome sheen	359.000.81.1682
	PU 25 pieces

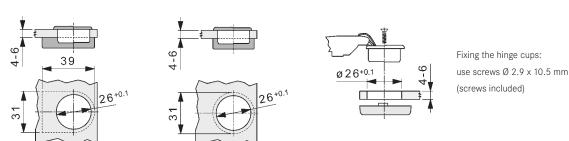
Soft-close Pin	Page 5.16	Click-on mounting plates	Page 2.62 - 2.71	Assembly aids	Chapter 10
				Technical Information	Page 2.74 - 2.77

Index



Hinge dimensions with factory setting.







# **Nexis Click-on 07 Mirro**

Quick-fit hinges for glass and mirror doors.





Mirro – form and function at its best. With an opening angle of 128° it provides the ideal position for double mirrors in the bathroom.

are slowly revealed.

A harmonious, quiet process with shining Mirro

always in focus. The slim and sleek design of Mirro provides the perfect combination of form and function.

The hinge is held in place by a stainless steel hinge adapter which is firmly glued to the door. Mirro is fitted quickly and efficiently to the door with a quick-clamping device.

Mirro hinges are mounted with Nexis Click-on technology on Nexis Click-on mounting plates.

# Quick to fit on prepared mirror or glass doors

- The stainless steel hinge adapters are glued on by selected glass companies
- Cost-saving solution no need for routing or drilling a hole in the door
- Quick-clamping device
- Efficient installation
- Slim and sleek design
- · Latest Nexis Click-on technology
- Soft-close Mirro compatible





Nexis

Nexis Click-on

Nexis Slide-on

Snap On 3000

Soft-close

Tipmati

≘ ≡

Special

Cabinet

ssembly aide

# **Nexis Click-on 07 Mirro**

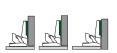
# Mirror and glass door hinge.



- Opening angle 128°
- Soft-close compatible
- Installation by gluing a stainless steel adapter onto the door
- The hinge is connected to the adapter via an eccentric cam
- Quick final mounting without having to drill the glass
- Self-closing
- 3-dimensional adjustment with suitable mounting plate



# Full overlay, Half overlay, Inset





Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

	Item No.	
with holding spring	298.707.88.0015	
without holding spring	299.707.88.0015	
	PU 50 pieces	

#### Cover caps



Steel, nickel-plated, without imprint

Black plastic, without imprint

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

#### Item No

514.300.21.0215

514.000.22.9762

PU 1000 pieces

# Stainless steel adapter



Item No

621.300.20.5017

PU 50 pieces

# Decorative foil sticker





 $52 \times 34$  mm, thickness 0.4 mm

Item No

729.700.00.0700

PU 6 pieces

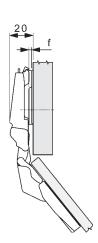
- Covers the stainless steel adapter where fitted to clear glass
- ${\boldsymbol{\cdot}}$  Sticker is applied from outside of glass
- Decorative aluminium colour
- · Special foil material

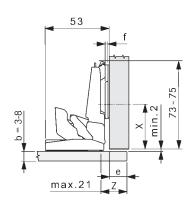
Soft-close Mirro	Page 5.11	illuxo Mirro	Page 7.8	Assembly aids	Chapter 10
Tipmatic Mirro	Page 6.12	Click-on mounting plates	Page 2.62 - 2.71	Technical Information	Page 2.74 - 2.77

Inde

#### Important!

A minimum gap of 2 mm around all mirror and glass doors is required to avoid breakage. The edge of Inset doors must not touch the cabinet when opening the door.

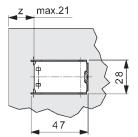




X



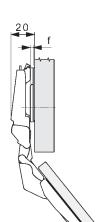
X = 46 - 48 mm with mounting plate for Line boring 37 mm

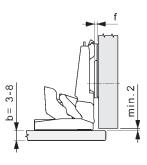


z = overlay e + 7 mm
 with mounting plate (f), height 00

z = overlay e + 9 mm with mounting plate (f), height 02

z = overlay e + 11 mm
 with mounting plate (f), height 04





Drawings with mounting plate, height 02

Drawings with mounting plate, height 02

# X

X = (depends on the mounting plate used) + 9 mm

The overlay of the door (e) on the cabinet side depends on the distance of the hinge adapter (z) from the glass edge and the mounting plate height.

The maximum overlay is 16 mm when using a mounting plate height 00 and making full use of the adjustment.

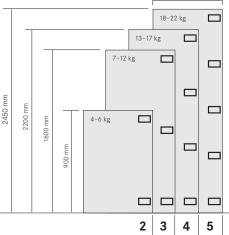
The door can also be hung Inset by changing the distance at which the mounting plate (X) is fixed and reducing the distance of the adapter from the glass edge.

**Number of Mirro hinges** 

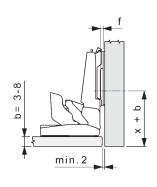
500 mm

# Important!

Mirro hinges must not be used with mounting plates that have eccentric cams.



# 20 f



Drawings with mounting plate, height 02

#### Note on installation

We recommend that you contact your glass / door supplier regarding the selection and application of the adhesive for fastening the hinge adapter onto mirror and glass doors.

Liability disclaimer

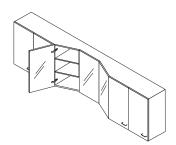
Please note that Grass cannot accept any liability for the type of adhesive and the bonding method used or any consequential damages resulting from these.

# Nexis Click-on Mirro 07/-15

-15° mirror and glass door hinge.



- For -15° angle corner cabinets
- Opening angle 128°
- · Soft-close compatible
- Installation by gluing a stainless steel adapter onto the door
- The hinge is connected to the adapter via an eccentric cam
- Quick final mounting without having to drill the glass
- Self-closing
- 3-dimensional adjustment with suitable mounting plate



# Half overlay, Inset







Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

	Item No.	
with holding spring	298.707.88.9815	
without holding spring	299.707.88.9815	
	PU 50 pieces	

#### Cover caps



Steel, nickel-plated, without imprint

Black plastic, without imprint

- \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

#### Item No

514.300.21.0215

514.000.22.9762

PU 1000 pieces

# Stainless steel adapter



Item No

621.300.20.5017

PU 50 pieces

# Decorative foil sticker





 $52 \times 34$  mm, thickness 0.4 mm

Item No

729.700.00.0700

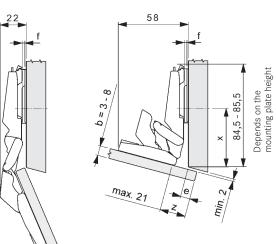
PU 6 pieces

- · Covers the stainless steel adapter where fitted to clear glass
- Sticker is applied from outside of glass
- · Decorative aluminium colour
- Special foil material

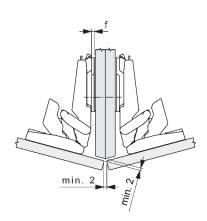
Soft-close Mirro	Page 5.11	illuxo Mirro	Page 7.8	Assembly aids	Chapter 10
Tipmatic Mirro	Page 6.12	Click-on mounting plates	Page 2.62 - 2.71	Technical Information	2.74 - 2.77

#### Important!

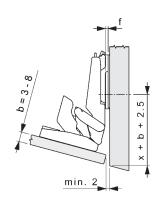
A minimum gap of 2 mm around all mirror and glass doors is required to avoid breakage. The edge of Inset doors must not touch the cabinet when opening the door.



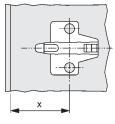
Drawings with mounting plate, height 02



Drawings with mounting plate, height 02



Drawings with mounting plate, height 02



### With mounting plates for Line boring 28 mm

X = 48.5 mm with mounting plate, height 00

X = 49.0 mm with mounting plate, height 02

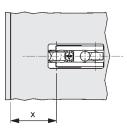
X = 49.5 mm with mounting plate, height 04

#### With mounting plates for Line boring 37 mm

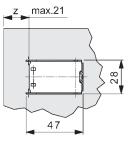
X = 57.5 mm with mounting plate, height 00

X = 58.0 mm with mounting plate, height 02

**X = 58.5 mm** with mounting plate, height 04



- X = (depends on the mounting plate used, height 00) + 20.5 mm
- X = (depends on the mounting plate used, height 02) + 21.0 mm
- $\mathbf{X}$  = (depends on the mounting plate used, height 04) + 21.5 mm



z = overlay e + 11 mm

with mounting plate (f), height 00

z = overlay e + 13 mm

with mounting plate (f), height 02

z = overlay e + 15 mm

with mounting plate (f), height 04

The overlay of the door (e) on the cabinet side depends on the distance of the hinge adapter (z) from the glass edge and the mounting plate height.

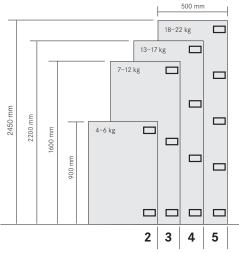
The maximum overlay is 12 mm when using a mounting plate height 00 and making full use of the adjustment.

The door can also be hung Inset by changing the distance at which the mounting plate (X) is fixed and reducing the distance of the adapter from the glass edge.

#### Important!

Mirro hinges must not be used with mounting plates that have eccentric cams.

#### **Number of Mirro hinges**



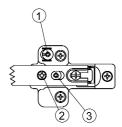
#### Note on installation

We recommend that you contact your glass / door supplier regarding the selection and application of the adhesive for fastening the hinge adapter onto mirror and glass doors.

Please note that Grass cannot accept any liability for the type of adhesive and the bonding method used or any consequential damages resulting from these.

# **Nexis Click-on mounting plates**

For Nexis Click-on hinges.









Height adjustment ±2 mm

Side adjustment +1/-3 mm

Depth adjustment +3/-1 mm

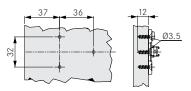
All adjustment options are independent of one another.

For screw fixing

# 2D-cross mounting plate, 3-point fixing



- Steel/Zamak, nickel-plated
- For fixing with wood screws
- Fixing distance 37 mm
- · Line boring 32 mm
- Height and depth adjustment via eccentric cam

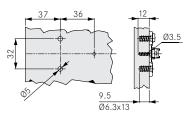


Height	Item No.
00	314.493.70.0015
02	314.493.70.0215
04	314.493.70.0415
06	314.493.70.0615
08	314.493.70.0815
	PU 250 pieces

# 2D-cross mounting plate, 3-point fixing



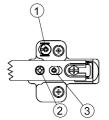
- Steel/Zamak, nickel-plated
- For fixing with pre-mounted Euro screws
- Fixing distance 37 mm
- Line boring 32 mm
- Height and depth adjustment via eccentric cam



Height	Item No.
00	318.493.70.0015
02	318.493.70.0215
04	318.493.70.0415
	PU 250 pieces

With pre-mounted Euro screws







Height adjustment ±2 mm



Side adjustment +1/-3 mm



Depth adjustment +3/-1 mm

All adjustment options are independent of one another.

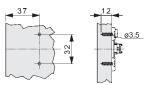
For screw fixing

For Euro screws

# 2D-cross mounting plate, 2-point fixing



- Steel/Zamak, nickel-plated
- For fixing with wood screws
- Fixing distance 37 mm
- Line boring 32 mm
- Height and depth adjustment via eccentric cam

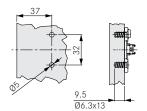


Height	Item No.
00	314.493.71.0015
02	314.493.71.0215
03	344.493.82.0315
04	314.493.71.0415
06	314.493.71.0615
08	314.493.71.0815
	PU 250 pieces

# 2D-cross mounting plate, 2-point fixing



- Steel/Zamak, nickel-plated
- For fixing with Euro screws
- Fixing distance 37 mm
- Line boring 32 mm
- Height and depth adjustment via eccentric cam



Height	Item No.
00	317.493.71.0015
02	317.493.71.0215
04	317.493.71.0415
06	317.493.71.0615
08	317.493.71.0815
	PU 250 pieces

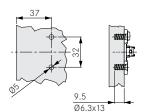
With pre-mounted Euro screws

With dowels

# 2D-cross mounting plate, 2-point fixing



- Steel/Zamak, nickel-plated
- For fixing with pre-mounted Euro screws
- Fixing distance 37 mm
- Line boring 32 mm
- Height and depth adjustment via eccentric cam

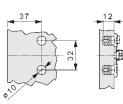


Height	Item No.
00	318.493.71.0015
02	318.493.71.0215
03	348.493.82.0315
04	318.493.71.0415
06	318.493.71.0615
08	318.493.71.0815
	PU 250 pieces

# 2D-cross mounting plate, 2-point fixing



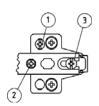
- Steel/Zamak, nickel-plated
- For fixing with Ø 10 mm dowels
- Fixing distance 37 mm
- · Line boring 32 mm
- Height and depth adjustment via eccentric cam



Height	Item No.
00	320.493.71.0015
02	320.493.71.0215
04	320.493.71.0415
	PU 250 pieces

# **Nexis Click-on mounting plates**

For Nexis Click-on hinges.









Height adjustment ±2 mm

Side adjustment +1/-3 mm

Depth adjustment +3/-1 mm

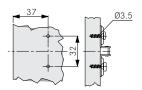
All adjustment options are independent of one another.

For screw fixing

# 1D-cross mounting plate, 2-point fixing

# height-adjustable

- · Steel, nickel-plated
- For fixing with wood screws
- Fixing distance 37 mm
- Line boring 32 mm
- · Height adjustment via eccentric cam

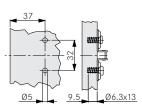


Height	Item No.
00	314.393.69.0015
02	314.393.69.0215
	PU 250 pieces

# 1D-cross mounting plate, 2-point fixing

# height-adjustable

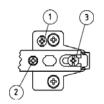
- Steel, nickel-plated
- For fixing with pre-mounted Euro screws
- Fixing distance 37 mm
- Line boring 32 mm
- Height adjustment via eccentric cam



Height	Item No.
00	318.393.69.0015
02	318.393.69.0215
04	318.393.69.0415
	DII 050 -:

With pre-mounted Euro screws







Height adjustment ±2 mm



Side adjustment +1/-3 mm



Depth adjustment +3/-1 mm

All adjustment options are independent of one another.

For screw fixing

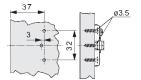
For Euro screws

For Euro screws

# 2-part cross mounting plate, 3-point fixing



- Steel/Zamak, nickel-plated
- · For fixing with wood screws
- Fixing distance 37 mm
- Line boring 32 mm

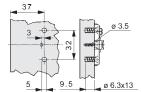


Height	Item No.
00	315.393.55.0015
02	315.393.55.0215
04	315.393.55.0415
08	315.393.55.0815
18	315.393.55.1815
	PU 250 pieces

# 2-part cross mounting plate, 3-point fixing



- Steel/Zamak, nickel-plated
- · For fixing with Euro screws
- Fixing distance 37 mm
- Line boring 32 mm



Height	Item No.
00	317.393.56.0015
02	317.393.56.0215
04	317.393.56.0415
08	317.393.56.0815
18	317.393.56.1815
	PU 250 pieces

# Spacing plate, height 3 mm



- For 2-part steel/Zamak plates
   Black plastic
- Stackable

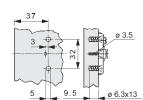


Height	Item No.
03	525.090.04.0362
	PU 500 pieces

# 2D-cross mounting plate, 3-point fixing



- Steel/Zamak, nickel-plated
- For fixing with pre-mounted Euro screws
- Fixing distance 37 mm
- Line boring 32 mm

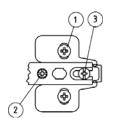


# With pre-mounted Euro screws

Height	Item No.
00	318.393.57.0015
02	318.393.57.0215
04	318.393.57.0415
08	318.393.57.0815
18	318.393.57.1815
	PU 250 pieces

# **Nexis Click-on mounting plates**

For Nexis Click-on hinges.









Side adjustment +1/-3 mm



Depth adjustment +3/-1 mm

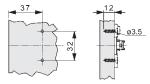
All adjustment options are independent of one another.

For screw fixing

# 1-part cross mounting plate, 2-point fixing



- Steel, nickel-plated
- · For fixing with wood screws
- Fixing distance 37 mm
- · Line boring 32 mm
- · Height adjustment slot



height	Item No.
00	314.393.81.0015
02	314.393.81.0215
03	344.393.82.0315
04	314.393.81.0415
	PU 250 pieces

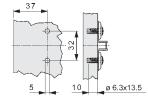
With pre-mounted Euro screws

With pre-mounted Euro screws

# 1-part cross mounting plate, 2-point fixing



- · Steel, nickel-plated
- For fixing with pre-mounted
   13.5 mm long Euro screws
- Fixing distance 37 mm
- Line boring 32 mm
- · Height adjustment via slot

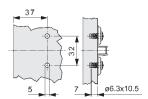


height	Item No.
00	318.393.81.0015
02	318.393.81.0215
03	348.393.82.0315
04	318.393.81.0415
	PU 250 pieces

# 1-part cross mounting plate, 2-point fixing

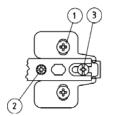


- Steel, nickel-plated
- For fixing with pre-mounted
   10.5 mm long Euro screws
- Fixing distance 37 mm
- Line boring 32 mm
- · Height adjustment via slot
- For twin application



height	Item No.
00	346.393.91.0015
02	346.393.91.0215
04	346.393.91.0415
	PU 250 pieces







Height adjustment ±2 mm



Side adjustment +1/-3 mm

With expanding dowels



Depth adjustment +3/-1 mm

All adjustment options are independent of one another.

With dowels

# 1-part cross mounting plate, 3-point fixing

height-adjustable

- Steel, nickel-plated
- Fix with Ø 5 mm expanding dowels
- Fixing distance 37 mm
- Line boring 32 mm
- Height adjustment via slot

ø 4 Screw has to be fitted.

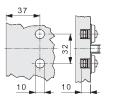
Height	Item No.
00	319.393.81.0015
02	319.393.81.0215
04	319.393.81.0415
	PU 250 pieces

Plate must not be fastened with power screwdriver.

# 1-part cross mounting plate, 2-point fixing



- · Steel, nickel-plated
- For fixing with Ø 10 mm plugs
- Fixing distance 37 mm
- Line boring 32 mm
- Height adjustment via slot

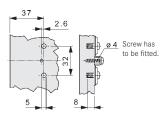


Height	Item No.
00	321.393.76.0015
02	321.393.76.0215
04	321.393.76.0415
	PU 250 pieces

# 1-part cross mounting plate, 3-point fixing



- Steel, nickel-plated
- Fix with Ø 5 mm expanding dowel bridge
- Fixing distance 37 mm
- Line boring 32 mm
- Height adjustment via slot

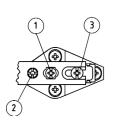


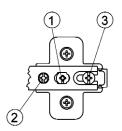
Height	Item No.
00	319.393.76.0015
02	319.393.76.0215
04	319.393.76.0415
	PU 250 pieces

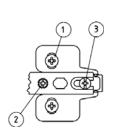
With expanding dowel bridge

# **Nexis Click-on mounting plates**

For Nexis Click-on hinges.









Height adjustment ±2 mm



Side adjustment +1/-3 mm



Depth adjustment +3/-1 mm

All adjustment options are independent of one another.

For screw fixing

For Euro screws

For Euro screws

# 1-part mounting plate, 2-point fixing, fixing distance 28 mm



- · Steel, nickel-plated
- · For fixing with wood screws
- Fixing distance 28 mm
- Line boring 32 mm
- · Height adjustment via slot

# 28 Ø3.5

Height	Item No.
00	314.390.81.0015
02	314.390.81.0215
04	314.390.81.0415
	PU 250 pieces

# 1-part mounting plate, 2-point fixing, fixing distance 28 mm



- Steel, nickel-plated
- For fixing with pre-mounted Euro screws
- Fixing distance 28 mm
- Line boring 32 mm
- Height adjustment via slot

# 

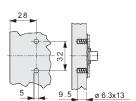
Height	Item No.
00	318.390.81.0015
02	318.390.81.0215
04	318.390.81.0415
	PU 250 pieces

With pre-mounted Euro screws

# 2-part mounting plate, 2-point fixing, fixing distance 28 mm



- Steel/Zamak, nickel-plated
- For fixing with Euro screws
- Fixing distance 28 mm
- Line boring 32 mm
- Height-adjustable

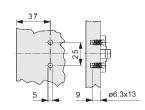


Height	Item No.
02	317.390.82.0215
04	317.390.82.0415
	PU 250 pieces

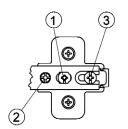
# 1-part mounting plate, 2-point fixing, fixing distance 37 mm, line boring 25 mm



- · Zamak, nickel-plated
- · For fixing with Euro screws
- Fixing distance 25 mm
- Line boring 25 mm
- height-adjustable



Height	Item No.
02	346.290.22.0215
	PU 250 pieces









Side adjustment +1/-3 mm

With pre-mounted Euro screws



Depth adjustment +3/-1 mm

All adjustment options are independent of one another.

For Euro screws

# 20° angle cross mounting plate, 2-point fixing



- ${}^{\bullet}$  For 20  ${}^{\circ}$  angle stops
- · Zamak, nickel-plated
- For fixing with pre-mounted Euro screws
- Line boring 32 mm
- · Height adjustment

# X

Height	Item No.
02	346.290.85.0215
04	346.290.85.0415
	PU 250 pieces

# 45° angle cross mounting plate, 2-point fixing



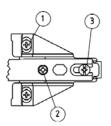
- ${}^{\bullet}$  For 45° angle stops
- · Zamak, nickel-plated
- · For fixing with Euro screws
- Line boring 32 mm
- Height adjustment

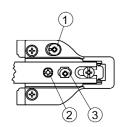


Height	Item No.
02	346.290.83.0215
04	346.290.83.0415
	PU 250 pieces

# **Nexis Click-on mounting plates**

For Nexis Click-on hinges.







Height adjustment ±2 mm



Side adjustment +1/-3 mm

With pre-mounted wood screws



Depth adjustment +3/-1 mm

All adjustment options are independent of one another.

For screw fixing

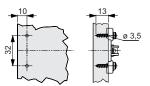
For screw fixing

For screw fixing

# 2D-special mounting plate for frame construction



- Steel/Zamak, nickel-plated
- · For fixing with pre-mounted wood screws
- · Height and depth adjustment via eccentric cam

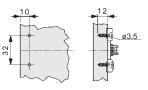


Height	Item No.
00	346.290.92.0015
02	346.290.92.0215
04	346.290.92.0415
	PU 250 pieces

# 2D-special mounting plate for frame construction



- depth-adjustable Steel/Zamak, nickel-plated
  - · For fixing with wood screws
  - · Height and depth adjustment via eccentric cam

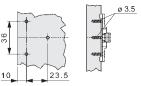


Height	Item No.
00	346.290.91.0015
02	346.290.91.0215
04	346.290.91.0415
	PU 250 pieces

# Special mounting plate for frame construction



- · Zamak, nickel-plated
- · For fixing with wood screws
- Height adjustment via slot

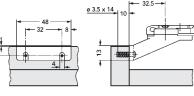


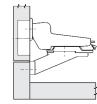
Height	Item No.
00	346.290.88.0015
02	346.290.88.0215
04	346.290.88.0415
	PU 250 pieces

# 2-part special mounting plate for frame construction

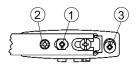


- · To be used with hinges cranking 08
- · Zamak, nickel-plated
- · For fixing with wood screws
- Height-adjustable





Height	Item No.
02	346.290.90.0215
	PU 250 pieces





Height adjustment ±2 mm



Side adjustment +1/-3 mm



Depth adjustment +3/-1 mm

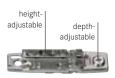
All adjustment options are independent of one another.

For screw fixing

For screw fixing

With dowels

# 2D-linear mounting plate, 2-point fixing



- Steel/Zamak, nickel-plated
- For fixing with wood screws
- Height and depth adjustment via eccentric cam

ø 3.5	27
13.5	32
_	

Thickness	Item No.
00	301.390.90.0015
02	301.390.90.0215
04	301.390.90.0415
	PU 250 pieces

# 1D-linear mounting plate, 2-point fixing



- Steel/Zamak, nickel-plated
- For fixing with wood screws
- Height adjustment via eccentric cam

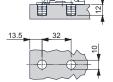


Height	Item No.
00	301.390.91.0015
02	301.390.91.0215
03	344.390.82.0315
04	301.390.91.0415
	PU 250 pieces

# 1D-linear mounting plate, 2-point fixing



- Steel/Zamak, nickel-plated
- $^{\bullet}\,$  For fixing with Ø 10 mm dowels
- Height adjustment via eccentric cam 13.5



Height	Item No.
00	306.390.91.0015
02	306.390.91.0215
03	346.390.82.0315
04	306.390.91.0415
	PU 250 pieces

# **Nexis Click-on accessories**

For Nexis Click-on hinges.

# Hinge arm cover caps Cover cap in plastic, long Nickel-plated, without imprint Item No. Plastic, without imprint 514.300.02.0015 514.000.02.9762 for hinges with cranking 00 PU 1000 pieces for hinges with cranking 00 PU 1000 pieces Nickel-plated, without imprint Plastic, without imprint 514.300.22.0015 514.000.22.9762 for hinges with cranking 08 and 15 PU 1000 pieces for hinges with cranking 00, 08 and 15 PU 1000 pieces Cover cap in plastic, with clip lock, Soft-close compatible Plastic, without imprint Nickel-plated, without imprint 514.300.21.0215 514.000.12.0062 for hinges with cranking 00 PU 1000 pieces PU 5000 pieces \* \*\* on request with individual company logo on request with Grass imprint

# Cover cap for hinge cup

# Click-on cover cap for hinge cup

on request with Grass embossed





Steel, nickel-plated

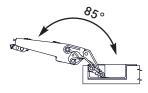
514.300.20.0115

PU 125 pieces

# Opening angle reduction clips

# Opening angle reduction clip for 85°



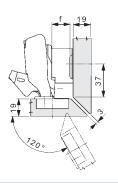


For 110° standard door hinge, page 10 Prevents doors from colliding with fronts or walls in corner installations. Black plastic 1tem No. 641.000.10.0062 PU 1000 pieces

# Opening angle reduction clip for 120°







For 170° wide-angle hinge, page 14 Prevents the door from knocking against the cabinet where the door is inset. Black plastic

Item No. 641.000.09.9862 PU 250 pieces

# **Nexis Click-on assembly aids**

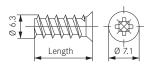


Index

# Fixing screws

# 191 / 192 Euro screw, nickel-plated

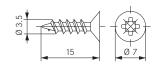




Item No. / Ø 6.3 x 10.5 mm	Item No. /Ø 6.3 x 13
711.331.61.9715	707.331.61.9715
PU 5000 pieces	PU 1000 pieces
·	•

## 198 Chipboard screw, nickel-plated





Item N	No. / Ø 3.5 x 15 mm
707.33	33.51.9715
PU 100	00 pieces

# Steel housing fastening screw for aluminium frame hinge, nickel-plated





# 706.320.30.9711

PU 500 pieces

# **Technical information**

for Nexis Click-on.

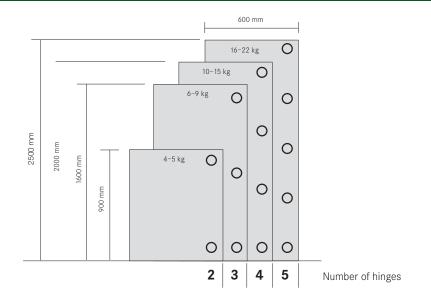
# Number of hinges per door

Determining factors are the height and weight of the door, the quality of the material, cup and mounting plate fixing.

The load and height figures refer to standard door widths of 600 mm.

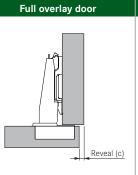
Hinges with Ø 26 mm housing were tested with 450 mm wide doors.

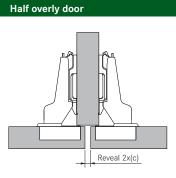
In cases of uncertainty, the number of hinges should be determined with a trial installation.

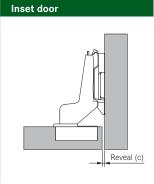


The reveal (c) is the distance that should be left between two doors or between the door and side wall of the cabinet to allow sufficient space for opening the door. The required reveal width

(c) depends on the thickness of the door. Most furniture makers prefer a reveal (c) between 3 mm and 6 mm







# Required reveal

Reveal

The table shows the reveal that should be left between two doors or between door and side wall to allow enough space for opening the door.

# Example:

For a door thickness of 18 mm and a cup distance of 6 mm a gap of 0.2 mm is needed.

	3	4	5	6			
16	0.1	0.1	0.1	0.1			
18	0.2	0.2	0.2	0.2			
19	0.3	0.3	0.3	0.3			
20	0.4	0.4	0.4	0.4			
22	0.7	0.7	0.7	0.7			
24	1.0	1.0	1.0	1.0			
26	1.4	1.4	1.4	1.4			
28	1.9	1.9	1.9	1.9			
30	3.8	2.9	2.6	2.5			
				Reveal min. (c)			(c)

Cup distance

# Note

Reveal dimensions were determined with an edge radius (of the door) of 1 mm! Hinge dimensions and calculation of reveal based on factory

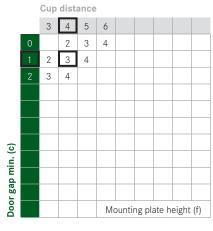
We recommend a trial fitting.

# Reveal achievable with inset door

The table shows the achievable reveal for an inset door, depending on the cup distance and mounting plate height.

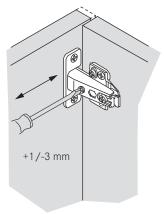
# Example:

A cup distance of 4 mm results from using a mounting plate with height 03 in a reveal (c) of 1 mm. This is also called negative opening action.

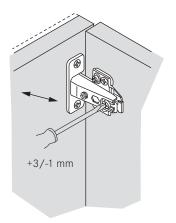


# Adjustments

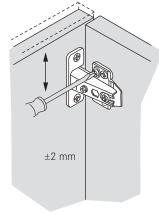
The options for height adjustment depend on the type of mounting plate. All adjustments can be carried out independently of one another.



Side adjustment



Depth adjustment

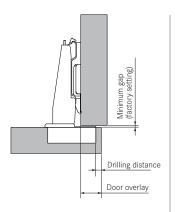


Height adjustment

# Minimum gap - cup distance

**The minimum gap** is the gap between the closed door and the front of the cabinet.

**The cup distance** is the distance between the edge of the door and the edge of the cup hole.



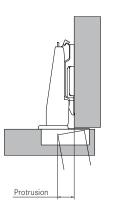
# Example:

For a door thickness of 26 mm and a cup distance of 6 mm the minimum gap is 0.7 mm.

	Cup	dista	ance				
	3	4	5	6			
16	0.5	0.5	0.5	0.5			
18	0.5	0.5	0.5	0.5			
19	0.5	0.5	0.5	0.5			
20	0.0	0.0	0.0	0.5			
22	0.5	0.5	0.5	0.5			
24	0.5	0.5	0.5	0.5			
26	0.5	0.5	0.5	0.7			
28	0.5	0.5	0.5	0.9			
30	0.5	0.5	1.1	1.1			
				Minimum gap			р

# Door edge protrusion

The door edge protrusion is the amount by which the edge of the open door protrudes into the opening and varies depending on the type of hinge and method of fixing. It is stated on the respective catalogue page and refers to the stated mounting plate for the factory setting. It can be changed by changing the height of the mounting plate and operating the lateral adjustment.



# Door overlay

**The door overlay** is that part of the cabinet side wall or frame that is covered by the door.

# Example:

For a hinge with a cranking of 08, a mounting plate height of 0 and a cup distance of 5 mm, the door overlay is 10 mm.

		3	4	5	6				
	11				0				
	10			0					
	9		0		2				
	8	0		2	3				
	7		2	3	4				
	6	2	3	4					
ax.	5	3	4						
Door overlay max.	4	4							
erla									
٥									
8					Mounting plate height (f)				

Cup distance

# **Technical information**

for Nexis Click-on.

# Option for changing the door overlay by selecting different crankings

# by selecting a cranking

Full overlay (Cranking 00)

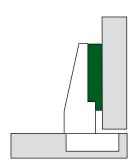
# by using a different mounting plate height

# The cup protrusion (factory setting) plus cup distance determine the door overlay. You can find the dimensions in a table on the respective page of the catalogue. | Gight |

Using a hinge with a crank-

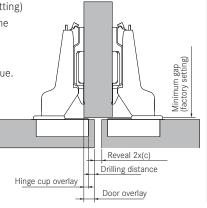
Full overlay

ing of 00 and mounting plate height 00.



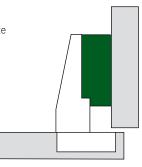
# Half overlay (Cranking 08)

# The cup protrusion (factory setting) plus cup distance determine the door overlay. You can find the dimensions in a table on the respective page of the catalogue.



# Half overlay

Using a hinge with a cranking of 00 and mounting plate height 08.

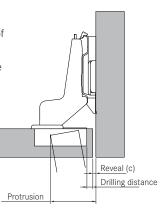


# Inset (Cranking 15)

There is no door overlay.

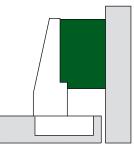
The gap (c) between the side of the cabinet and the door depends on the mounting plate height and the cup distance.

You can find the dimensions in a table on the respective page of the catalogue.



# Inset

Using a hinge with a cranking of 00 and mounting plate height 18.



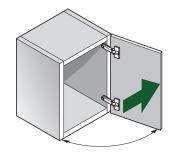
# **Test criteria**

for hinges.



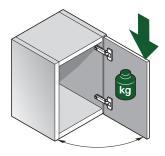
# Structural load test (resistance to excessive pulling)

The door is opened forcefully with a defined test force. (10 x 80 N)



# Wear test / durability test

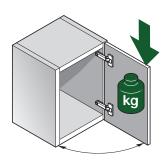
A defined additional load is imposed on the door which has to endure a certain number of opening and closing movements.  $(100,\!000 \text{ cycles with additional load } 2 \times 20 \text{ N})$ 



max. opening angle minus 5°

# Safety test

A defined large additional load is imposed on the door which has to endure a certain number of opening and closing movements. (300 N)



# Salt mist test and condensate test

In accordance with DIN 50021 SS and DIN 50017



Impressor

Nexis Click-on

Nexis Slide-on

Snap On 3000

Soft-clos

Tipmat

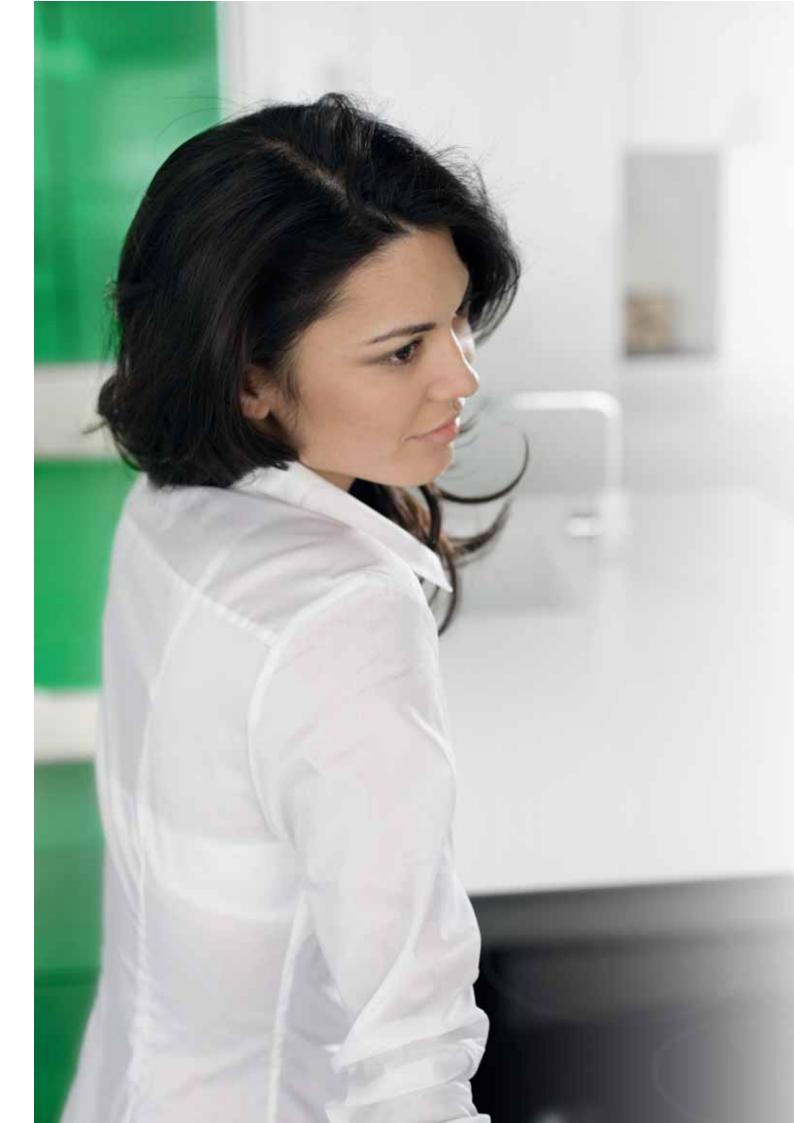
OXDIII

pecial

Cabinet ccessorie

assembly aids

Inde





# 03



# **NEXIS** SLIDE-ON

Tried and tested automatic hinges with classic Slide-on installation. Reliability in everyday use.





G<sup>3</sup>

Hinges for many functions and applications for fitting on the cabinet side with classic slide-on technology.



# Nexis Slide-on technology with a large selection of tried and tested applications.

The Nexis Slide-on series has been designed for many different ways of hanging doors for kitchen, bathroom and living room furniture. Reliable automatic hinges with a broad range and opening angles from 95° to 270° for everyday, long-term usage. Nexis Slide-on offers hinges for many specialised applications, such as rebated doors or protruding posts.

On the door side, this hinge series is fixed with screws or knock-in dowels.

The advantages of the short slide-on paths are clear: Nexis Slide-on hinges can be fitted fast and securely on high doors, one by one, from top to bottom, without any problems with jamming.

# Efficient and reliable.

- Offer the door with the fitted hinge up to the Slide-on mounting plate and slide on.
- · Reliable fitting without jamming, even with high doors
- The hinge will provide a durable opening function without any slack whatsoever.
- The door can be fitted and taken off the hinges in zipper fashion; once the top hinge is fitted, it holds the whole weight of the door
- 3-D adjustment is possible with the appropriate Slide-on mounting plate



Try for yourself how furniture doors move with the lightest of touches – with Soft-close, the unique hinge damping system. Nexis Slide-on hinges can be fitted with Soft-close right from the start or as an upgrade – the installation is quick and reliable, and needs no tools. This technology is fascinating and provides a new definition of what closing furniture doors means: the movement is gently cushioned and the furniture door closes itself softly and quietly.

Impresso

Nexis Click-on

Nexis Slide-on

Snap On 3000

Soft-close

IIpmatic

luxo

pecial

capinet

ssembly aids

ndex



# Product overview.



Opening angle	Drill hole	Short description	Full overlay	Half overlay	Inset	Page
100°	35 mm	Nexis Slide-on 04 for standard doors  Also suitable for soft-formed doors  Best gap requirements for doors up to 24 mm  Soft-close compatible				3.8
110°	35 mm	Nexis Slide-on 22 for standard doors Cup depth 11 mm Also suitable for soft-formed doors Soft-close compatible				3.10
125°	35 mm	Nexis Slide-on 29 for standard doors  • Very comfortable access to the unit • Soft-close compatible				3.12
170°	35 mm	Nexis Slide-on 65 Wide-angle hinge Also suitable for soft-formed doors Zero protrusion Soft-close compatible				3.14
95°	35 mm	Nexis Slide-on 05 hinge for profiled doors  Designed for profiled doors or thicker doors Best gap requirements for doors up to 30 mm Soft-close compatible				3.16
95°	40 mm	Nexis Slide-on 25 hinge for profiled doors For thick doors up to 36 mm thickness Minimum gap requirements with thick doors Excellent load-bearing capacity – including with large doors				3.18
95°	35 mm	Nexis Slide-on 05/30/2 +30° angle corner cabinet hinge For angled corner cabinets and special applications Best gap requirements for doors up to 30 mm Soft-close compatible				3.20
95°	35 mm	Nexis Slide-on 05/45/3 +45° angle corner cabinet hinge • For angled corner cabinets and special applications • Best gap requirements for doors up to 30 mm • Soft-close compatible				3.22
95°	35 mm	Nexis Slide-on 05/45/8 +45° angle corner cabinet hinge • For angled corner cabinets and special applications • Best gap requirements for doors up to 30 mm • Soft-close compatible				3.24
95°	35 mm	Nexis Slide-on 05/90/4 Blind corner hinge  • Excellent values for doors up to 30 mm thick  • For complex blind corner applications  • Soft-close compatible				3.26

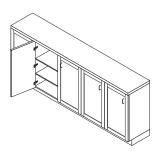
Product overview.

Opening angle	Drill hole	Short description	Full overlay	Half overlay	Inset	Page
95°	35 mm	Nexis Slide-on 05/90/0 Blind corner, short hinge arm  Excellent values for doors up to 30 mm thick For complex blind corner applications Soft-close compatible				3.28
270°	30 mm	Nexis Slide-on 70 single-joint hinge • For door thicknesses 15 to 21 mm • With wide-angle opening				3.30
270°	35 mm	Nexis Slide-on 73 single-joint hinge For door thicknesses 15 to 21 mm With wide-angle opening				3.32
180°	35 mm	Nexis Slide-on 80 single-joint hinge With visible, nickel-plated finial For door thicknesses 14 to 21 mm With wide-angle opening				3.34
	35 mm	Nexis Slide-on PCC pie-cut corner hinge For connecting two corner cabinet doors For door thicknesses 14 to 22 mm				3.36
95°	26 mm	Nexis Slide-on 17 hinge with 26 mm cup  Best gap requirements for doors up to 19 mm Soft-close compatible Suitable for small doors and doors with narrow frames				3.38
95°		Nexis Slide-on 17 AL aluminium frame hinge Optimum gap requirements with aluminium frames up to 20 mm Soft-close compatible				3.40
95°	26 mm	Nexis Slide-on 17 GL Glass door hinge • 26 mm cup • For glass thicknesses 4 to 6 mm • Ideal for display cabinets				3.42
	3 10	Nexis Slide-on Mounting plates				3.44 - 3.47
		Accessories  Hinge arm cover caps Cover cap for hinge cup Opening angle limiter				3.48 - 3.49

100° hinge for standard doors.



- Opening angle 100°
- Optimum gap requirements for doors up to 24 mm thick
- · Soft-close compatible
- With shallow cup depth (11 mm) also suitable for soft-formed doors
- · Self-closing
- 3-dimensional adjustment with suitable mounting plate









# Full overlay

# **Cranking -02 / 00**





Cup hinge: steel, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	Item No.
48/9 <b>K -02</b>	404.304.53.9815	
48/9 <b>K 00</b>	404.304.53.0015	404.304.54.0015
	PU 250 pieces	PU 250 pieces

# Cover caps for cranking -02 and 00



Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.21.0215 514.000.22.9762

PU 1000 pieces

# Half overlay

# Cranking 08





Cup hinge: steel, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	Item No.
48/9	404.304.53.0815	404.304.54.0815
	PU 250 pieces	PU 250 pieces

# Inset

# Cranking 15





Cup hinge: steel, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	Item No.
48/9	404.304.53.1515	404.304.54.0015
	PLI 250 pieces	PLI 250 pieces

# Cover caps for cranking 08 and 19



Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.22.0015 514.000.22.9762 PU 1000 pieces

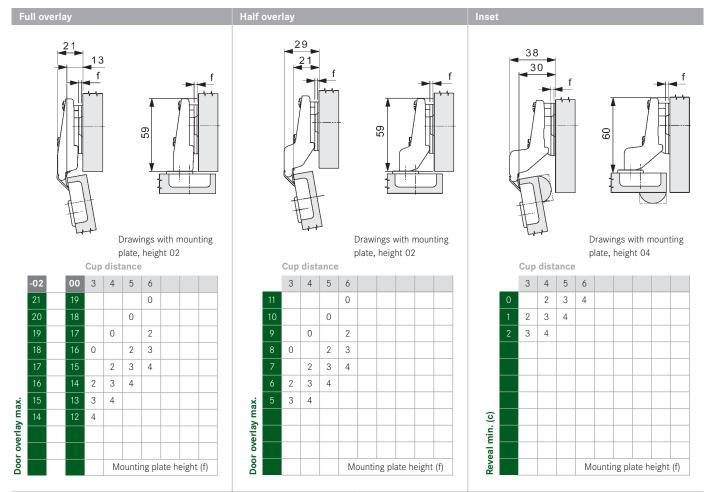
\* \*\* on request with individual company logo

\* \*\* on request with Grass imprint

\* on request with Grass embossed

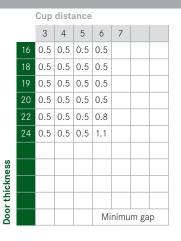
Soft-close Click-on	Page 5.8	Mounting plates	Page 3.44 - 3.47	Assembly aids	Chapter 10
		Scharniergehäuse-Abdeckkappe	Page 3.48	Technical information	Page 3.50 - 3.53





# Table of minimum gaps

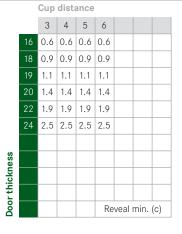
The minimum gap is the gap between the closed door and the front of the cabinet.



Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

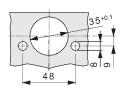
Hinge dimensions and calculation of gap with factory setting.

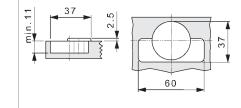
We recommend a trial fitting.





Drilling patterns for press-fit version



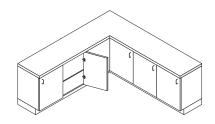


Cup dimensions

# 110° hinge for standard doors.



- Opening angle 110°
- · Soft-close compatible
- · With shallow cup depth (11 mm) also suitable for soft-formed doors
- Self-closing
- 3-dimensional adjustment with suitable mounting plate









for press-fitting

# Full overlay

# Cranking 00





Cup hinge: steel, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	Item No.
48/9	404.322.53.0015	404.322.54.0015
42/11	438.322.73.0015	438.322.74.0015
	PU 250 pieces	PU 250 pieces

# Cover caps for cranking 00



Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.21.0215 514.000.22.9762

PU 1000 pieces

# Half overlay

# Cranking 08





Cup hinge: steel, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	Item No.
48/9	404.322.53.0815	
42/11	438.322.73.0815	438.322.74.0815
	PU 250 pieces	PU 250 pieces



Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.22.0015 514.000.22.9762 PU 1000 pieces

- on request with individual company logo
- on request with Grass imprint
- on request with Grass embossed

# Opening angle limiter

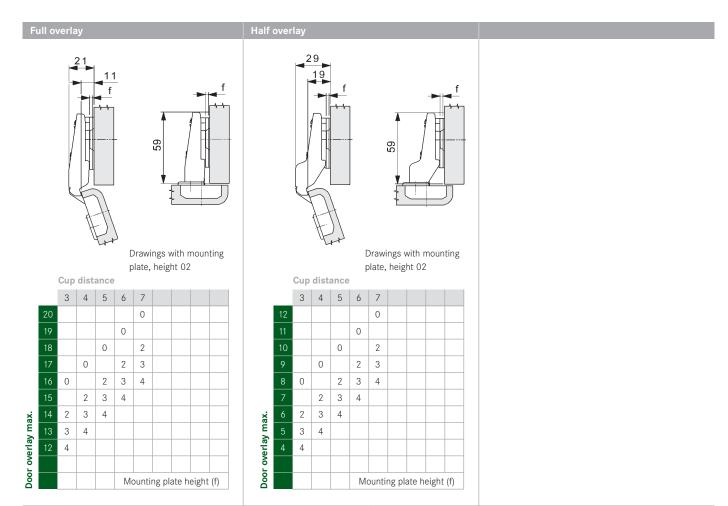


Limitation of opening angle to 85° Prevents doors from colliding with fronts or walls in corner installations. Black plastic

641.000.10.0062 PU 1000 pieces

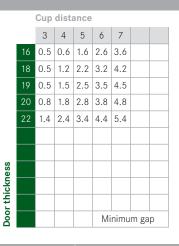
Soft-close Click-on	Page 5.8	Mounting plates	Page 3.44 - 3.47	Assembly aids	Chapter 10
		Scharniergehäuse-Abdeckkappe	Page 3.48	Technical information	Page 3.50 - 3.53





# Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.



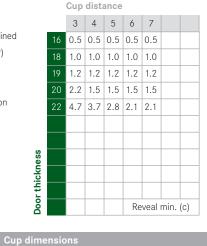
# Reveal table

# Note

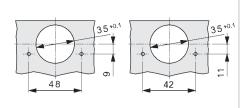
Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

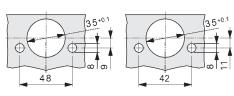
Hinge dimensions and calculation of gap with factory setting.

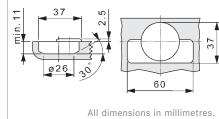
We recommend a trial fitting.



Drilling patterns for screw-fix version	Drilling patt



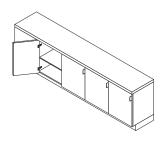




# 125° hinge for standard doors.



- Opening angle 125°
- Soft-close compatible
- Up to 19 mm door thickness
- Self-closing
- 3-dimensional adjustment with suitable mounting plate







# Full overlay

# Cranking 00





Cup hinge: steel, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	Item No.
48/9	426.329.55.0015	<b>4</b> 26.329.56.0015
	PU 250 pieces	PU 250 pieces

# Cover caps for cranking 00



Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.21.0215 514.000.22.9762

PU 1000 pieces

# Half overlay

# Cranking 08





Cup hinge: steel, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	
48/9	426.329.55.0815	
	PU 250 pieces	

# Cover caps for cranking 08



Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

PL

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

# Item No.

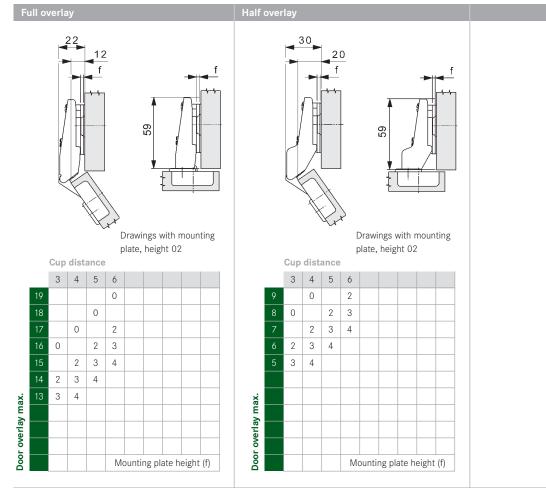
514.300.22.0015

514.000.22.9762

PU 1000 pieces

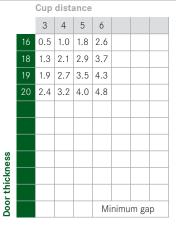
on request (minimum quantity required)

Soft-close Click-on	Page 5.8	Mounting plates	Page 3.44 - 3.47	Assembly aids	Chapter 10
		Scharniergehäuse-Abdeckkappe	Page 3.48	Technical information	Page 3.50 - 3.53



# Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.



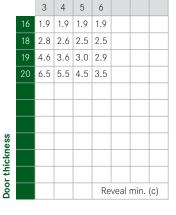
# Reveal table

# Note

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of gap with factory setting.

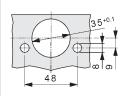
We recommend a trial fitting.



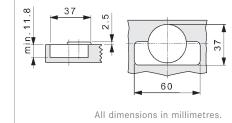
Cup distance

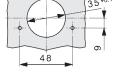
# Drilling patterns for screw-fix version

# Drilling patterns for press-fit version









170° wide-angle hinge.



- Opening angle 170°
- Soft-close compatible
- Up to 26 mm door thickness
- With shallow cup depth (11 mm) also suitable for soft-formed doors
- $\bullet$  Zero protrusion when door opened 90  $^\circ$
- Finger protection
- · Self-closing
- 3-dimensional adjustment with suitable mounting plate









# Full overlay

# Cranking 00





Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	Item No.
48/9	416.765.53.0015	416.765.54.0015
42/11	438.765.73.0015	438.765.74.0015
	PU 50 pieces	PU 50 pieces

# Half overlay

Cranking 08





Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	
48/9	416.765.53.0815	
42/11	438.765.73.0815	
	PU 50 pieces	

# Limitation of opening angle to 120°

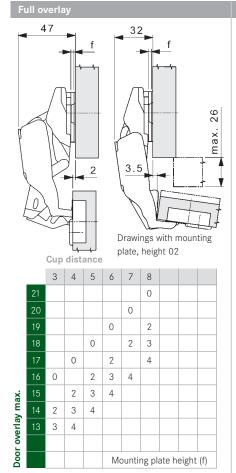


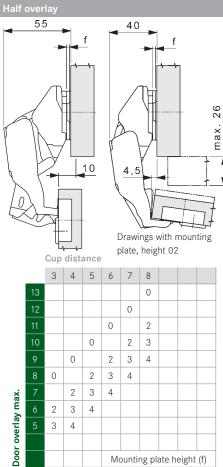


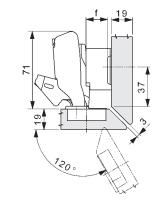


Item No. 641.000.09.9862 PU 250 pieces

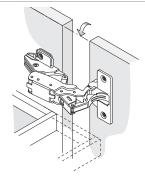
Soft-close 170°	Page 5.10	Mounting plates	Page 3.44 - 3.47	Assembly aids	Chapter 10
		Scharniergehäuse-Abdeckkappe	Page 3.48	Technical information	Page 3.50 - 3.53







With a cup distance of 3 mm and an 18 mm high mounting plate you achieve an inset stop.



Zero protrusion for application with inset drawers. With 00 cranking and 00 height of mounting plate the door is flush with the cabinet at 90°.

Cup distance

# Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

	Cup distance						
	3	4	5	6	8	10	
16	0.5	0.5	0.5	0.5	0.5	0.5	
18	0.5	0.5	0.5	0.5	0.5	0.5	
19	0.5	0.5	0.5	0.5	0.5	0.5	
20	0.5	0.5	0.5	0.5	0.5	0.5	
22	0.5	0.5	0.5	0.5	0.5	0.5	
23	0.5	0.5	0.5	0.5	0.5	0.5	
24	0.5	0.5	0.5	0.5	0.5	0.5	
25	0.5	0.5	0.5	0.5	0.5	0.5	
26	0.5	0.5	0.5	0.5	0.5	0.5	
				Minimum gap			

# Reveal table

# Note

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of gap with factory setting.

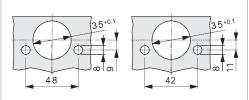
We recommend a trial fitting.

		3	4	5	6	7	8	
	16	0.0	0.0	0.0	0.0	0.0	0.0	
	18	0.0	0.0	0.0	0.0	0.0	0.0	
	19	0.0	0.0	0.0	0.0	0.0	0.0	
	20	0.0	0.0	0.0	0.0	0.0	0.0	
	22	0.0	0.0	0.0	0.0	0.0	0.0	
	23	0.0	0.0	0.0	0.0	0.0	0.0	
	24	0.0	0.0	0.0	0.5	1.8	2.0	
200	25	6.5	6.5	6.0	5.5	4.8	6.5	
	26	10.5	9.5	8.5	7.5	6.5	5.5	
SOUL CHICKINGS								
3					Reveal min. (c)			

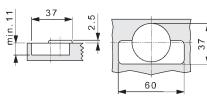
# Drilling patterns for screw-fix version

Door thickness

# Drilling patterns for press-fit version



# Cup dimensions

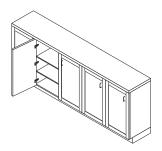


All dimensions in millimetres.

95° profiled door hinge for doors up to 30 mm thick.



- Opening angle 95°
- Minimum gap requirements for thick doors
- · Soft-close compatible
- Up to 30 mm door thickness
- Self-closing
- 3-dimensional adjustment with suitable mounting plate







# Full overlay

# Cranking 00





Cup hinge: steel, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	Item No.
48/9	404.305.53.0015	404.305.54.0015
	PU 250 pieces	PU 250 pieces

# Cover caps for cranking 00

# \*

Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.21.0215 514.000.22.9762

PU 1000 pieces

# Half overlay

# Cranking 08





Cup hinge: steel, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	Item No.
48/9	404.305.53.0815	146.305.54.0815
	PU 250 pieces	PU 250 pieces

# Inset

# Cranking 15





Cup hinge: steel, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.	Item No.	
48/9	404.305.53.1515	404.305.54.1515	
	PU 250 pieces	PU 250 pieces	

# Cover caps for cranking 08 and 15

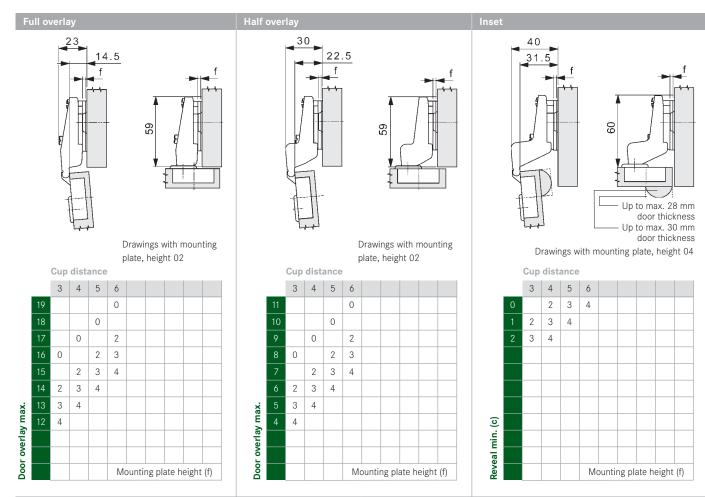


Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.22.0015 514.000.22.9762 PU 1000 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

Soft-close Click-on	Page 5.8	Mounting plates	Page 3.44 - 3.47	Assembly aids	Chapter 10
				Technical information	Page 3.50 - 3.53



# Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

Cup distance								
	3	4	5	6				
16	0.5	0.5	0.5	0.5				
18	0.5	0.5	0.5	0.5				
19	0.5	0.5	0.5	0.5				
20	0.0	0.0	0.0	0.5				
22	0.5	0.5	0.5	0.5				
24	0.5	0.5	0.5	0.5				
26	0.5	0.5	0.5	0.7				
28	0.5	0.5	0.5	0.9				
30	0.5	0.5	1.1	1.1				
				Mi	Minimum gap			

# Reveal table

# Note

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of gap with factory setting.

We recommend a trial fitting.

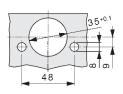
		3	4	5	6			
	16	0.1	0.1	0.1	0.1			
	18	0.2	0.2	0.2	0.2			
	19	0.3	0.3	0.3	0.3			
	20	0.4	0.4	0.4	0.4			
	22	0.7	0.7	0.7	0.7			
	24	1.0	1.0	1.0	1.0			
	26	1.4	1.4	1.4	1.4			
200	28	1.9	1.9	1.9	1.9			
2	30	3.8	2.9	2.6	2.5			
DOOL CHICKINGS								
3					Reveal min. (c)			

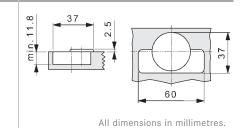
Cup distance

Drilling	pattern	s tor	screw-fix	version

Door thickness







**Cup dimensions** 

# 95° profiled door hinge with 40 mm cup.



- Opening angle 95°
- Minimum gap requirements for thick doors
- Ø 40 mm hinge cup
- For profiled and framed doors up to 36 mm
- Special spring mechanism ensures excellent closing force - including with large doors
- · Self-closing
- 3-dimensional adjustment with suitable mounting plate





# Full overlay

# Cranking 00





Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.
48/9	406.425.53.0015
	PU 125 pieces

# Cover caps for cranking 00

Steel, nickel-plated, without imprint Black plastic, without imprint

# 514.300.21.0215

514.000.22.9762

PU 1000 pieces

# Half overlay

# Cranking 08





Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	
48/9	406.425.53.0815	
	PU 125 pieces	

# Inset

# Cranking 15





Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.
48/9	406.425.53.1515
	PU 125

# er caps for cranking 08 and 15



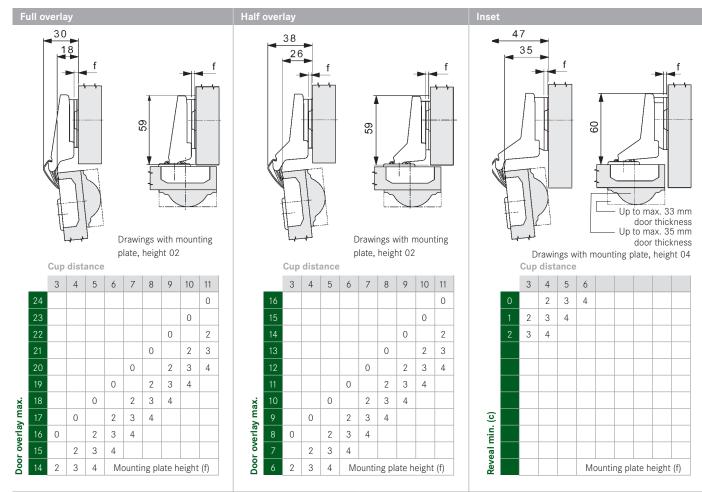
Steel, nickel-plated, without imprint

Black plastic, without imprint

514.300.22.0015 514.000.22.9762 PU 1000 pieces

- on request with individual company logo
- on request with Grass imprint
- on request with Grass embossed

Soft-close pin	Page 5.16	Mounting plates	Page 3.44 - 3.47	Assembly aids	Chapter 10
				Technical information	Page 3.50 - 3.53



# Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

	Cup distance								
	3	4	5	6	8	10			
20	0.0	0.0	0.0	0.0	0.0	0.0			
22	0.0	0.0	0.0	0.0	0.0	0.0			
24	0.0	0.0	0.0	0.0	0.0	0.0			
26	0.0	0.0	0.0	0.0	0.0	0.0			
28	0.0	0.0	0.0	0.0	0.0	0.0			
30	0.0	0.0	0.0	0.0	0.0	0.0			
32	0.0	0.0	0.0	0.0	0.0	0.0			
34	0.0	0.0	0.0	0.0	0.0	0.0			
36	0.0	0.0	0.0	0.0	0.0	0.0			
				Mi	Minimum gap				

# Reveal table

# Note

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of gap with factory setting.

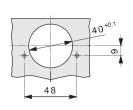
We recommend a trial fitting.

		3	4	5	6	8	10	
	20	0.1	0.1	0.1	0.1	0.1	0.1	
	22	0.2	0.2	0.2	0.2	0.2	0.2	
	24	0.3	0.3	0.3	0.3	0.3	0.3	
	26	0.4	0.4	0.4	0.4	0.4	0.4	
	28	0.6	0.6	0.6	0.6	0.6	0.6	
	30	0.8	0.8	0.8	0.8	0.8	0.8	
	32	2.1	1.1	1.1	1.1	1.1	1.1	
200	34	4.2	3.1	2.3	1.6	1.4	1.4	
2	36	6.5	5.2	4.2	3.5	2.2	1.7	
5								
3					Reveal min. (c)			
Door thickness					3.5	2.2	1.7	(c)

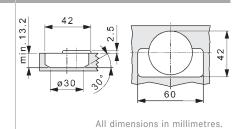
Cup distance

# Drilling pattern for screw-fixing version

Door thickness



# Cup dimensions

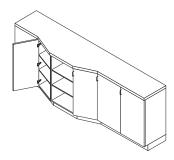


# Nexis Slide-on 05/30/2

+30°- angle corner cabinet hinge, half overlay.



- For 30° angle corner cabinets
- Opening angle 95°
- Optimum gap requirements up to door thickness of 30 mm
- · Soft-close compatible
- Self-closing
- · 3-dimensional adjustment with corresponding mounting plate





# Half overlay





Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	
48/9	◆ 458.405.53.0215	
42/11	438.405.73.0215	
	PU 125 pieces	

Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.21.0215 514.000.22.9762 PU 1000 pieces

- on request with individual company logo
- on request with Grass imprint
- on request with Grass embossed

on request (minimum quantity required)

Soft-close Click-on	Page 5.8	Mounting plates	Page 3.44 - 3.47	Assembly aids	Chapter 10
		Scharniergehäuse-Abdeckkappe	Page 3.48	Technical information	Page 3.50 - 3.53

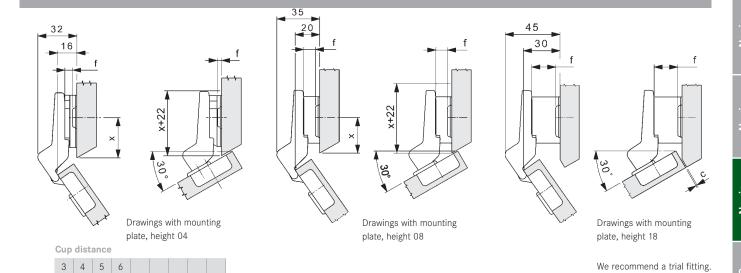


Table of minimum gaps

14

13 0

12

10 3

9 4

Door overlay max.

The minimum gap is the gap between the closed door and the front of the cabinet.

0

2

4

Mounting plate height (f)

Door thickness

2 3

2

3

Cup distance							
	3	4	5	6			
16	0.5	0.5	0.5	0.5			
18	0.5	0.5	0.5	0.5			
19	0.5	0.5	0.5	0.5			
20	0.0	0.0	0.0	0.5			
22	0.5	0.5	0.5	0.5			
24	0.5	0.5	0.5	0.5			
26	0.5	0.5	0.5	0.7			
28	0.5	0.5	0.5	0.9			
30	0.5	0.5	1.1	1.1			
				Minimum gap			

Χ

Reveal table

of 1 mm!

Reveal dimensions were determined with an edge radius (of the door)

x = 35.0 with mounting plate, height 00

x = 34.0 with mounting plate, height 02

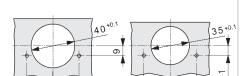
x = 33.5 with mounting plate, height 03

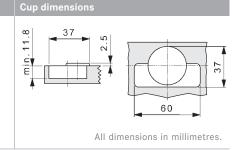
x = 33.0 with mounting plate, height 04x = 31.0 with mounting plate, height 08

Hinge dimensions and calculation of gap with factory setting.

We recommend a trial fitting.

	3	4	5	6			
16	0.1	0.1	0.1	0.1			
18	0.2	0.2	0.2	0.2			
19	0.3	0.3	0.3	0.3			
20	0.4	0.4	0.4	0.4			
22	0.7	0.7	0.7	0.7			
24	1.0	1.0	1.0	1.0			
26	1.4	1.4	1.4	1.4			
28	1.9	1.9	1.9	1.9			
30	3.8	2.9	2.6	2.5			
				Reveal min. (c)			



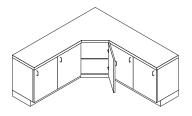


# Nexis Slide-on 05/45/3

+45° angle corner cabinet hinge, inset.



- For 45° angle corner cabinets
- Opening angle 95°
- Optimum gap requirements up to door thickness of 30 mm
- · Soft-close compatible
- Self-closing
- 3-dimensional adjustment with suitable mounting plate



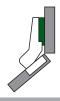




for screw-fixing

for press-fitting

# inset





Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	
48/9	454.405.53.0315	
42/11	438.405.73.0315	438.405.74.0315
	PU 125 pieces	

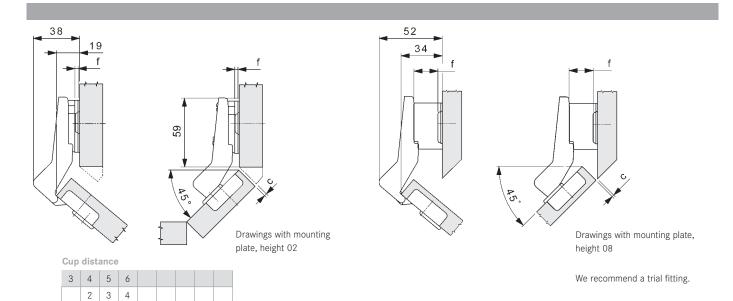
\*

Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

514.300.21.0215 514.000.22.9762 PU 1000 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

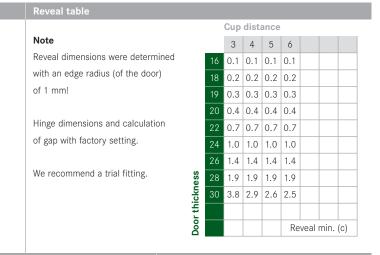
Soft-close Click-on	Page 5.8	Mounting plates	Page 3.44 - 3.47	Assembly aids	Chapter 10
		Scharniergehäuse-Abdeckkappe	Page 3.48	Technical information	Page 3.50 - 3.53

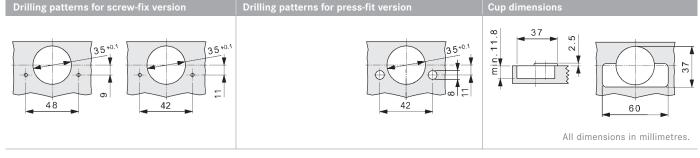


37

3 4

Mounting plate height (f)





# Nexis Slide-on 05/45/8

+45° angle corner cabinet hinge, half overlay.

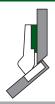


- For 45° angle corner cabinets
- Opening angle 95°
- Optimum gap requirements up to door thickness of 30 mm
- · Soft-close compatible
- Self-closing
- 3-dimensional adjustment with suitable mounting plate





#### Half overlay





Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	
48/9	454.405.53.0815	
	PU 125 pieces	

\*

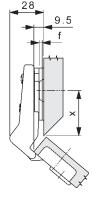
Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

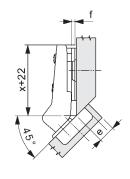
514.300.21.0215 514.000.22.9762 PU 1000 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

Soft-close Click-on	Page 5.8	Mounting plates	Page 3.44 - 3.47	Assembly aids	Chapter 10
		Scharniergehäuse-Abdeckkappe	Page 3.48	Technical information	Page 3.50 - 3.53

Inde

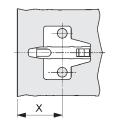




Drawings with mounting plate, height 04

#### Cup distance

	3	4	5	6					
19.5				0					
18.5			0						
18.0		0		2					
17.3	0		2	3					
16.5		2	3	4					
15.8	2	3	4						
15.0	3	4							
14.5	4								
				Мо	untin	g pla	te he	ight	(f)
	18.5 18.0 17.3 16.5 15.8	19.5 18.5 18.0 17.3 0 16.5 15.8 2 15.0 3	19.5   18.5   18.0   0   17.3   0   16.5   2   2   15.8   2   3   15.0   3   4	19.5     0       18.5     0       18.0     0       17.3     0     2       16.5     2     3       15.8     2     3     4       15.0     3     4	19.5 0 0 18.5 0 2 17.3 0 2 3 16.5 2 3 4 15.8 2 3 4 14.5 4	19.5 0 0 18.5 0 0 18.0 0 2 17.3 0 2 3 16.5 2 3 4 15.0 3 4 14.5 4	19.5 0 0 18.5 0 18.0 0 2 17.3 0 2 3 16.5 2 3 4 15.0 3 4 14.5 4	19.5 0 0 18.5 0 18.0 0 2 17.3 0 2 3 16.5 2 3 4 15.0 3 4 14.5 4	19.5 0 0 18.5 0 18.0 0 2 17.3 0 2 3 16.5 2 3 4 15.8 2 3 4 15.0 3 4



x = 35.0 with mounting plate, height 00

x = 33.0 with mounting plate, height 02

x = 32.0 with mounting plate, height 03

x = 31.0 with mounting plate, height 04

#### Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

			ance					
	3	4	5	6				
16	0.5	0.5	0.5	0.5				
18	0.5	0.5	0.5	0.5				
19	0.5	0.5	0.5	0.5				
20	0.0	0.0	0.0	0.5				
22	0.5	0.5	0.5	0.5				
24	0.5	0.5	0.5	0.5				
26	0.5	0.5	0.5	0.7				
28	0.5	0.5	0.5	0.9				
30	0.5	0.5	1.1	1.1				
				Minimum gap				

#### Reveal table

#### Note

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

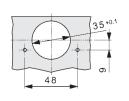
Hinge dimensions and calculation of gap with factory setting.

We recommend a trial fitting.

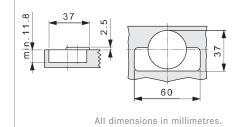
		uisti	ance				
	3	4	5	6			
16	0.1	0.1	0.1	0.1			
18	0.2	0.2	0.2	0.2			
19	0.3	0.3	0.3	0.3			
20	0.4	0.4	0.4	0.4			
22	0.7	0.7	0.7	0.7			
24	1.0	1.0	1.0	1.0			
26	1.4	1.4	1.4	1.4			
28	1.9	1.9	1.9	1.9			
30	3.8	2.9	2.6	2.5			
				Reveal min. (c)			

#### Drilling patterns for screw-fix version

Door thickness



#### Cup dimensions

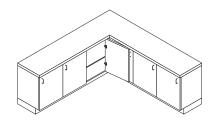


# Nexis Slide-on 05/90/4

Blind corner hinge, inset.



- For direct mounting on protruding post
- Opening angle 95°
- Optimum gap requirements up to door thickness of 30 mm
- · Soft-close compatible
- Self-closing
- 3-dimensional adjustment with suitable mounting plate









#### Inset





Cup	h	inge:	steel,	nic	ckel	-pl	at	ed		
Hing	e	arm:	7ama	k.	nicl	cel	-n	lat	ed	

Drilling pattern	Item No.	Item No.
48/9	456.405.53.9615	
42/11	438.405.73.9615	438.405.74.9615
	PU 125 pieces	PU 125 pieces

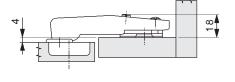
Cover	caps	
		*
		**

Steel, nickel-plated, without imprint, Soft-close compatible Black plastic, without imprint, Soft-close compatible

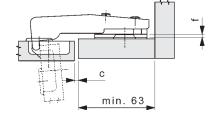
514.300.21.0215 514.000.22.9762 PU 1000 pieces

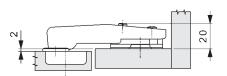
- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

Soft-close Click-on	Page 5.8	Mounting plates	Page 3.44 - 3.47	Assembly aids	Chapter 10
		Scharniergehäuse-Abdeckkappe	Page 3.48	Technical information	Page 3.50 - 3.53

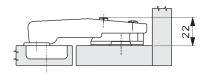


Drawing with mounting plate, height 00





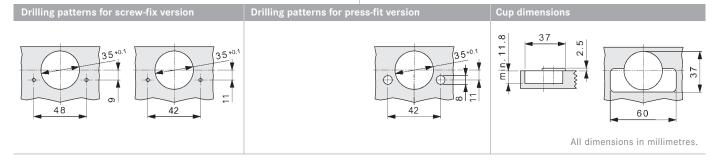
Drawing with mounting plate, height 02



Drawing with mounting plate, height 04

We recommend a trial fitting.

#### Cup distance 3 4 5 6 Reveal dimensions were determined 0.1 0.1 0.1 0.1 with an edge radius (of the door) 0.2 0.2 0.2 0.2 of 1 mm! 0.3 0.3 0.3 0.3 0.4 0.4 0.4 0.4 Hinge dimensions and calculation 0.7 0.7 0.7 0.7 of gap with factory setting. 1.0 | 1.0 | 1.0 | 1.0 26 1.4 1.4 1.4 1.4 We recommend a trial fitting. 28 Door thickness 1.9 1.9 1.9 1.9 3.8 2.9 2.6 2.5 Reveal min. (c)

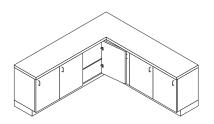


# Nexis Slide-on 05/90/00

Blind corner hinge, inset.



- · For direct mounting on protruding post
- Opening angle 95°
- Optimum gap requirements up to door thickness of 30 mm
- · Soft-close compatible
- Short hinge arm
- · Self-closing
- 3-dimensional adjustment with suitable mounting plate





#### Inset





Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.
48/9	456.405.53.0015
	PU 125 pieces

\* Steel, nickel-plated, without imprint, Soft-close compatible

\*\* Black plastic, without imprint, Soft-close compatible

\*\* Black plastic, without imprint, Soft-close compatible

\*\* PU 1000 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

Ear a	COPONI	fiving

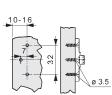


Suitable mounting plates

- · Zamak, raw
- · For fixing use wood screws
- Line boring 32 mm

Zamak, nickel-plated
For fixing use wood screws
Line boring 32 mm
Height adjustment via slot

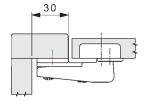
- · Height adjustment via slot
- 10-16 7 C C C C C 3.5

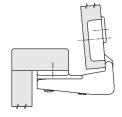


Height	Item No.
00	315.295.90.0001
	PU 250 pieces

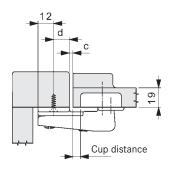
Height	Item No.
-04	315.295.90.9615
	PU 500 pieces

Soft-close Click-on	Page 5.8	Mounting plates	Page 3.44 - 3.47	Assembly aids	Chapter 10
		Scharniergehäuse-Abdeckkappe	Page 3.48	Technical information	Page 3.50 - 3.53





Drawing with mounting plate, height 00



We recommend a trial fitting.

#### Mounting plate position (d) Cup distance Cup distance 3 5 6 3 4 5 6 Gap dimensions were determined 0.1 0.1 0.1 0.1 0 with an edge radius (of the door) 0.2 0.2 0.2 0.2 1 0 of 1 mm! 0.3 0.3 0.3 0.3 2 1 0 14 0.4 0.4 0.4 0.4 3 2 1 0 Mounting plate position (d) Hinge dimensions and calculation 13 0.7 0.7 0.7 0.7 3 2 4 1 of gap with factory setting. 1.0 | 1.0 | 1.0 | 1.0 4 3 2 26 1.4 1.4 1.4 1.4 5 6 4 3 We recommend a trial fitting. 28 1.9 1.9 1.9 1.9 Door thickness 7 6 30 3.8 2.9 2.6 2.5 Reveal min. (c) Gap min. (c)



# Nexis Slide-on 70

 $270^{\circ}$  single-joint hinge with 30 mm cup.



- Opening angle 270°
- For door thicknesses 15 to 21 mm
- For door overlay up to 16 mm
- · With automatic hold-closed function
- 3-dimensional adjustment with suitable mounting plate





#### Full overlay

#### Cranking 00

#### T20 (door thickness 15 to 21 mm)





Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

	Item No.	
43/6	412.770.00.0015	
	PU 125 pieces	

#### Full overlay

#### Cranking 00

#### T17 (door thickness 15 to 18 mm)





Cup hinge: steel, nickel-plated Hinge arm: steel, nickel-plated

	Item No.	
43/6	412.770.04.0015	
	PU 125 pieces	



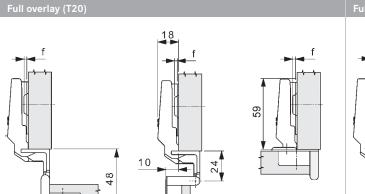
Steel, nickel-plated, without imprint

514.300.21.0215 Black plastic, without imprint 514.000.22.9762 PU 1000 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- on request with Grass embossed

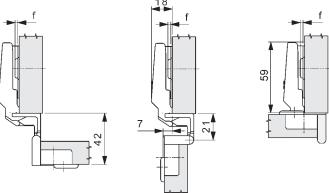
Soft-close Pin	Page 5.16	Mounting plates	Page 3.44 - 3.47	Assembly aids	Chapter 10
				Technical information	Page 3.50 - 3.53

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Drawing with mounting plate, height 00

#### Full overlay (T17)



Drawing with mounting plate, height 00

#### Door overlay

#### Note

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

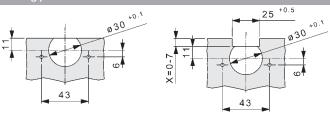
Hinge dimensions and calculation of gap with factory setting.

We recommend a trial fitting.

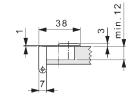
#### Depth of cut-out (x)

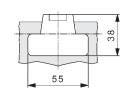
		-					
		0	7				
	16		0				
	15						
	14		2				
	13		3				
	12		4				
	11						
ax.	10						
Door overlay max.							
erla	8	2					
Š	7	3					
õ	6	4		Re	veal	min.	(c)

#### Drilling patterns for screw-fix version



#### Cup dimensions





All dimensions in millimetres.

# Nexis Slide-on 73

 $270^{\circ}$  single-joint hinge with 35 mm cup.



- Opening angle 270°
- For door thicknesses 15 to 21 mm
- For door overlay up to 16 mm
- · With automatic hold-closed function
- 3-dimensional adjustment with suitable mounting plate







#### Full overlay Cranking 00





Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

Item No.	Item No.
412.770.08.0015	412.770.09.0015
PU 125 pieces	PU 125 pieces

#### Half overlay

#### Cranking 08





Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

Item No.	
<ul><li>412.770.08.0815</li></ul>	
PU 125 pieces	



Steel, nickel-plated, without imprint

514.300.21.0215 514.000.22.9762 Black plastic, without imprint PU 1000 pieces

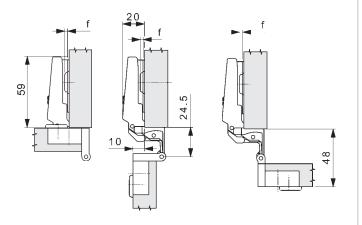
- \* \*\* on request with individual company logo
- \*\* on request with Grass imprint
- on request with Grass embossed

on request (minimum quantity required)

Soft-close Pin	Page 5.16	Mounting plates	Page 3.44 - 3.47	Assembly aids	Chapter 10
				Technical information	Page 3.50 - 3.53

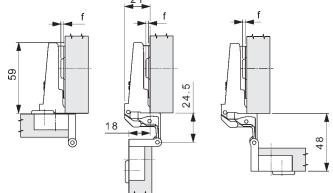
Index

#### Full overlay



Drawing with mounting plate, height 00

#### Half overlay



Drawing with mounting plate, height 00

#### Door overlay

Hinge dimensions and calculation of gap with factory setting.

We recommend a trial fitting.

	6	5	4	3	2	1	0
16	0						
15		0					
14	2		0				
13	3	2		0			
12	4	3	2		0		
11		4	3	2		0	
10			4	3	2		0
9				4	3	2	
8					4	3	2
7						4	3
6							4

Mounting plate height (f)

Depth of cut-out (x)

#### Door overlay

Hinge dimensions and calculation of gap with factory setting.

We recommend a trial fitting.

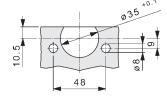
Depth of cut-out (x)							
	6	5	4	3	2	1	0
8	0						
7		0					
6	2		0				
5	3	2		0			
4	4	3	2		0		
3		4	3	2		0	
2			4	3	2		0
1				4	3	2	
		М	ounti	ng pl	ate h	eight	(f)

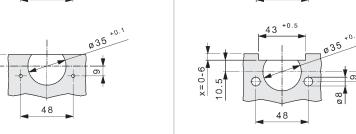
#### Drilling patterns for screw-fix version

Door overlay max.

ø35 <sup>+0.1</sup>

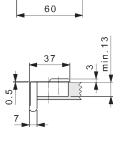
#### rilling patterns for press-fit version





# .

Cup dimensions



All dimensions in millimetres.

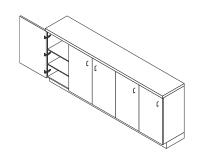
# 3.33

# **Nexis Slide-on 80**

180° single-joint hinge for rebated doors.



- Opening angle 180°
- With visible, nickel-plated finial
- For door thicknesses 14 to 21 mm
- · With automatic hold-closed function
- 3-dimensional adjustment with suitable mounting plate





for screw-fixing

#### Overlay





Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

nickel-plated brass, burnished

Drilling pattern	Item No.	
48/9	414.780.80.0015	
48/9	400.780.02.0013*	
	PU 125 / *PU 50	

#### Overlay with finials





Hinge cup: Zamak Hinge arm: Zamak

nickel-plated brass, burnished

Drilling pattern	Item No.	
48/9	◆ 414.780.82.0015	
48/9	414.780.82.0013	
	PU 125	



Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	
48/9	◆ 414.780.84.0015	
	PU 125	



Steel, nickel-plated, without imprint

Black plastic, without imprint

on request with individual company logo

- on request with Grass imprint
- on request with Grass embossed

on request (minimum quantity required)

PH	=	nackaging	unit

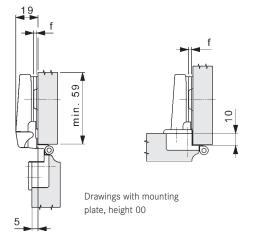
Soft-close Pin	Page 5.16	Mounting plates	Page 3.44 - 3.47	Assembly aids	Chapter 10
				Technical information	Page 3.50 - 3.53

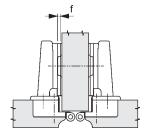
514.300.21.0215

514.000.22.9762

PU 1000 pieces

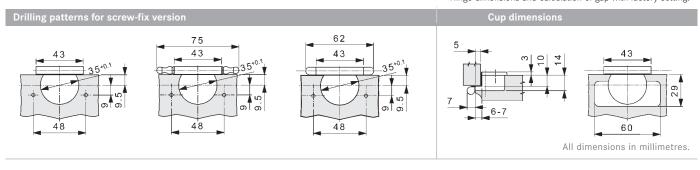
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Drawings with mounting plate, height 04

Hinge dimensions and calculation of gap with factory setting.

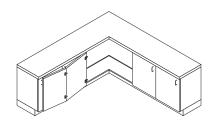


# **Nexis Slide-on PCC**

Pie-cut corner hinge.



- For connecting two corner cabinet doors
- For door thicknesses 14 to 22 mm
- Self-closing
- 3-dimensional adjustment with suitable mounting plate





for screw-fixing





Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	
48/9	474.700.01.0015	
	PU 125 pieces	

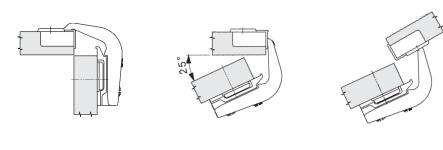
Cover caps		Item No.
*	Steel, nickel-plated, without imprint	514.300.21.0215
**	Black plastic, without imprint	514.000.22.9762
		PU 1000 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

	Mounting plates	Page 3.44 - 3.47	Assembly aids	Chapter 10
			Technical information	Page 3.50 - 3.53

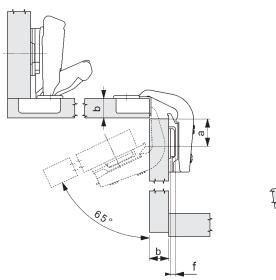
Inde

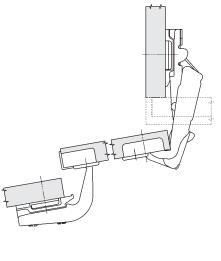


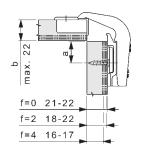


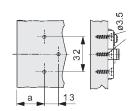
Drawings with mounting plate, height 04

We recommend a trial fitting.



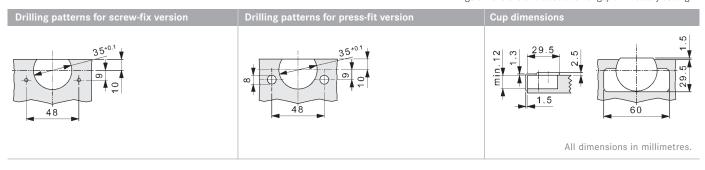






Door thickness (b)	16	17	18	19	20	21	22
Distance (a)	25	24	22	21	20	18	17
Mounting plate, height (f)	0	4		02		0	0

Hinge dimensions and calculation of gap with factory setting.

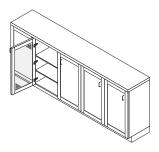


#### Nexis Slide-on 17

# 95° hinge with 26 mm cup.



- Opening angle 95°
- Optimum gap requirements for doors up to 19 mm
- · Suitable for small doors and doors with narrow frames
- · Soft-close ACC compatible
- · Self-closing
- 3-dimensional adjustment with suitable mounting plate





for screw-fixing

#### Full overlay Cranking 00





Cup hinge: steel, nickel-plated Hinge arm: steel, nickel-plated

Drilling pattern	Item No.
36/7.5	406.317.61.0015
	PU 250 pieces

#### Cover caps for cranking 00



Steel, nickel-plated, without imprint Black plastic, without imprint

\* on request with individual company logo

Item No.	
514.300.21.0215	

514.000.22.9762 PU 1000 pieces

514.300.21.0215

514.000.22.9762

PU 1000 pieces

#### Half overlay Cranking 08





Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	
36/7.5	406.417.61.0815	
	PU 250 pieces	



Steel, nickel-plated, without imprint Black plastic, without imprint

\* on request with individual company logo

Drilling pattern	Item No.	
36/7.5	406.417.61.0815	
	PU 250 pieces	

Cranking 15



Inset

Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

Drilling pattern	Item No.	
36/7.5	406.417.61.1515	
	DIL 250 minaga	



Steel, nickel-plated, without imprint Black plastic, without imprint

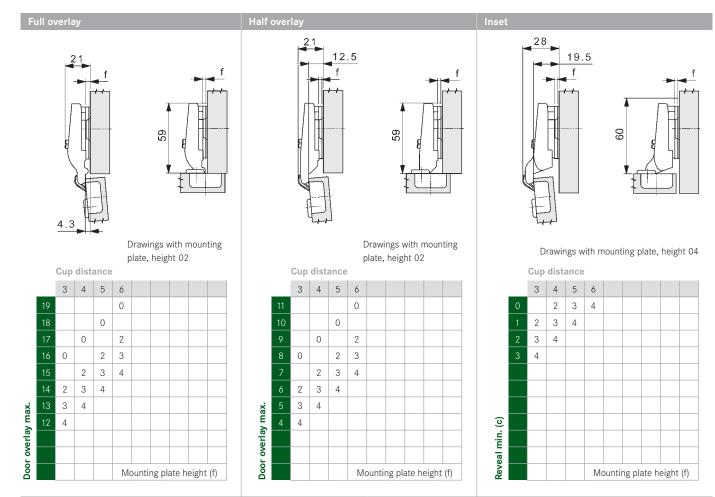
514.300.22.0015 514.000.22.9762

PU 1000 pieces

\* \*\* on request with individual company logo, \* \*\* on request with Grass imprint,

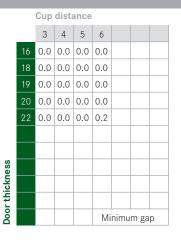
\* on request with Grass embossed

Soft-close ACC	Page 5.12	Mounting plates	Page 3.44 - 3.47	Assembly aids	Chapter 10
				Technical information	Page 3.50 - 3.53



#### Table of minimum gaps

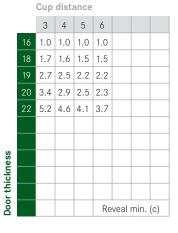
The minimum gap is the gap between the closed door and the front of the cabinet.

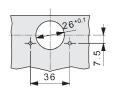


Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

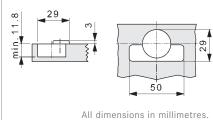
Hinge dimensions and calculation of gap with factory setting.

We recommend a trial fitting.





#### Cup dimensions

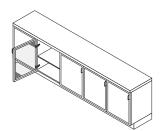


#### Nexis Slide-on 17 AL

# 95° aluminium frame hinge.



- Opening angle 95°
- Optimum gap requirements with aluminium frames
- · Hinge fits flush with the milled aluminium profile
- Soft-close AL compatible
- · Self-closing
- · 3-dimensional adjustment with suitable mounting plate



#### Full overlay Cranking 00





Hinge cup: Zamak, nickel-plated Hinge arm: steel, nickel-plated

Item No.	
406.617.04.0015	
PU 250 pieces	

#### Cover caps for cranking 00



Steel, nickel-plated, without imprint Black plastic, without imprint

514.300.21.0215 514.000.22.9762 PU 1000 pieces

#### Half overlay

#### Cranking 08





Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

Item No.	
406.717.04.0815	
PU 250 pieces	



Steel, nickel-plated, without imprint Black plastic, without imprint

514.300.21.0215 514.000.22.9762 PU 1000 pieces

#### Inset Cranking 15





Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

Item No.	
406.717.04.1515	
PLI 250 nieces	



Steel, nickel-plated, without imprint

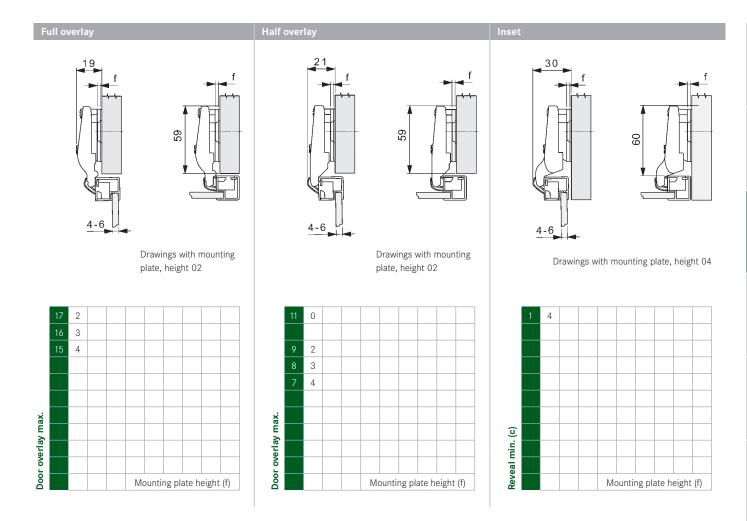
514.300.22.0015 514.000.22.9762 Black plastic, without imprint PU 1000 pieces

\* \*\* on request with individual company logo, \* \*\* on request with Grass imprint,

\* on request with Grass embossed

PU = packaging unit

Soft-close AL Page 5.14 Page 3.44 - 3.47 Chapter 10 Mounting plates Assembly aids Page 3.50 - 3.53 Technical information

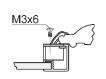


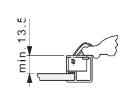
Hinge dimensions and calculation of gap with factory setting.

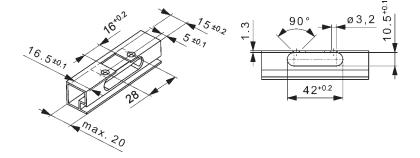
#### Fitting dimensions

#### Screws for fixing are not included in the delivery.

706.320.30.9711 PU 500 pieces Material: steel







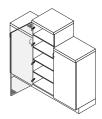
All dimensions in millimetres.

#### Nexis Slide-on 17 GL

95° glass door hinge.



- · Glass door hinge, 26 mm cup
- For glass thicknesses 4 to 6 mm
- Opening angle 95°
- Self-closing
- · 3-dimensional adjustment with corresponding mounting plate



#### Cranking 00 Full overlay





Hinge cup: black plastic Hinge arm: steel, nickel-plated

406.017.93.0084

PU 250

Cover caps for cranking 00		Cover	caps	for	cranking	00	
----------------------------	--	-------	------	-----	----------	----	--



Steel, nickel-plated, without imprint Black plastic, without imprint

514.300.21.0215

514.000.22.9762

PU 1000

#### Half overlay





Cranking 08

Hinge cup: black plastic Hinge arm: Zamak, nickel-plated

406.117.93.0884

PU 250

PU 1000



Steel, nickel-plated, without imprint Black plastic, without imprint

514.300.21.0215 514.000.22.9762

#### Inset Cranking 15





Hinge cup: black plastic Hinge arm: Zamak, nickel-plated 406.117.93.1584

514.300.22.0015 514.000.22.9762

PU 250

PU 1000

Steel, nickel-plated, without imprint Black plastic, without imprint

\* \*\* on request with individual company logo, \* \*\* on request with Grass imprint, \* on request with Grass embossed

Decorative cover caps



Colour	Item No.
nickel, velour	359.000.81.1016
nickel, textured	359.000.81.1019
brass, textured	359.000.81.1035
brass, velour	359.000.81.1036
silver RAL 9006	359.000.81.1046
black	359.000.81.1062
	PU 25 pieces

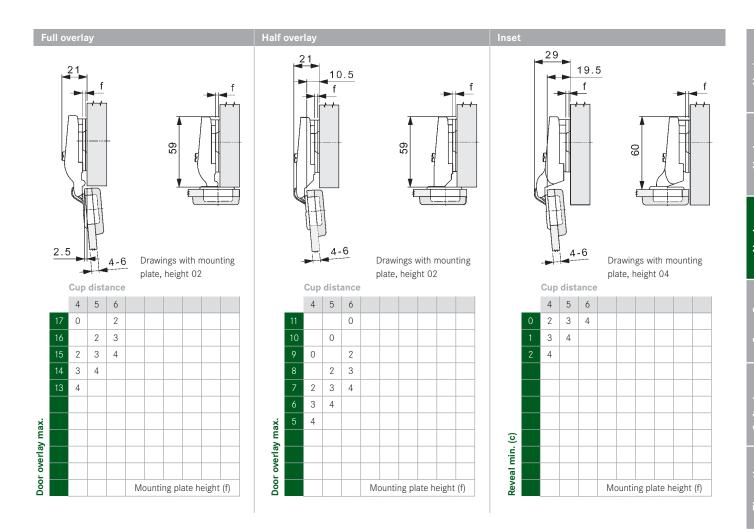


Colour	Item No.
nickel, velour	359.000.81.1616
stainless steel	359.000.81.1617
nickel, textured	359.000.81.1619
brass, textured	359.000.81.1635
brass, velour	359.000.81.1636
silver RAL 9006	359.000.81.1646
black	359.000.81.1662
chrome sheen	359.000.81.1682
	PU 25 pieces

PU = packaging unit

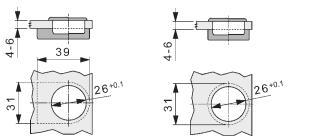
Soft-close pin Page 3.44 - 3.47 Chapter 10 Page 5.16 Mounting plates Assembly aids Page 3.50 - 3.53 Technical information

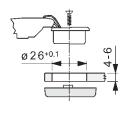
Index



Hinge dimensions and calculation of gap with factory setting.

#### Drilling patterns and cup dimensions



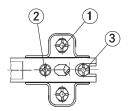


Fixing the hinge cups: use screws Ø 2.9 x 10.5 mm (screws included)

All dimensions in millimetres.

# **Nexis Slide-on mounting plates**

For Nexis Slide-on hinges.









Height adjustment ±2 mm

Side adjustment +1/-3 mm

Depth adjustment +3/-1 mm

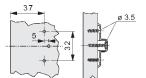
All adjustment options are independent of one another.

For screw fixing

#### Cross mounting plate, 2-point fixing

height-adjustable

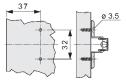
- · Steel, nickel-plated
- · For fixing use wood screws
- Fixing distance 37 mm
- Line boring 32 mm



Height	Item No.
00	314.393.52.0015
02	314.393.52.0215
04	314.393.52.0415
	PU 250 pieces



- · Zamak, nickel-plated
- · For fixing use wood screws
- Fixing distance 37 mm
- Line boring 32 mm

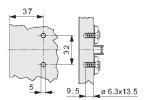


Height	Item No.
08	316.293.57.0815
	PU 250 pieces

#### Cross mounting plate, 2-point fixing



- · Steel, nickel-plated
- For fixing use pre-mounted
   Euro screws
- Fixing distance 37 mm
- Line boring 32 mm

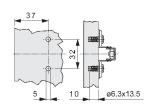


Height	Item No.
00	318.393.52.0015
02	318.393.52.0215
04	318.393.52.0415
	PU 250 pieces

With pre-mounted Euro screws

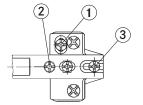


- · Zamak, nickel-plated
- For fixing use pre-mounted
   Euro screws
- Fixing distance 37 mm
- Line boring 32 mm



Height	Item No.
08	318.293.57.0815
	PU 250 pieces







Height adjustment ±2 mm



Side adjustment +1/-3 mm



Depth adjustment +3/-1 mm

All adjustment options are independent of one another.

For screw fixing

For Euro screws

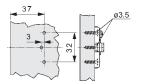
For screw fixing

For Euro screws

#### 2-part cross mounting plate, 3-point fixing



- Steel/Zamak, nickel-plated
- For fixing use wood screws
- Fixing distance 37 mm
- Line boring 32 mm

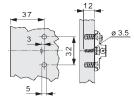


Height	Item No.
00	315.393.66.0015
02	315.393.66.0215
04	315.393.66.0415
08	315.393.66.0815
18	315.393.66.1815
	PU 250 pieces

#### 2-part cross mounting plate, 3-point fixing



- Steel/Zamak, nickel-plated
- · For fixing use Euro screws
- Fixing distance 37 mm
- Line boring 32 mm

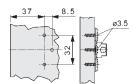


Height	Item No.			
00	317.393.66.0015			
02	317.393.66.0215			
04	317.393.66.0415			
08	317.393.66.0815			
18	317.393.66.1815			
	PU 250 pieces			

#### 2-part compact plate, 3-point fixing



- Steel/Zamak, nickel-plated
- For fixing use wood screws
- Fixing distance 37 mm
- Line boring 32 mm

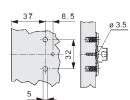


Height	Item No.		
00	314.493.63.0015		
02	314.493.63.0215		
04	314.493.63.0415		
	PU 250 pieces		

#### 2-part compact plate, 3-point fixing



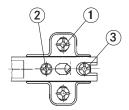
- Steel/Zamak, nickel-plated
- · For fixing use Euro screws
- Fixing distance 37 mm
- Line boring 32 mm



Height	Item No.
00	317.493.63.0015
02	317.493.63.0215
04	317.493.63.0415
	PU 250 pieces

# **Nexis Slide-on mounting plates**

For Nexis Slide-on hinges.









Side adjustment +1/-3 mm



Depth adjustment +3/-1 mm

All adjustment options are independent of one another.

#### 1-part cross mounting plate, 2-point fixing, fixing distance 28 mm

# height-adjustable

- · Steel, nickel-plated
- · For fixing use wood screws
- Fixing distance 28 mm
- Line boring 32 mm
- Height adjustment via slot

# For screw fixing

For Euro screws

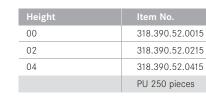
height	Item No.
00	314.390.52.0015
04	314.390.52.0415
	PU 250 pieces

#### 1-part cross mounting plate, 2-point fixing, fixing distance 28 mm



- Steel, nickel-plated
- For fixing use pre-mounted Euro screws
- Fixing distance 28 mm
- Line boring 32 mm
- Height adjustment via slot

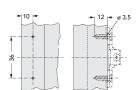
#### With pre-mounted Euro screws



#### 1-part cross mounting plate, 2-point fixing, fixing distance 10 mm

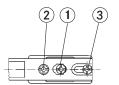


- · Zamak plate, nickel-plated
- For fixing use wood screws
- Fixing distance 10 mm
- Line boring 36 mm
- · Height adjustment via slot



Height	Item No.
00	346.290.54.0015
	PU 250 pieces

ndex









Height adjustment ±2 mm

Side adjustment +1/-3 mm

Depth adjustment +3/-1 mm

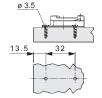
All adjustment options are independent of one another.

For screw fixing

# 1D linear mounting plate, 2-point fixing

height-adjustable

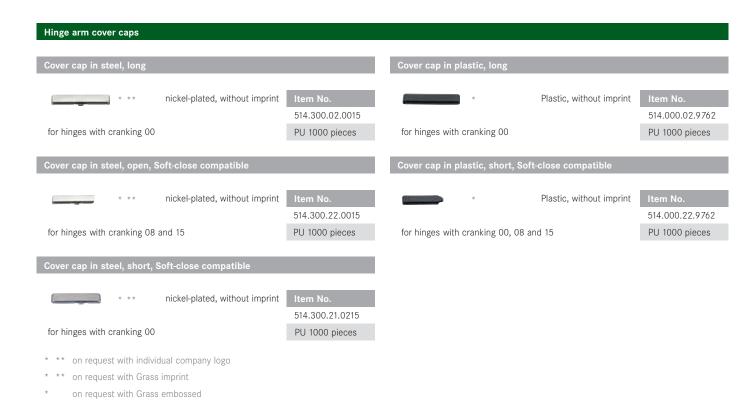
- Steel/Zamak, nickel-plated
- For fixing use wood screws
- · Height-adjustable



Height	Item No.		
00	301.490.63.0015		
02	301.490.63.0215		
04	301.490.63.0415		
	PU 250 pieces		

## **Nexis Slide-on accessories**

For Nexis Slide-on hinges.



#### Cover cap for hinge cup





Steel, nickel-plated Item No.

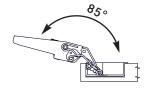
514.300.20.0115

PU 125 pieces

#### Opening angle reduction clips

#### Opening angle reduction clip for 85°

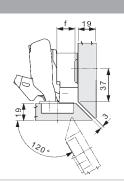




For 110° standard door hinge, page 10 Prevents doors from colliding with fronts or walls in corner installations. Black plastic

641.000.10.0062 PU 1000 pieces





For 170° wide-angle hinge, page 14 Prevents the door from knocking against the cabinet where door is inset. Black plastic

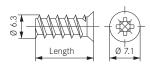
641.000.09.9862 PU 250 pieces

ndex

#### Fixing screws

# 191 / 192 Euro screw, nickel-plated

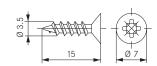




Item No. / Ø 6.3 x 10.5 mm	Item No. / Ø 6.3 x 13 mm
711.331.61.9715	707.331.61.9715
PU 5000 pieces	PU 1000 pieces

#### 198 Chipboard screw, nickel-plated





Item	lo. / Ø 3.5 x 15 mm	
707.3	3.51.9715	

PU 1000 pieces

#### Aluminium screw, nickel-plated





# 706.320.30.9711

PU 500 pieces

#### **Technical information**

For Nexis Slide-on.

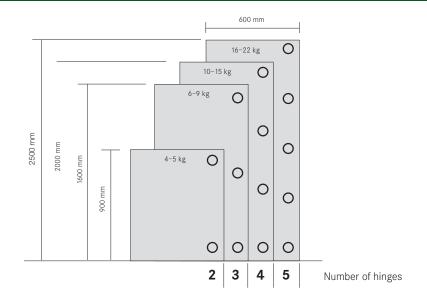
#### Number of hinges per door

Determining factors are the height and weight of the door, the quality of the material, cup and mounting plate fixing.

The load and height figures refer to standard door widths of 600 mm.

Hinges with  $\emptyset$  26 mm housing were tested with 450 mm wide doors.

In cases of uncertainty, the number of hinges should be determined with a trial installation.

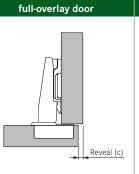


Reveal

**The reveal (c)** is the distance that should be left between two doors or between the door and side wall of the cabinet to allow sufficient space for opening the door. The required reveal width

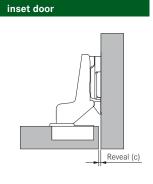
(c) depends on the thickness of the door.

Most furniture makers prefer a reveal (c) of between 3 mm and 6 mm.



Reveal 2x(c)

half-overly door



#### Required reveal

The table shows the reveal that should be left between two doors or between door and side wall to allow enough space for opening the door.

#### Example:

For a door thickness of 18 mm and a cup distance of 6 mm a gap of 0.2 mm is needed.

	Cup distance							
		3	4	5	6			
	16	0.1	0.1	0.1	0.1			
l	18	0.2	0.2	0.2	0.2			
	19	0.3	0.3	0.3	0.3			
	20	0.4	0.4	0.4	0.4			
	22	0.7	0.7	0.7	0.7			
	24	1.0	1.0	1.0	1.0			
	26	1.4	1.4	1.4	1.4			
	28	1.9	1.9	1.9	1.9			
	30	3.8	2.9	2.6	2.5			
ĺ					Re	veal	gap (	c)

#### Note

Reveal dimensions were determined with an edge radius (of the door) of 1 mm! Hinge dimensions and calculation of gap with factory setting. We recommend a trial fitting.

#### Reveal achievable with inset door

The table shows the achievable reveal for an inset door, depending on the cup distance and mounting plate height.

#### Example:

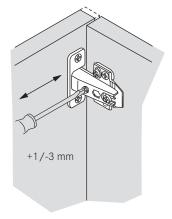
A cup distance of 4 mm results from using a mounting plate with height 04 in a reveal (c) of 2 mm. This is also called negative opening action.

# 

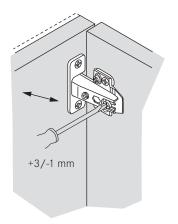
Cup distance

#### Adjustments

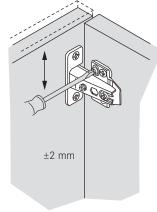
The options for height adjustment depend on the type of mounting plate. All adjustments can be carried out independently of one another.



Side adjustment



Depth adjustment

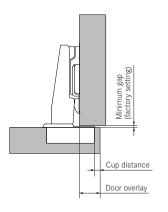


Height adjustment

#### Minimum gap - cup distance

**The minimum gap** is the gap between the closed door and the front of the cabinet.

**The cup distance** is the distance between the edge of the door and the edge of the cup hole.



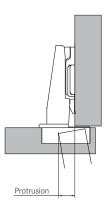
#### Example:

For a door thickness of 26 mm and a cup distance of 6 mm the minimum gap is 0.7 mm.

Cup distance								
	3	4	5	6				
16	0.5	0.5	0.5	0.5				
18	0.5	0.5	0.5	0.5				
19	0.5	0.5	0.5	0.5				
20	0.0	0.0	0.0	0.5				
22	0.5	0.5	0.5	0.5				
24	0.5	0.5	0.5	0.5				
26	0.5	0.5	0.5	0.7				
28	0.5	0.5	0.5	0.9				
30	0.5	0.5	1.1	1.1				
				Mi	nimu	m ga	р	

#### Door edge protrusion

The door edge protrusion is the amount by which the edge of the open door protrudes into the opening and varies depending on the type of hinge and method of fixing. It is stated on the respective catalogue page and refers to the stated mounting plate for the factory setting. It can be changed by changing the height of the mounting plate and operating the lateral adjustment.



#### Door overlay

The door overlay is that part of the cabinet side wall or frame that is covered by the door.

#### Example:

For a hinge with a cranking of 08, a mounting plate height of 0 and a cup distance of 5 mm, the door overlay is 10 mm.

		3	4	5	6						
Door overlay max.	11				0						
	10			0							
	9		0		2						
	8	0		2	3						
	7		2	3	4						
	6	2	3	4							
	5	3	4								
	4	4									
000					Mounting plate height (f)						

Cup distance

### **Technical information**

For Nexis Slide-on.

#### Option for changing the door overlay by selecting different crankings

Hinge cup overlay

#### by selecting a cranking

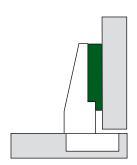
Full overlay (Cranking 00)

#### by using a different mounting plate height

# The hinge cup overlay (factory setting) plus cup distance determine the door overlay. You can find the dimensions in a table on the respective page of the catalogue.

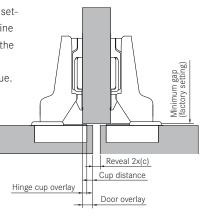
#### Full overlay

Using a hinge with a cranking of 00 and mounting plate height 00.



#### Half overlay (Cranking 08)

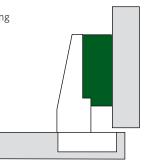
# The hinge cup overlay (factory setting) plus cup distance determine the door overlay. You can find the dimensions in a table on the respective page of the catalogue.



Door overlay

#### Half overlay

Using a hinge with a cranking of 00 and mounting plate height 08.

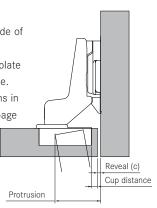


## Inset (Cranking 15)

There is no door overlay.

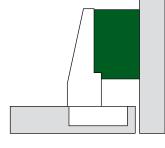
The gap (c) between the side of the cabinet and the door depends on the mounting plate height and the cup distance.

You can find the dimensions in a table on the respective page of the catalogue.



#### Inset

Using a hinge with a cranking of 00 and mounting plate height 18.



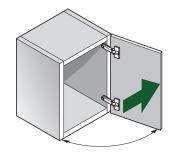
#### **Test criteria**

For hinges.



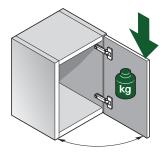
#### Structural load test (resistance to excessive pulling)

The door is opened forcefully with a defined test force. (10 x 80 N)



#### Wear test / durability test

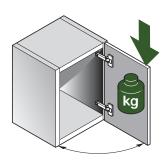
A defined additional load is imposed on the door which has to endure a certain number of opening and closing movements.  $(100,\!000 \text{ cycles with additional load } 2\times20\text{ N})$ 



max. opening angle minus 5°

#### Safety test

A defined large additional load is imposed on the door which has to endure a certain number of opening and closing movements. (300 N)



#### Salt mist test and condensate test

In accordance with DIN 50021 SS and DIN 50017



moresso

Nexis Click-on

Nexis Slide-on

Snap On

sort-close

пртапс

Inde







**SNAP ON** 3000

Timeless standard hinges for individual applications. Strength, functionality and reliability – SNAP-ON 3000 is synonymous with durability.

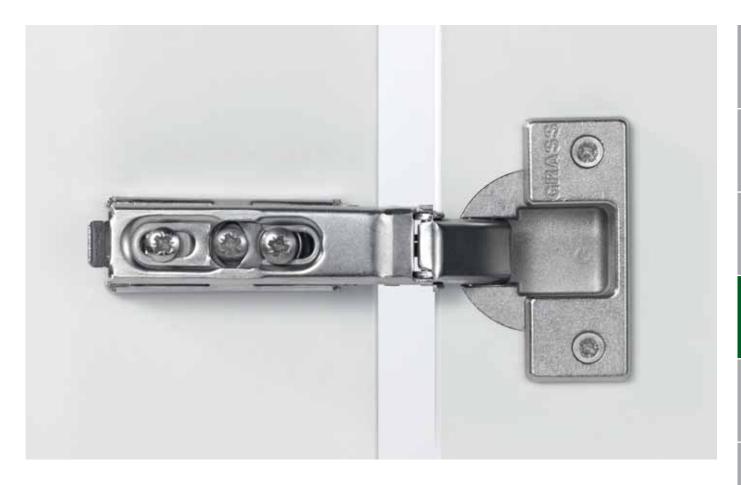




# Snap On 3000

A large number of individual design solutions.





# Snap On 3000 rapid assembly technology with a large selection of proven applications.

The Snap On 3000 series is designed for a wide range of door applications in the kitchen, bathroom and living room furniture industry. Sturdy, reliable hinges for constant daily use provide a well-rounded programme. In this hinge series, all individual load-bearing parts like pivot pins, linkages, springs and screws are hardened and nickel-plated. Snap On 3000 offers hinges for special applications such as e.g. for corner cabinets or for blind corners.

Screws or dowels can be used for fixing to the door.

Multi Lock also provides a quick-fit solution.

Fastening to the cabinet is based on the reliable Snap
On technology. Here, the hinge is positioned on the
baseplate and simply snapped into place. Installation
and removal can be performed entirely without tools.

Hardened individual components, all-metal construction
and wear-free automatic closing device withstand the
strictest in-house fatigue tests.

The positive function testing is also confirmed by LGA and CTBA certificates.

#### Snap On 3000 with Soft-close Pin

When the Soft-close Pin is used in conjunction with Snap On 3000 applications, loud cabinet door closure becomes a thing of the past. The door is gently braked and closes without a sound.

#### Snap On 3000 Multi Lock

# The classic featuring convenient rapid assembly. Simple installation and removal.

Snap On 3000 hinges with Multi Lock installation technology are fitted to the door quickly and securely. A quarter turn of the screws clockwise expands and locks the 8mm dowels. This mechanical fastening gives a secure seating and also very high pull-out resistance. The installation technology is ideal for CNC-based manufacturers.





Impresso

Nexis Click-on

Nexis Slide-on

Snap On

Soft-close

**Tipmatic** 

illuxo

Special

capinet

ssembly

Index

# **Nexis Snap On**

Product overview.

Opening angle	Drill hole	Short description	Full overlay	Half overlay	Inset	Page
110°/95°	35 mm	For standard doors  Up to 24 mm door thickness  With and without self-closing  Also with Multi Lock hinge cup				4.6
120°	35 mm	For standard doors  Up to 24 mm door thickness With and without self-closing Also with Multi Lock hinge cup				4.8
165°	35 mm	Weitwinkelscharnier  - Up to 22 mm door thickness  - Zero protrusion  - With and without self-closing  - Also with Multi Lock hinge cup				4.10
95°	35 mm	Hinge for profiled doors  Designed for profiled doors or thicker doors				4.12
95°	35 mm	+30° angle corner cabinet hinge • Für Eck- und Spezialanschläge • Bis 24 mm Door thicknes				4.14
95°	35 mm	+37.5° angle corner cabinet hinge  For angled corner cabinets and special applications  Up to 24 mm door thickness				4.16
95°	35 mm	+45° angle corner cabinet hinge  • For angled corner cabinets and special applications  • Up to 24 mm door thickness				4.18
95°	35 mm	+60° Winkelscharnier • Für Eck- und Spezialanschläge • Bis 24 mm Door thicknes				4.20
120°	35 mm	-45° angle corner cabinet hinge  • For angled corner cabinets and special applications  • Up to 22 mm door thickness				4.22
95°	35 mm	Blind corner hinge  • For protruding posts  • Up to 22 mm door thickness				4.24

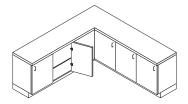
Opening angle	Drill hole	Short description	Full overlay	Half overlay	Inset	Page
95°		Aluminium frame hinge  Up to 22 mm frame thickness  Hinge fits flush with the milled aluminium profile				7.26
100°	30 mm	Glass door hinge  30 mm hinge cup For glass thicknesses 4 to 7 mm ideal für Vitrinenschränke				7.28
0100	0 0	Snap On mounting plates				4.30
83		Accessories - Spacer for cross mounting plates - Opening angle reduction clip				4.32 - 4.33
		Technical information				7.34 - 7.37
		Soft-close pin for Snap On 3000  • Air damper  • For drilling in or fitting with adapter plate		III	> <b>soft</b> close	Chapter 5 5.16
•		Tipmatic pin for Snap On 3000  For Snap On 3000 hinges without closing mechanism  For drilling in or fitting with adapter plate			III> <b>tip</b> matic	Chapter 6 6.16 6.18

110° hinge for standard doors.



- Opening angle 110°
- Up to 24 mm door thickness
- · With and without self-closing
- · Hinge arm with integrated 3-dimensional adjustment

Opening angle reduction clip for 95° on page 7.32









for screw-fixing

for press-fitting

# Full overlay

# Cranking 00



Typ 3703

Hinge arm: Zamak, nickel-plated

	Item No.	Item No.	Item No.
Hinge cup: Zamak	-	70037-34	70038-34
Hinge cup: steel	28989-34	79839-34	70039-34
without self-closing	-	12254-34	11157-34
	PU 300 pieces	PU 300 pieces	PU 300 pieces



Steel, nickel-plated, without imprint

12351-41

PU 1000 pieces, packed at 50 pieces

# Half overlay

# Cranking 08



Typ 3704

Hinge arm: Zamak, nickel-plated

	Item No.	Item No.	Item No.
Hinge cup: Zamak	-	55415-34	55416-34
Hinge cup: steel	28990-34	55411-34	55413-34
without self-closing	-	55412-34	55414-34
	PU 300 pieces	PU 300 pieces	PU 300 pieces

# Cover cap for cranking 08



Steel, nickel-plated, without imprint

55410-41

PU 1000 pieces, packed at 50 pieces

# Inset

# Cranking 18.5



Typ 3605 Opening angle 95°

Hinge arm: Zamak, nickel-plated

	Item No.	Item No.
Hinge cup: Zamak	18378-34	18380-34
	PU 300 pieces	PU 300 pieces



Steel, nickel-plated, without imprint

12354-41

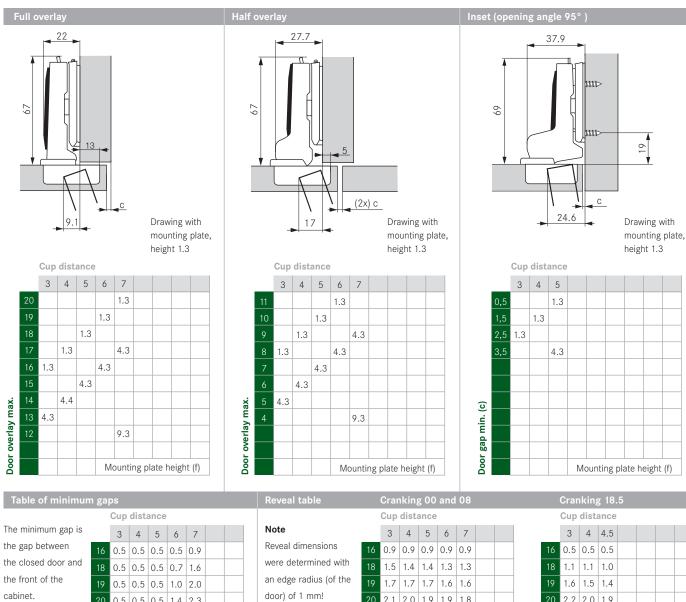
PU 1000 pieces, packed at 50 pieces

on request with individual company logo/on request with Grass imprint

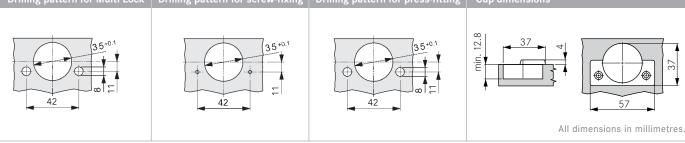
on request with Grass embossed

Mounting plates	Page 4.30 - 4.31	Soft-close pin	Page 5.16	Assembly aids	Chapter 10
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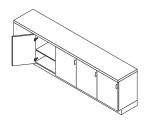




120° hinge for standard doors.



- Opening angle 120°
- Up to 24 mm door thickness
- · With and without self-closing
- Hinge arm with integrated 3-dimensional adjustment









# Full overlay

# Cranking 00



Тур 3803

Hinge arm: Zamak, nickel-plated

	Item No.	Item No.	Item No.
Hinge cup: Zamak	-	12341-34	12344-34
Hinge cup: steel	28992-34	79840-34	70042-34
without self-closing	-	12340-34	12343-34
	PU 300 pieces	PU 300 pieces	PU 300 pieces

## Cover cap for cranking 00

## Item N



Steel, nickel-plated, without imprint

12351-41

PU 1000 pieces, packed at 50 pieces

# Half overlay

# Cranking 08



Typ 3804

Hinge arm: Zamak, nickel-plated

	Item No.	Item No.	Item No.
Hinge cup: Zamak	-	12636-34	12640-34
Hinge cup: steel	28991-34	12634-34	12638-34
without self-closing	-	12635-34	12639-34
	PU 300 pieces	PU 300 pieces	PU 300 pieces

## Cover cap for cranking 08

## Item No



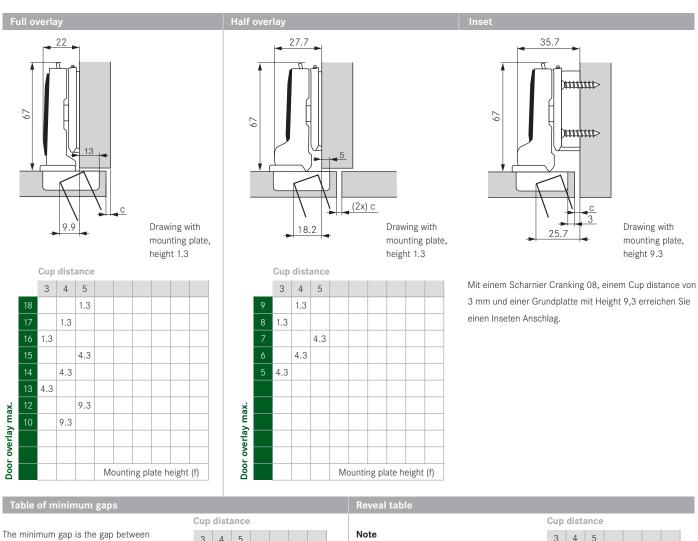
Steel, nickel-plated, without imprint

55410-41

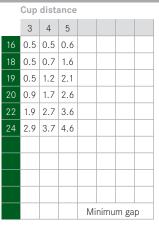
PU 1000 pieces, packed at 50 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

Mounting plates	Page 4.30 - 4.31	Soft-close pin	Page 5.16	Assembly aids	Chapter 10
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the closed door and the front of the cabinet.

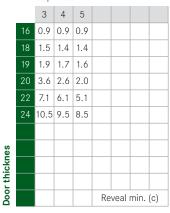


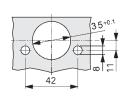
Door thicknes

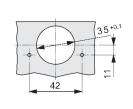
Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

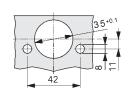
Hinge dimensions and calculation of reveal with factory setting.

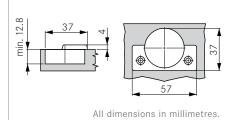
We recommend a trial fitting.











# 165° wide-angle hinge.



- Opening angle 165°
- Up to 22 mm door thickness
- Zero protrusion when door opened 90° using full overlay hinge
- Min. reveal 0 mm up to 22 mm door thickness
- · With and without self-closing
- · Hinge arm with integrated 3-dimensional adjustment

Opening angle reduction clip for 135° on page 7.32







Multi Lock

for screw-fixing

Full overlay

# Cranking 00



# Typ 3903

Hinge arm: Zamak, nickel-plated Hinge cup: Zamak, nickel-plated

	Item No.	Item No.	Item No.
	28993-33	90110-33	09897-33
without self-closing	-	12346-33	11154-33
	PU 150 pieces	PU 150 pieces	PU 150 pieces

# Steel, nickel-plated,



without imprint

80322-41

PU 1000 piecespacked at 50 pieces

# Half overlay

# Cranking 08



# Typ 3904

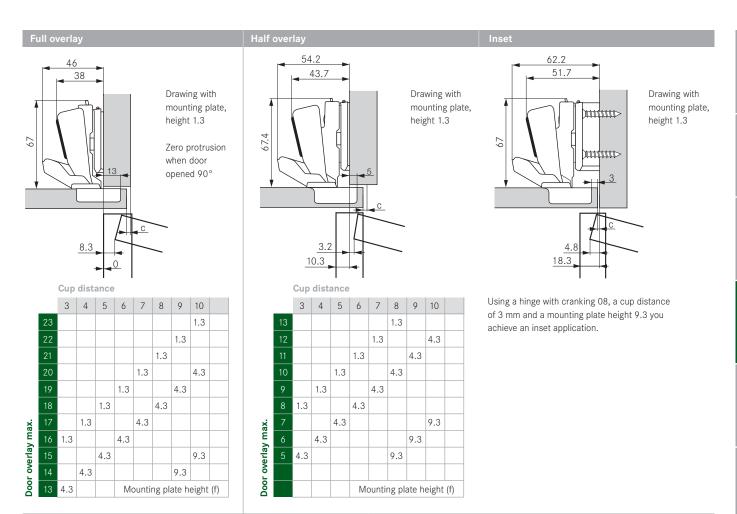
Hinge arm: Zamak, nickel-plated Hinge cup: Zamak, nickel-plated

	Item No.	Item No.	Item No.
	28994-33	18503-33	18504-33
without self-closing	-	18521-33	18522-33
	PU 150 pieces	PU 150 pieces	PU 150 pieces

- on request with individual company logo
- on request with Grass imprint
- on request with Grass embossed

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# Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

	Cup distance						
	3	4	5	6	8	10	
16	0.5	0.5	0.5	0.5	0.5	0.5	
18	0.5	0.5	0.5	0.5	0.5	0.5	
19	0.5	0.5	0.5	0.5	0.5	0.5	
20	0.5	0.5	0.5	0.5	0.5	0.5	
22	0.5	0.5	0.5	0.5	0.5	0.5	
23	0.5	0.5	0.5	0.5	0.5	0.5	
24	0.5	0.5	0.5	0.5	0.5	0.5	
				Minimum gap			

Door thicknes

## Reveal table

# Reveal dimensions were determined

with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of reveal with factory setting.

We recommend a trial fitting.

		3	4	5	6	7	8	9	10	
	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	22	0.3	0.3	1.1	2.8	2.6	2.0	1.3	0.8	
	24	8.6	7.7	6.7	5.7	4.7	3.9	3.2	2.6	
מ										
CHICKIES										
5					Reveal min. (c)					

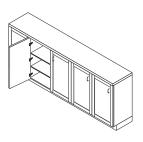
Cup distance

Bohrbild Multi Lock	Drilling pattern for screw-fixing	Drilling pattern for press-fitting	Cup dimensions
35+0.1	35+0.1	35+0.1	All dimensions in millimetres

95° profiled door hinge for doors up to 35 mm thick.



- Opening angle 95°
- Door thickness max. 25mm (with an edge radius (of the door) of 1 mm)
- For door thickness 25 35 mm keep the shown door profiles
- · Hinge cup distance max. 4.5mm
- Self-closing
- Hinge arm with integrated 3-dimensional adjustment







for screw-fixing

# Full overlay

# Cranking 00



# Typ 3606

Hinge arm: Zamak, nickel-plated Hinge cup: Zamak, nickel-plated

Item No.	Item No.
18481-34	18482-34
PU 300 pieces	PU 300 pieces

## Cover cap for cranking 00

# \* \*\*

Steel, nickel-plated, without imprint

55410-41

PU 1000 pieces, packed at 50 pieces

## Inset

# Cranking 18.5



Тур 3608

Hinge arm: Zamak, nickel-plated Hinge cup: Zamak, nickel-plated

Item No.	Item No.
18483-34	18484-34
PU 300 pieces	PU 300 pieces

# Cover cap for cranking 18.5



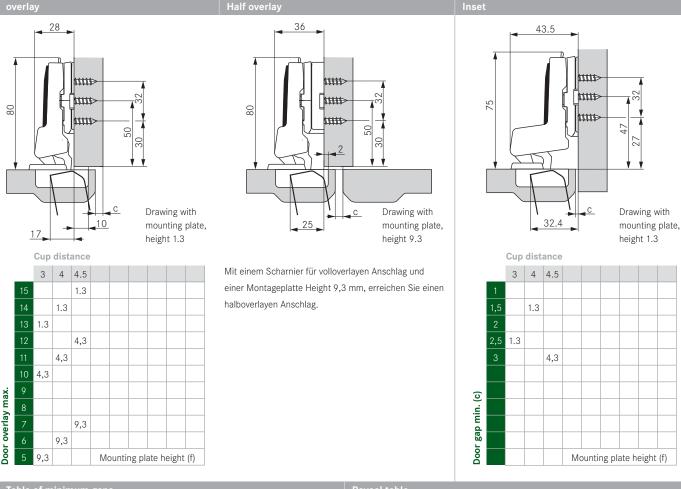
Steel, nickel-plated, without imprint

Item No. 12354-41

PU 1000 pieces, packed at 50 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

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# Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

	Cup	dist	ance	
	3	4	4.5	
16	1.6	2.6	3.1	
18	1.8	2.7	3.2	
19	1.8	2.8	3.3	
20	1.9	2.9	3.4	
22	2.1	3.1	3.6	
24	2.3	3.3	3.8	
26	2.4	3.4	3.9	
28	2.6	3.6	4.1	
30	2.8	3.8	4.3	
32	3.0	4.0	4.5	
34	3.1	4.1	4.6	
35	3.2	4.2	4.7	Minimum gap

Door thicknes

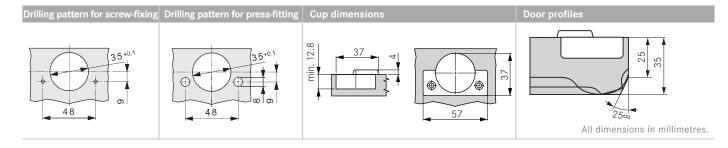
Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of reveal with factory setting.

We recommend a trial fitting.

		3	4	4.5	
16 -	25	0.0	0.0	0.0	
26 -	- 27	0.1	0.1	0.1	
	28	0.7	0.2	0.2	
	29	1.8	0.8	0.4	
	30	2.9	1.9	1.4	
	31	4.0	3.0	2.5	
	32	5.0	4.0	3.5	
es	33	6.1	5.1	4.6	
ickn	34	7.2	6.2	5.7	
Door thicknes	35	8.3	7.3	6.8	
oo T					Reveal min. (c)

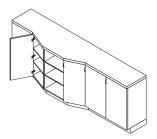
Cup distance



+30° angle corner cabinet hinge, half overlay.



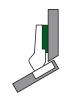
- For 30° angle corner cabinets
- Opening angle 95°
- Door thickness max. 24 mm
- Self-closing
- Hinge arm with integrated 3-dimensional adjustment







# Half overlay



# Typ 3403 / 30°

Hinge arm: Zamak, nickel-plated Hinge cup: Zamak, nickel-plated

Item No.	Item No.
16376-33	16378-33
PU 150 pieces	PU 150 pieces

\* \*\*

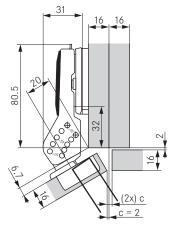
Steel, nickel-plated, without imprint

12351-41

PU 1000 pieces, packed at 50 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

Mounting plates	Page 4.30 - 4.31	Soft-close pin	Page 5.16	Assembly aids	Chapter 10
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Drawing with mounting plate, height 4.3

# Table of minimum gaps

The minimum gap is the gap between  $% \left\{ 1,2,...,n\right\}$ the closed door and the front of the cabinet.

	Cup distance							
	3	4	5	5,5				
16	0.0	0.0	0.0	0.0				
18	0.0	0.0	0.0	0.0				
19	0.0	0.0	0.0	0.0				
20	0.0	0.0	0.0	0.0				
22	0.0	0.0	0.1	0.2				
23	0.6	0.7	0.8	0.9				
24	1.2	1.4	1.5	1.6				
				Minimum gap				

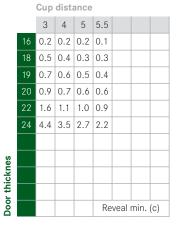
# Note

Reveal table

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

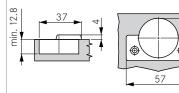
Hinge dimensions and calculation of reveal with factory setting.

We recommend a trial fitting.



Door thicknes

Cup dimensions



All dimensions in millimetres.

+37.5° angle corner cabinet hinge, half overlay.



- For 37.5° angle corner cabinets
- Opening angle 95°
- Door thickness max. 24 mm
- Self-closing
- Hinge arm with integrated 3-dimensional adjustment







for screw-fixing

Half overlay



# Typ 3403 / 37,5°

Hinge arm: Zamak, nickel-plated Hinge cup: Zamak, nickel-plated

Item No.	Item No.
18866-33	18868-33
PU 150 pieces	PU 150 pieces

\* \*\*

Steel, nickel-plated, without imprint

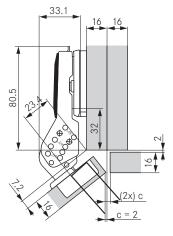
12351-41

PU 1000 pieces, packed at 50 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

Mounting plates	Page 4.30 - 4.31	Soft-close pin	Page 5.16	Assembly aids	Chapter 10
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## Half overlay



Drawing with mounting plate, height 4.3

# Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

Cup distance							
	3	4	5	5,5			
16	0.0	0.0	0.0	0.0			
18	0.0	0.0	0.0	0.0			
19	0.0	0.0	0.0	0.0			
20	0.0	0.0	0.0	0.0			
22	0.1	0.4	0.7	0.9			
23	0.7	1.0	1.3	1.5			
24	1.3	1.6	1.9	2.1			
				Minimum gap			

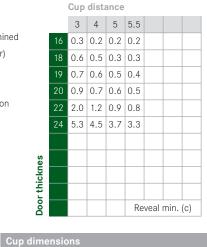
# Reveal table

## Note

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of reveal with factory setting.

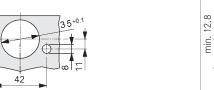
We recommend a trial fitting.

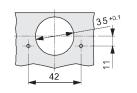


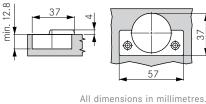
# Drilling pattern for screw-fixing version

Door thicknes

## Drilling pattern for press-fitting version







+45° angle corner cabinet hinge, half overlay.



- For 45° angle corner cabinets
- Opening angle 95°
- Door thickness max. 24 mm
- With and without self-closing
- Hinge arm with integrated 3-dimensional adjustment







for screw-fixing

# Half overlay



# Typ 3403 / 45°

Hinge arm: Zamak, nickel-plated Hinge cup: Zamak, nickel-plated

	Item No.	Item No.
	16380-33	16382-33
without self-closing	16381-33	16383-33
	PU 150 pieces	PU 150 pieces

\* \*\*

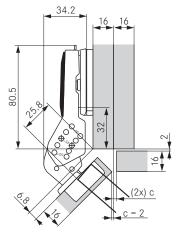
Steel, nickel-plated, without imprint

Item No. 12351-41

PU 1000 pieces, packed at 50 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

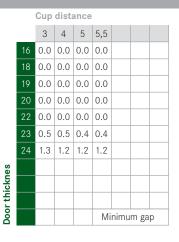
Mounting plates	Page 4.30 - 4.31	Soft-close pin	Page 5.16	Assembly aids	Chapter 10
Accessories	Page 4.32 - 4.33	Tipmatic pin	Page 6.14	Technical Information	Page 4.34 - 4.37



Drawing with mounting plate, height 4.3

# Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

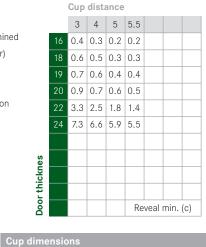


# Reveal table

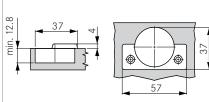
Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of reveal with factory setting.

We recommend a trial fitting.



# 12.8



+60° angle corner cabinet hinge, half overlay.



- For 60° angle corner cabinets
- Opening angle 95°
- Door thickness max. 24 mm
- Self-closing
- Hinge arm with integrated 3-dimensional adjustment

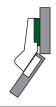






for screw-fixing

# Half overlay



# Typ 3403 / 60°

Hinge arm: Zamak, nickel-plated Hinge cup: Zamak, nickel-plated

Item No.	Item No.
16384-33	16386-33
PU 150 pieces	PU 150 pieces

\* \*\*

Steel, nickel-plated, without imprint

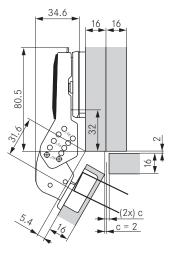
12351-41

PU 1000 pieces, packed at 50 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

Mounting plates	Page 4.30 - 4.31	Soft-close pin	Page 5.16	Assembly aids	Chapter 10
Accessories	Page 4.32 - 4.33	Tipmatic pin	Page 6.14	Technical Information	Page 4.34 - 4.37

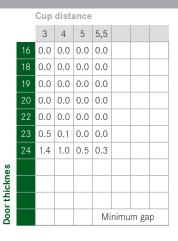
## Half overlay



Drawing with mounting plate, height 4.3

# Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.



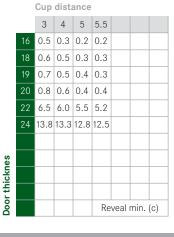
# Reveal table

## Note

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

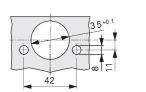
Hinge dimensions and calculation of reveal with factory setting.

We recommend a trial fitting.

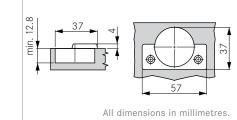


# Drilling pattern for screw-fixing version

## Drilling pattern for press-fitting version



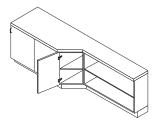




-45° angle corner cabinet hinge, half overlay.



- For -45° angle corner cabinets
- Opening angle 120°
- Door thickness max. 22 mm
- Self-closing
- Hinge arm with integrated 3-dimensional adjustment







# Half overlay



# Typ 3203 / -45°

Hinge arm: Zamak, nickel-plated Hinge cup: Zamak, nickel-plated

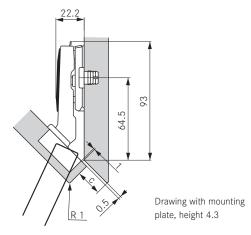
Item No.	Item No.
24182-34	24181-34
PU 300 pieces	PU 300 pieces

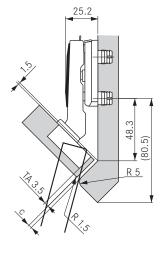
Cover cap		Item No.
* **	Steel, nickel-plated,	12351-41
	without imprint	PU 1000 pieces, packed at 50 pieces

- $^{\star}$   $~^{\star\star}$  on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

Mounting plates	Page 4.30 - 4.31	Soft-close pin	Page 5.16	Assembly aids	Chapter 10
Accessories	Page 4.32 - 4.33	Tipmatic pin	Page 6.14	Technical Information	Page 4.34 - 4.37

Half overlay Inset





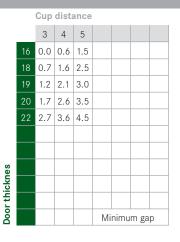
Drawing with mounting plate, height 4.3

With a cup distance of 3.5 mm and a mounting plate height 4.3 you achieve an inset application.

We recommend a trial fitting.

# Table of minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.



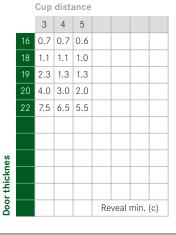
# Reveal table

# Note

Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of reveal with factory setting.

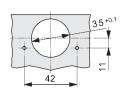
We recommend a trial fitting.

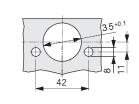


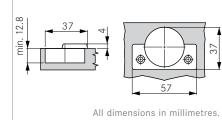
## Drilling pattern for screw-fixing version

## Drilling pattern for press-fitting versio

# Cup dimensions



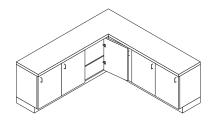




# 95° blind corner hinge, inset



- For direct mounting on protruding post
- Opening angle 95°
- Door thickness max. 22 mm
- With and without self-closing
- Hinge arm with integrated 3-dimensional adjustment





for screw-fixing



# Inset

Typ 3303



Hinge arm: Zamak, nickel-plated Hinge cup: Zamak, nickel-plated

	Item No.	Item No.
	11511-33	11606-33
without self-closing	11609-33	11604-33
	PU 150 pieces	PU 150 pieces

## Cover cap



Steel, nickel-plated, without imprint

Item No. 12351-41

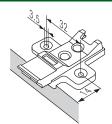
PU 1000 pieces, packed at 50 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

# Cross mounting plate for blind corner hinge



- · Zamak, nickel-plated
- For fixing with wood screws
- Fixing distance 14 mm
- · Line boring 32 mm

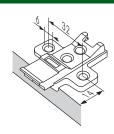


Height	Item No.
4,3	11704-53
packed at 50 pieces	PU 500 pieces

# Cross mounting plate for blind corner hinge



- · Zamak, nickel-plated
- · For fixing with Euro screws
- Fixing distance 14 mm
- Line boring 32 mm



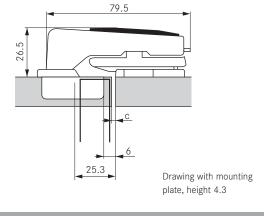
# For Euro screws

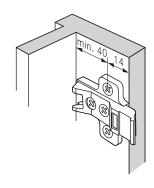
For screw fixing

Height	Item No.
4,3	55677-53
packed at 50 pieces	PU 500 pieces

Accessories	Page 4.32 - 4.33	Soft-close pin	Page 5.16	Assembly aids	Chapter 10
		Tipmatic pin	Page 6.14	Technical Information	Page 4.34 - 4.37







## Reveal table

## Note

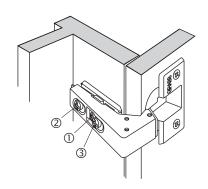
Reveal dimensions were determined with an edge radius (of the door) of 1 mm!

Hinge dimensions and calculation of reveal with factory setting.

We recommend a trial fitting.

	Cup	dista	ance				
	3	4	5	5.5			
16	0.5	0.5	0.5	0.5			
18	0.5	0.5	0.5	0.5			
19	0.5	0.5	0.5	0.5			
20	0.9	0.8	0.8	0.7			
22	2.3	2.0	1.7	1.6			
				Re	veal	min.	(c)

## Adjustments





Height adjustment ±2 mm

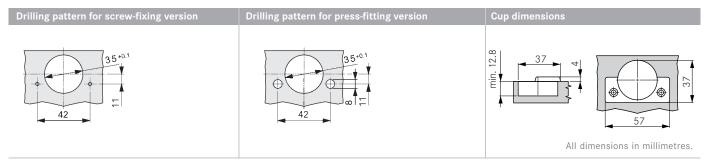


Side adjustment ±2 mm



Depth adjustment ±2 mm

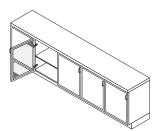
All adjustment options are independent of one another.



# 95° aluminium frame hinge.



- Opening angle 95°
- Frame thickness max. 22 mm
- · Hinge fits flush with the milled aluminium profile
- With and without self-closing
- · Hinge arm with integrated 3-dimensional adjustment
- $^{\bullet}$  Fixing screws 3,5 x 9,5 mm are included



# Half overlay Cranking 00 Typ 3103 29035-34

Hinge arm: Zamak, nickel-plated	without self-closing	48649-34	
Hinge cup: Zamak, nickel-plated		PU 300 pieces	

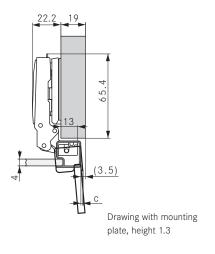
Cover cap		Item No.
* **	Steel, nickel-plated,	12351-41
	without imprint	PU 1000 pieces, packed at 50 pieces

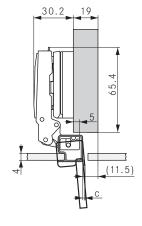
- \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- on request with Grass embossed

12351-41
PU 1000 pieces, packed at 50 pieces

Mounting plates	Page 4.30 - 4.31	Soft-close pin	Page 5.16	Assembly aids	Chapter 10
Accessories	Page 4.32 - 4.33	Tipmatic pin	Page 6.14	Technical Information	Page 4.34 - 4.37

# Half overlay





Drawing with mounting plate, height 9.3

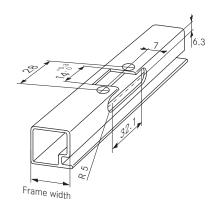
		_		_					
	13	1.3							
	10	4.3							
	5	9.3							
×									
E									
rla S									
o Ve									
Door overlay max.				Mounting plate height (f)					

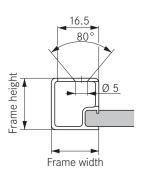
	Frame width			
	19	20	21	22
Reveal min. (c)	1,9	1,6	1,5	1,4
Minimum gap	0,0	0,1	1,1	2,1

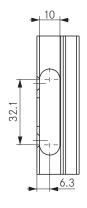
We recommend a trial fitting.

Hinge dimensions and calculation of reveal with factory setting.

# Fitting dimensions







All dimensions in millimetres.

# **Nexis Click-on**

100° glass door hinge.



- Glass door hinge, 30 mm cup
- For glass thicknesses 4 to 7 mm
- Opening angle 100°
- With and without self-closing
- Hinge arm with integrated 3-dimensional adjustment
- Minimum gap 1 mm

# Important:

Not suitable for satined glass!



Full overlay	Cranking 00



# Typ 3503

Hinge arm: Zamak, nickel-plated Hinge cup: black plastic

	Item No.
	50110-34
without self-closing	12347-34
	PU 300

# Cover cap for cranking 00



Steel, nickel-plated, without imprint

12351-41

PU 1000 pieces, packed at 50 pieces

# Inset Cranking 18.5



# Typ 3505

Hinge arm: Zamak, nickel-plated Hinge cup: black plastic

	Item No.
	50111-34
without self-closing	12348-34
packed at 50 pieces	PU 300

# Cover cap for cranking 18.5



Steel, nickel-plated, without imprint

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- \* on request with Grass embossed

## Item No.

12354-41

PU 1000 pieces, packed at 50 pieces

# Decorative cover caps

Colour	Item No.	Item No.
black	84221-41	84225-41
nickel	83585-41	83823-41
gold	83584-41	83836-41

PU 50 pieces

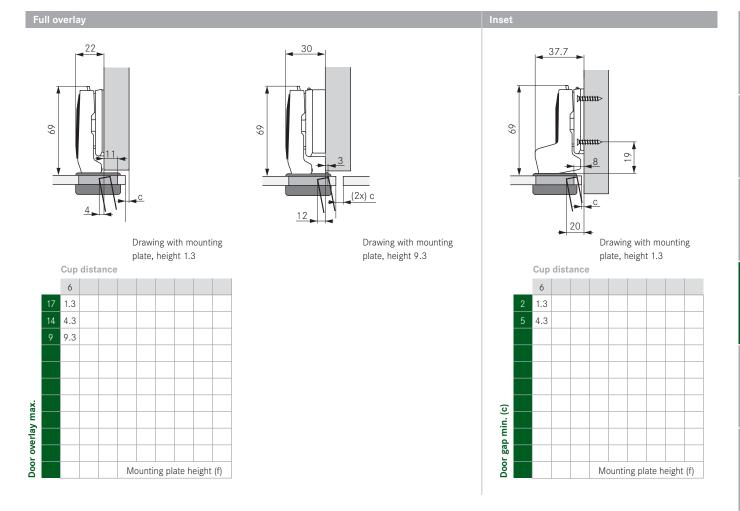
Material ABS, bright finish.

PU = packaging unit

PU 50 pieces

Mounting plates	Page 4.30 - 4.31	Soft-close pin	Page 5.16	Assembly aids	Chapter 10
Accessories	Page 4.32 - 4.33	Tipmatic pin	Page 6.16	Technical Information	Page 4.34 - 4.37

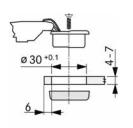
Index



We recommend a trial fitting.

Hinge dimensions and calculation of reveal with factory setting.

# Dimensions

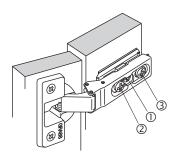


Fixing the hinge cups: use screws Ø 2,9 x 11 mm (screws included)

All dimensions in millimetres.

# **Snap On mounting plates**

For Snap On 3000 hinges.









Side adjustment ±2 mm



Depth adjustment ±2 mm

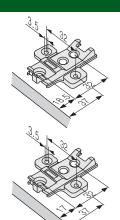
All adjustment options are independent of one another.

For screw fixing

# Cross mounting plate



- · Zamak, nickel-plated
- For fixing with wood screws
- Fixing distance 37 mm
- · Line boring 32 mm
- For gap 0,5 mm
- · Zamak, nickel-plated
- · For fixing with wood screws
- Fixing distance 37 mm
- Line boring 32 mm
- For gap 2 mm



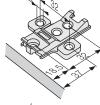
I	Height	Item No.	Item No.
	1.3	18126-41	18126-54*
	4.3	18127-41	18127-53
	9.3	18128-41	18128-53
	PU	50 pieces	500/1000* pieces at 50

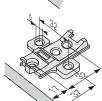
Height	Item No.	Item No.
1.3	10759-41	10759-54*
4.3	10763-41	10763-53
9.3	10767-41	10767-53
PU	50 pieces	500/1000* pieces at50

# Cross mounting plate



- · Zamak, nickel-plated
- · For fixing with Euro screws
- Fixing distance 37 mm
- Line boring 32 mm
- For gap 0,5 mm





# For Euro screws

Height	Item No.	Item No.
1.3	16901-41	16901-54*
4.3	16902-41	16902-53
9.3	16903-41	16903-53
PU	50 pieces	500/1000* pieces at 50

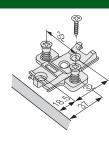
Height	Item No.	Item No.
1.3	10761-41	10761-54*
4.3	10765-41	10765-53
9.3	10769-41	10769-53
PU	50 pieces	500/1000* pieces at 50

- · Zamak, nickel-plated
- For fixing with Euro screws
- Fixing distance 37 mm
- Line boring 32 mm
- For gap 2 mm





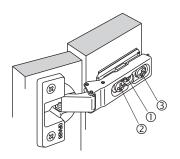
- · Zamak, nickel-plated
- For fixing with pre-mounted short Euro screws
- Fixing distance 37 mm
- Line boring 32 mm
- For gap 0,5 mm



# With pre-mounted shorter Euro screws

Height	Item No.	Item No.
1.3	38043-41	38043-53
4.3	38902-41	38902-53
PU	50 pieces	500 pieces at 50









PU

1.3

4.3

9.3

PU



Side adjustment Depth adjustment  $\pm 2 \ mm$ ±2 mm

16904-53

16905-53

16906-53

500 pieces at 50

All adjustment options are independent of one another.

50 pieces

With pre-mounted Euro screws

16904-41

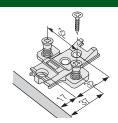
16905-41

16906-41

50 pieces

# Cross mounting plate for twin application

- · Zamak, nickel-plated
- · For fixing with pre-mounted short Euro screws
- · Fixing distance 37 mm
- Line boring 32 mm
- For gap 2 mm



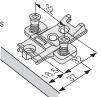
## Item No. 1.3 38042-41

With pre-mounted shorter Euro screws

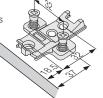
# Cross mounting plate



- · Zamak, nickel-plated
- For fixing with pre-mounted Euro screws
- Fixing distance 37 mm
- Line boring 32 mm
- For gap 0,5 mm

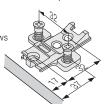


- · Zamak, nickel-plated
- For fixing with pre-mounted Euro screws
- Line boring 32 mm
- For gap 2 mm

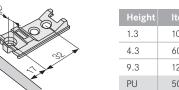


Height	Item No.	Item No.
1.3	12643-41	12643-53
4.3	10191-41	10191-53
9.3	17672-41	17672-53
PU	250 pieces at 50	500 pieces at 50

- Fixing distance 37 mm



# For screw fixing

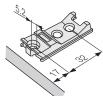


Height	Item No.	Item No.			
1.3	10717-41	10717-54*			
4.3	60174-41	60174-54*			
9.3	12355-41	12355-53			
PU	50 pieces	500/1000* pieces at 50			

# Linearmontageplatte



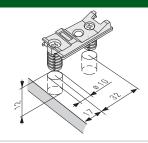
- · Zamak, nickel-plated
- For fixing with wood screws
- For gap 2 mm



# Linearmontageplatte



- Zamak, nickel-plated
- · For fixing with dowels
- For gap 2 mm



# With dowels

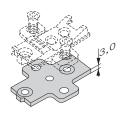
Height	Item No.	Item No.
1.3	10721-41	10721-54*
4.3	60176-41	60176-53
9.3	11519-41	11519-53
PU	50 pieces	500/1000* pieces at 50

# **Accessories**

For Snap On 3000 hinges.

# Distance plate for cross mounting plates





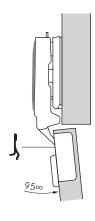
Item No.	Item No.		
10129-41	10129-54		
PU 50 pieces	PU 1000* pieces at 50		

# 7,5° distance plate for cross mounting plates



Die 7,5° abgeschrägte Unterlegplatte Ermöglicht vielfältige Winkelvarianten für Eckschranklösungen. Stapelbar, Kunststoff grau, RAL 7004 Item No. 38314-41 PU 50 pieces

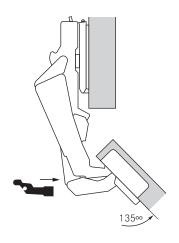
# Opening angle reduction clip for 95°



Opening angle reduction to 95°
For 110° standard door hinges, page 7.8
Prevents doors from colliding with fronts
or walls in corner installations.
Black plastic

Item No. 80149-41 PU 50 pieces

# Opening angle reduction clip for 135°



Opening angle reduction to 135° For 165° wide-angle hinges, page 7.12 Prevents doors from colliding with fronts or walls in corner installations. Black plastic

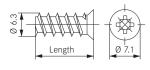
11590-42 PU 100 pieces

# ndex

# Fixing screws

# 191 / 192 Euro screw, nickel-plated

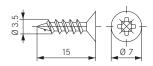




Item No. / Ø 6.3 x 10.5 mm	Item No. /Ø 6.3 x 13
711.331.61.9715	707.331.61.9715
PU 5000 pieces	PU 1000 pieces

# 198 Chipboard screw, nickel-plated





Item No.	/Ø	3.5	15	mm	
707.333.5	1.97	15			

PU 1000 pieces

# **Technical information**

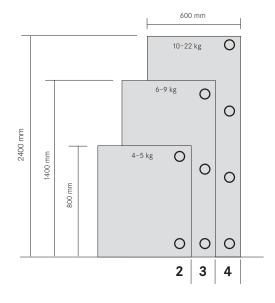
for Snap On 3000.

# Number of hinges per door

Determining factors are the height and weight of the door, the quality of the material, cup and mounting plate fixing.

The load and height figures refer to standard door widths of 600 mm.

In cases of uncertainty, the number of hinges should be determined with a trial installation.



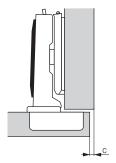
Half overly door

Number of hinges

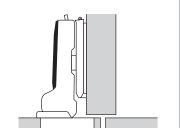
# Reveal

# The reveal (c) is the distance that should be left between two doors or between the door and side wall of the cabinet to allow sufficient space for opening the door. The required reveal width (c) depends on the thickness of the door. Most furniture makers prefer a reveal (c)

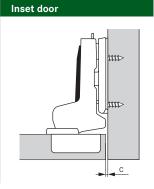
between 3 mm and 6 mm



Full overlay door



(2x) c



# Required reveal

The table shows the reveal that should be left between two doors or between door and side wall to allow enough space for opening the door.

# Example:

For a door thickness of 18 mm and a cup distance of 5 mm a gap of 1.4 mm is needed.

	3	4	5				
16	0.9	0.9	0.9				
18	1.4	1.4	1.4				
19	1.9	1.7	1.6				
20	3.6	2.6	2.0				
22	7.1	6.1	5.1				
24	10.5	9.5	8.5				
	Reveal r						(c)

# Note

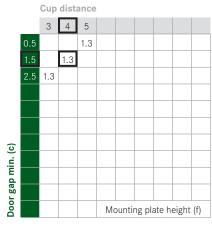
Reveal dimensions were determined with an edge radius (of the door) of 1 mm! Hinge dimensions and calculation of reveal based on factory setting. We recommend a trial fitting.

# Reveal achievable with inset door

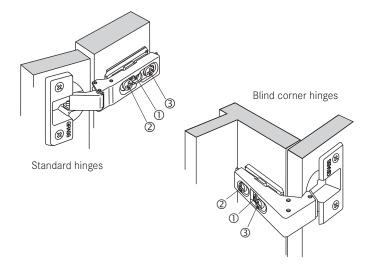
The table shows the achievable reveal for an inset door, depending on the cup distance and mounting plate height.

# Example:

A cup distance of 4 mm results from using a mounting plate with height 1.3 in a reveal (c) of 1.5 mm. This is also called negative opening action.



# Adjustments









Height adjustment ±2 mm

Side adjustment ±2 mm

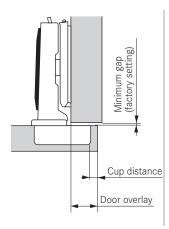
Depth adjustment ±2 mm

All adjustment options are independent of one another.

# Minimum gap – Cup distance

**The minimum gap** is the gap between the closed door and the front of the cabinet.

**The cup distance** is the distance between the edge of the door and the edge of the cup hole.



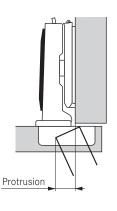
## Example:

For a door thickness of 19 mm and a cup distance of 5 mm the minimum gap is 1.7 mm.

	Cup distance									
		3	4	5						
	16	0.5	0.5	0.5						
	18	0.5	0.7	1.2						
	19	0.5	1.2	1.7						
	20	0.9	1.7	2.2						
	22	1.9	2.7	3.2						
	24	2.9	3.7	4.2						
es										
ickr										
Door thicknes										
8					Mi	Minimum gap				

# Door edge protrusion

The door edge protrusion is the amount by which the edge of the open door protrudes into the opening and varies depending on the type of hinge and method of fixing. It is stated on the respective catalogue page and refers to the stated mounting plate for the factory setting. It can be changed by changing the height of the mounting plate and operating the lateral adjustment.



# Door overlay

The door overlay is that part of the cabinet side wall or frame that is covered by the door.

# Example:

For a hinge with a cranking of 08, a mounting plate height of 4.3 and a cup distance of 4 mm, the door overlay is 14 mm.

		3	4	5							
	18			1.3							
Door overlay max.	17		1.3								
	16	1.3									
	15			4.3							
	14		4.3								
	13	4.3									
	12			9.3							
	10		9.3								
Š											
Doo					М	Mounting plate height (f)					

Cup distance

# **Technical information**

for Snap On 3000.

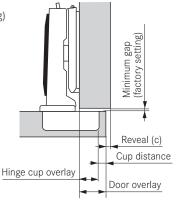
# Option for changing the door overlay by selecting different crankings

# by selecting a cranking

## by using a different mounting plate height

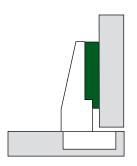
# Full overlay (Cranking 00)

The cup protrusion (factory setting) plus cup distance determine the door overlay. You can find the dimensions in a table on the respective page of the catalogue.



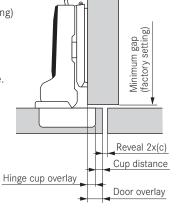
# Full overlay

Using a hinge with a cranking of 00 and mounting plate height 1.3.



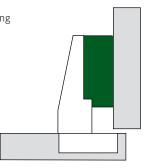
# Half overlay (Cranking 08)

The cup protrusion (factory setting) plus cup distance determine the door overlay. You can find the dimensions in a table on the respective page of the catalogue.



# Half overlay

Using a hinge with a cranking of 00 and mounting plate height 9.3.

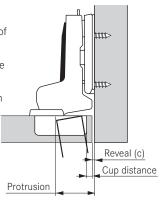


# Inset (Cranking 18.5)

There is no door overlay.

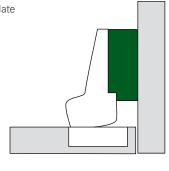
The gap (c) between the side of the cabinet and the door depends on the mounting plate height and the cup distance.

You can find the dimensions in a table on the respective page—of the catalogue.



# Inset

Using a hinge with a cranking of 08 and mounting plate height 9.3.



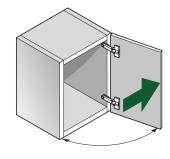
# **Test criteria**

for hinges.



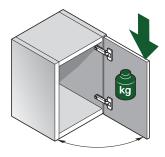
# Structural load test (resistance to excessive pulling)

The door is opened forcefully with a defined test force. (10 x 80 N)



# Wear test / durability test

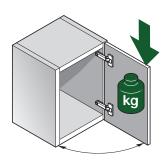
A defined additional load is imposed on the door which has to endure a certain number of opening and closing movements.  $(100,\!000 \text{ cycles with additional load } 2 \times 20 \text{ N})$ 



max. opening angle minus 5°

# Safety test

A defined large additional load is imposed on the door which has to endure a certain number of opening and closing movements. (300 N)



# Salt mist test and condensate test

In accordance with DIN 50021 SS and DIN 50017



mpresso

Nexis Click-on

Nexis Slide-on

Snap On 3000

Soft-clos

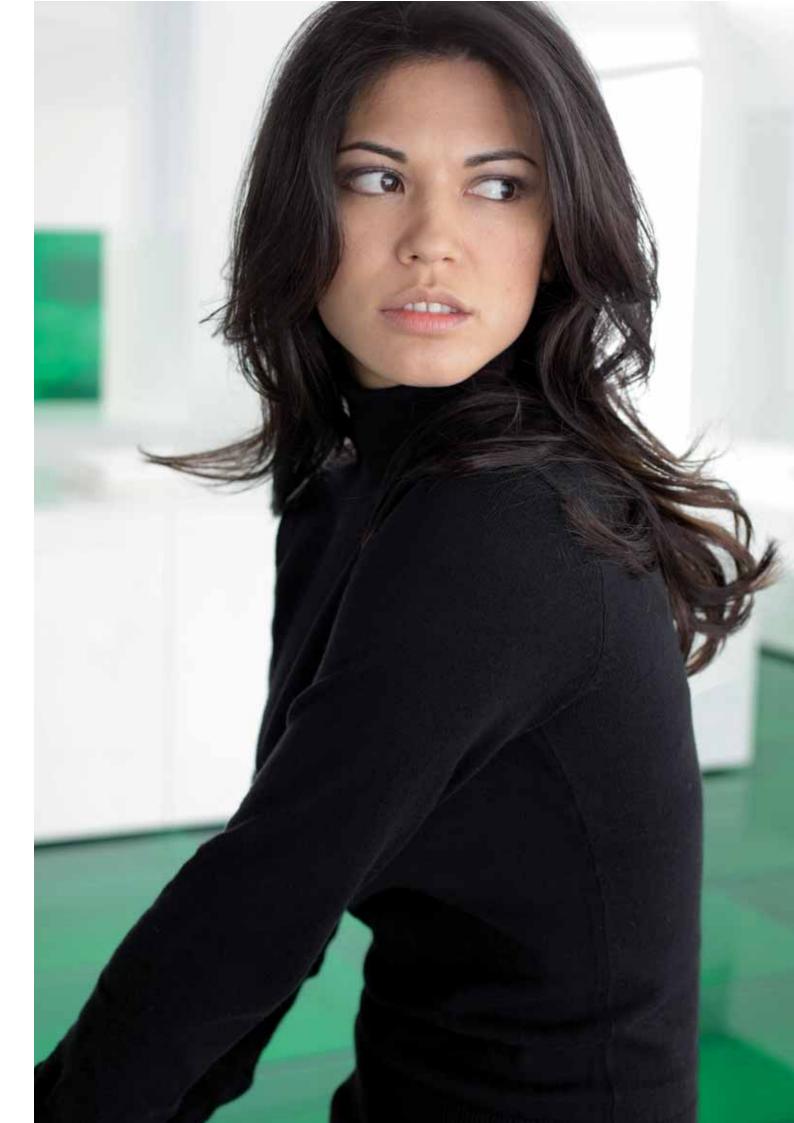
Tipmatic

Illuxo

Special

Cabinet ccessorie

ssembly aids







# **SOFT**-CLOSE

The unique hinge damping system.
Soft-close gently slows down the movement and the door is pulled to, softly and quietly.
It is comfortable, quiet and suitable for retrofit.





# **Soft-close for hinges**

The unique hinge damping system for furniture doors.







Elegant design and fascinating technology. The perfect combination of the Nexis Impresso, Nexis Click-on, Nexis Slide-on, and Snap On 3000 hinge series with Soft-close.

For applications in kitchens, bathrooms or living areas - where you want quiet operation of doors. Closing a furniture door with Soft-close is something special. Soft-close can always be combined with hinges from the different hinge series- either right from the start or as an upgrade.

Quickly, reliably and completely without tools. This technology is fascinating and provides a new definition of what closing furniture doors means: the movement is gently cushioned and the furniture door closes itself softly and quietly - the perfect balance of form and function. The number of Soft-close dampers per door depends on its size and weight. Please refer to the recommendations

in the tables on the hinge pages. The optional Soft-close damper can be used for almost all hinges in the different hinge series. See also the notes in the hinge descriptions on the product pages. Particularly attractive: Soft-close Mirro for soft-closing glass and mirror doors. Special solutions are available for framed doors in wood and aluminium.

This comprehensive damping concept has been tested by the LGA and TÜV, and offers numerous application options.

For the Click-on and Slide-on series a hinge cup cover cap matching the Soft-close Click-on design for hinges without damper looks stylish and complements the elegant design.

**III> soft**close

Impresso

Nexis Click-on

Nexis Slide-on

Snap On

Soft-close

IIpmatic

ndex



# **Soft-close**

Product overview.



		Page
	Soft-close Impresso damper  • For many hinges in the Nexis Impresso series  • Fit and remove without tools	4.6
	⊪> <b>soft</b> close	
	Soft-close Click-on damper  For many hinges in the Nexis Click-on series  Fit and remove without tools	4.8
	⊪> <b>soft</b> close	
	Soft-close 170° damper  • For Nexis 170° wide-angle hinges  • Fit and remove without tools	4.10
	⊪> <b>soft</b> close	
	Soft-close Mirro damper  • For Mirro glass door and mirror door hinges  • Easy mounting without tools	4.11
	⊪> <b>soft</b> close	
T. L.	Soft-close ACC damper  • For framed doors in wood and aluminium  • Easy to fit	4.12
	⊪> <b>soft</b> close	
- Wil	Soft-close AL damper  • For framed aluminium doors  • Easy to fit	4.14
	⊪> <b>soft</b> close	
	Soft-close pin  • Air damper  • For drilling in or fitting with adapter plate  • Also suitable for Snap On 3000 hinges	4.16
	⊪> <b>soft</b> close	

# **Soft-close Impresso**

For Nexis Impresso 95°, 100°, 110° and 125° hinges.



- Can be fitted without tools also as an upgrade
- Requires no additional drilling on the cabinet or door
- · Damping characteristic can be individually adjusted
- The damping system can be used for all hinges of the Nexis Impresso series

### **⊪> soft**close

#### Soft-close Impresso set

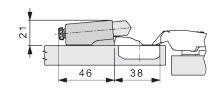


- 1 set consists of:
- 1 Soft-close adapter for Nexis Impresso hinges
- 1 Soft-close damper
- 2 cover caps

#### tem No

924.200.55.0115

PU 125 set



#### Soft-close Impresso adapter



Soft-close Impresso adapter for Nexis Impresso hinges

tem No.

924.200.55.0015

PU 125 pieces

#### Soft-close damper



Soft-close damper for Soft-close Impresso adapter

Item No.

924.012.50.0142

PU 125 pieces

#### Cover cap for hinges cranking 00



Steel, nickel-plated, without imprint\*, Soft-close compatible

\* on request with individual company logo

item No

514.300.21.0115

PU 125 pieces

#### Cover cap for hinges with cranking 08 and 15



Steel, nickel-plated, without imprint\*, Soft-close compatible

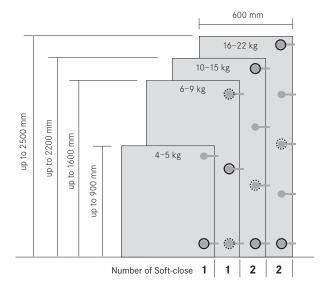
Item No

514.300.22.0015

 $^{\star}$  on request with individual company logo

PU 1000 pieces

#### Recommended position for Soft-close Impresso



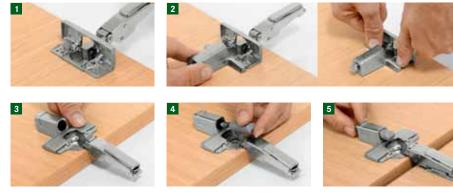
O Recommended position for Soft-close Impresso

Position for additional Soft-close Impresso (where required)

#### Important note

When fitting Grass furniture hardware, the instructions in the latest sales literature have to be followed in detail; if the company cannot accept any liability in the case of incorrect handling. If you require additional information regarding installation and fitting, please contact one of our plants directly. Our staff will be happy to help.

#### Installation





# Soft-close for Nexis Impresso hinges – quick and easy to fit.

- 1 Remove the door from the cabinet and open the lid of the hinge housing.
- 2 Insert Soft-close Impresso adapter squarely onto both seats in the hinge housing, make sure it fits and push home.
- 3 Push the hinge housing lid fully back into place. The adapter should now rest flat on the door.
- 4 With the flatter side facing downwards, push the damper fully into the adapter opening.
- 5 Reconnect the door and, if required, adjust the damping action by turning the adjustment screw.
- 6 Fit the short hinge arm cover cap (supplied with the set) unless this has already been fitted.

#### Soft-close Click-on

For Nexis Click-onand Nexis Slide-on 95°, 100°, 110° and 125° hinges.



- · Can be fitted without tools also as an upgrade
- Requires no additional drilling on the cabinet or door
- · Damping characteristic can be individually adjusted
- The damping system can be used for almost all hinges in the Nexis Click-on and Nexis Slide-on series

# **⊪> soft**close

#### Soft-close Click-on set

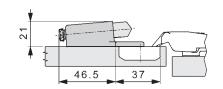


- 1 set consists of:
- 1 Soft-close adapter with pre-mounted Softclose damper for Nexis Click-on and Nexis Slide-on hinges
- 1 Click-on cover cap for hinge cup
- 2 cover caps

#### Item No

924.200.40.0115

PU 125 sets



#### Soft-close Click-on adapter



Soft-close adapter incl. pre-mounted Soft-close damper for Nexis Click-on and Nexis Slide-on hinges

#### Item No.

924.200.40.0215

PU 125 pieces

#### Cover cap for hinge cup





Cover cap for Nexis Click-on hinge and Nexis Slide-on hinge cups Steel, nickel-plated

#### Item No.

514.300.20.0115

PU 125 pieces

#### Cover cap for hinges with cranking 00



Steel, nickel-plated, without imprint\*, Soft-close compatible

\* on request with individual company logo

#### ltem No

514.300.21.0115

PU 125 pieces

#### Cover cap for hinges with cranking 08 and 15



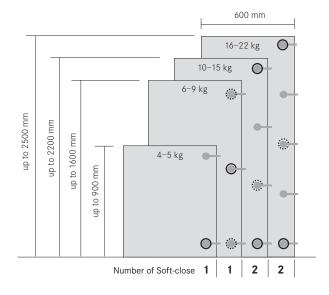
Steel, nickel-plated, without imprint\*, Soft-close compatible

 $^{\star}$  on request with individual company logo

#### Item No

514.300.22.0015

PU 1000 pieces



- Recommended position for Soft-close Click-on
- Position for additional Soft-close Click-on (where required)

When fitting Grass furniture hardware, the instructions in the latest sales literature have to be followed in detail; if the company cannot accept any liability in the case of incorrect handling. If you require additional information regarding installation and fitting, please contact one of our plants directly. Our staff will be happy to help.













#### Soft-close for Nexis Click-on hinges quick and easy to fit.

- 1 Remove hinge arm cover cap from hinges with cranking 00 (where present).
- 2 Insert the Soft-close Click-on adapter with the two small hooks underneath into the recesses in the hinge cup, at a slight angle.
- 3 Push down both sides of the adapter simultaneously until it engages with an audible 'click'.
- 4 Fit the short hinge arm cover cap (supplied with the set) if required.
- 5 If required, use the adjustment screw to fine-adjust the Soft-close Click-on to different opening angles and crankings.
- 6 The hinge cup cover caps (supplied with the set) for hinges without Soft-close Click-on make sure that all hinges have a matching appearance.

#### Soft-close 170°

For Nexis Impresso, Nexis Click-on and Nexis Slide-on 170° wide-angle hinges.



- ${}^{\bullet}$  For Nexis Impresso, Nexis Click-on and Nexis slide-on 170  ${}^{\circ}$  wide-angle hinges
- · Can be fitted without tools also as an upgrade
- Requires no additional drilling on the cabinet or door
- · Damping characteristic can be individually adjusted

### **⊪> soft**close

#### Soft-close 170° set



Soft-close adapter for Nexis Impresso, Nexis Click-on and Nexis Slide-on 170°- wide-angle hinges with pre-mounted Soft-close damper

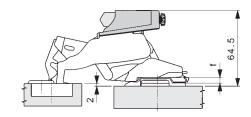
tem No

924.200.46.1115

PU 125 pieces

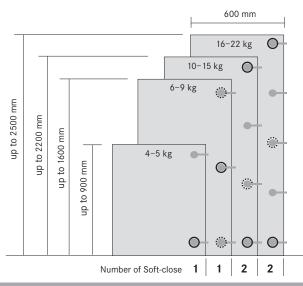






Drawing with mounting plate, height 02

#### Recommended position for Soft-close 170°



- Recommended position for Soft-close 170°
- Position for additional Soft-close 170° (where required)

#### Important note

When fitting Grass furniture hardware, the instructions in the latest sales literature have to be followed in detail; if the company cannot accept any liability in the case of incorrect handling. If you require additional information regarding installation and fitting, please contact one of our plants directly. Our staff will be happy to help.

#### **Soft-close Mirro**

# For Nexis Click-on Mirro hinges.





Nexis Slick-on

Nexis Iide-on

nap On 3000

Soft-close

Index



- For Nexis Click-on Mirro and Mirro -15° hinges
- Can be fitted without tools also as an upgrade
- · No additional drilling on the cabinet needed
- · Damping characteristic can be individually adjusted

# **⊪> soft**close

#### Soft-close Mirrro set



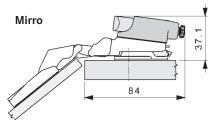
Soft-close adapter with pre-mounted Soft-close damper for Nexis Click-on Mirro and Mirro -15°- hinges

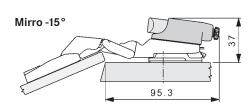
924.200.38.0215

PU 50 pieces



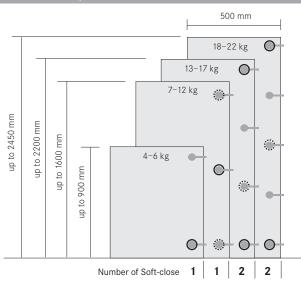






Drawings with mounting plate, height 02

#### Recommended position for Soft-close Mirro



- Recommended position for Soft-close Mirro
  - Position for additional Soft-close Mirro (where required)

#### Important note

When fitting Grass furniture hardware, the instructions in the latest sales literature have to be followed in detail; if the company cannot accept any liability in the case of incorrect handling. If you require additional information regarding installation and fitting, please contact one of our plants directly. Our staff will be happy to help.

### **Soft-close ACC**

For framed doors in wood and aluminium.



- · For framed doors in wood and aluminium
- Damping characteristic can be individually adjusted
- Easy to fit
- Not visible from the outside
- Elegant design

# m> softclose

#### Soft-close ACC



Soft-close ACC damping system with pre-mounted Soft-close damper for installation in wood and aluminium frames

#### tem No

924.200.36.0215

PU 125 pieces

#### Universal counterpart





Use for all crankings Zamak, nickel-plated

#### Item No.

514.200.60.0115

PU 125 pieces

#### Cover cap



Plastic, nickel-plated

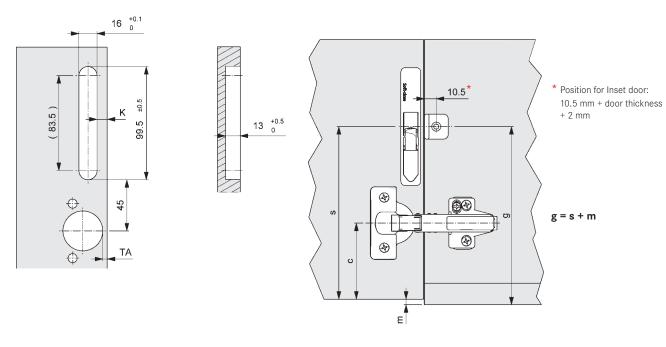
#### Item No.

514.000.85.0115

PU 125 pieces

ndex

#### Fitting dimensions



#### For hinges with cranking 00

#### For hinges with cranking 08 and 15

Mounting plate height (f)
00
02
03
04

(	TA	) 4 n	nm	(1	TA) 5 ı	mm	(Τ	A) 6 ı	mm
		(K)			(K)			(K)	
9	9	10	11	9	10	11	9	10	11
_ >	Κ	Χ	Х	Х	Х	Х	Х	Х	Х
_ >	K	Χ	Χ	Х	Х	Х	Х	Х	Х
_ >	K	Χ	Х	Х	Х	Х	Х	Х	Х
)	ĸ	Х	Χ	Х	Х	Х	Х	Х	Х

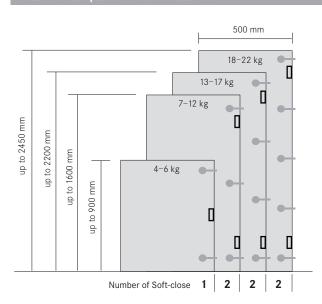
(TA) 4 mm	(TA) 5 mm	(TA) 6 mm
(K)	(K)	(K)
4	4	4
X	Х	Х
X	X	Х
Х	х	Х
x	x	x

Figures refer to doors with an edge radius of 1 mm. We recommend a trial installation.

When using wood frames of less than 60 mm in width we recommend a trial installation.

When using aluminium frames, no gaskets or silicone must be used at the place where Soft-close ACC are fitted.

#### Recommended position for Soft-close ACC



Recommended position for Soft-close ACC

#### **Soft-close AL**

For framed aluminium doors.



- For framed aluminium doors with 95° hinge
- For 20 x 20 mm aluminium frame
- · Damping characteristic can be individually adjusted
- Easy to fit
- Not visible from the outside
- Elegant design

# **⊪> soft**close

#### Soft-close AL



Soft-close AL damping system with pre-mounted Soft-close damper for installation in aluminium frames

#### Item No.

924.200.37.0215

PU 125 pieces

#### Universal counterpart





Use for all crankings Zamak, nickel-plated

#### Item No.

514.200.60.0115

PU 125 pieces

#### Counter piece





Only use with crankings 00 Steel, nickel-plated

#### Item No

514.300.55.0115

PU 125 pieces

#### Cover cap



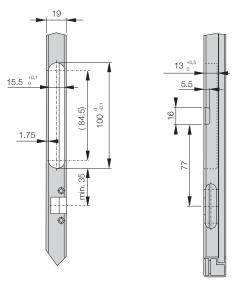
Plastic, nickel-plated

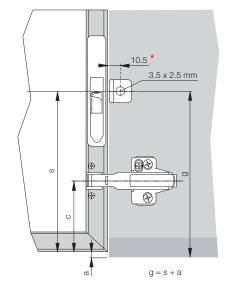
#### Item No.

514.000.85.0115

PU 125 pieces

#### Fitting dimensions



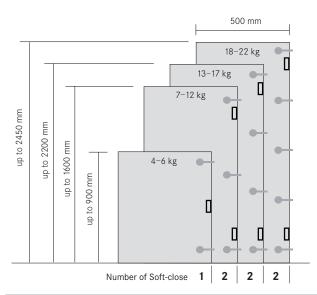


\* Position for Inset door: 10.5 mm + door thickness + 2 mm

Do not use any gaskets or silicone at the place where Soft-close AL are fitted.

We recommend a trial fitting.

#### Recommended position for Soft-close AL



Recommended position for Soft-close AL

#### Installation









#### Soft-close AL – easy and quick

- 1. Soft-close AL for framed aluminium doors
- 2. Press Soft-close AL into the recess in the aluminium frame.
- 3. Use the eccentric screw to fix the element in the frame.
- 4. Where required, the damping force can be fineadjusted with another eccentric screw.
- 5. The counterpart for the damper is fixed with screws on the inside of the cabinet.

# **Soft-close pin**

Air damper for doors with Nexis and Snp On 3000 hinges.



- · Suitable for all door shapes, sizes and materials (wood and aluminium frames and glass doors)
- · Suitable for upgrading
- For drill hole mounting or for fitting with adapter plate

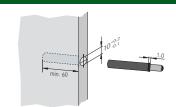
# **⊪> soft**close

#### Soft-close pin

#### · Hole drilled from the front



- For visual solutions
- · Housing: plastic, anthracite
- · Piston: light grey



#### For drill hole mounting

924.013.00.0055

PU 250 pieces

#### Adapter plate for line boring



- · Suitable for line boring 28 mm and 37 mm
- Fix with Euro screws (6.3 x 13.5)
- Plastic, light grey



#### For Euro screws

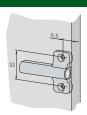
# 63310-42

PU 100 pieces

#### Frame adapter plate



- · Quick upgrade installation
- Fix with wood screws (3.5 x 13)
- · Plastic, light grey



#### For screw fixing

514.000.36.0539

PU 100 pieces

#### Linear adapter plate



- Design also suitable for inside fitting
- Fix with wood screws (3.5 x 13)
- · Plastic, light grey



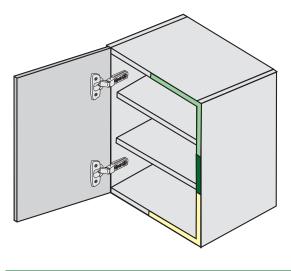
#### For screw fixing

514.000.36.0439

PU 100 pieces

yapı

#### Possible damper positions when fitting to a standard door



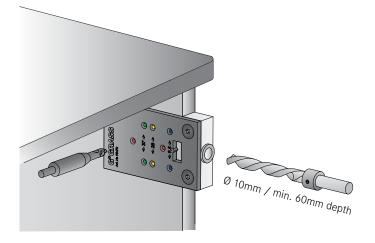
optimum position

good position

possible position

For larger doors we recommend the installation of an additional damper.

#### Drilling template for adapter plates and drill-in damper



#### Item No.

95470

PU 1 pieces

The Grass drilling template for Soft-close can be used to drill the holes for all types of adapter plates and the drill-in damper.

#### Information:

Drill bits are not included!

#### Center drill bit Ø 3.5 mm

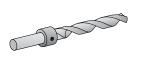


#### Item No.

35692

PU 1 pieces

#### Drill bit with stop ring Ø 10 mm



tem No.

38823

PU 1 pieces





# 06



# **TIP**MATIC

The mechanical opening system for furniture without handles. A light touch is enough for doors to open as if by magic.



# **Tipmatic Plus**

A quick tap – and handle-free furniture doors open virtually automatically.



This exclusive solution for handle-free furniture doors comprises a combination of holdclosed unit, ejector element and hinges without closing mechanism, and will turn any cabinet construction into something special.

A short tap is enough and the cabinet door opens to a wide angle. Once closed, the door remains shut and hides its secret until the next tap.

No handles interrupt the furniture's linear, modern design which facilitates the combination of calmness and harmony with aesthetics. What else can a furniture designer wish for?

Grass Tipmatic Plus is designed for hinges without closing mechanism. It does not require any special hinges with opening spring. Hinges of the Nexis Impresso and Nexis Click-on series can be equipped with Tipmatic Plus – even retrospectively – with little installation effort. Mirror doors in combination with Tipmatic Plus Mirro are a particular highlight.

#### The advantages are clear.

Grass Tipmatic Plus impresses with its simplicity and distinguishes itself with the following product features:

- Gently tapping the front causes the doors to open to a wide angle.
- Magnets keep the doors closed precisely and reliably.
- No handle is required to open the doors handle-free drawer fronts provide designers and architects with a lot of creative freedom when planning their designs.
- Compatible with all hinges of the Nexis Impresso and Nexis Click-on series without closing mechanism.
- Can be added retrospectively due to its easy installation
- Suitable for existing systems such as Soft-close or illuxo

#### The components of Tipmatic Plus:

Firstly, Tipmatic Plus consists of the ejector element: this is made up of the adapter (Impresso, Click-on, 170° or Mirro) and the ejector, and can be installed on the hinge without any tools. Secondly, Tipmatic Plus consists of the hold-closed unit: this in turn is made up of the magnetic pin and the counterplate. While the magnetic pin is installed in the interior of the cabinet using an adapter plate, the counterplate is glued or screwed onto the door. Thus using Tipmatic Plus results in a holistic system which makes opening handle-free furniture an experience.

# **Tipmatic**

# Comfortably open handle-free furniture.





Soft-close





#### The elaborate interaction of magnet, Tipmatic pin and hinges without closing mechanism facilitates the comfortable design solution

for hinged doors. Simply and gently tapping the drawer front makes the door open virtually automatically. The doors swing open to a convenient angle, making it comfortable and easy to grip the handle-free panel to open it further. When closing, the doors are held shut precisely and reliably via the magnet's large catch range. A handle is no longer required for opening and closing the door. Handle-free drawer fronts provide designers and architects with a lot of creative freedom when planning the furniture designs.

Grass Tipmatic Plus is designed for hinges without closing mechanism. It does not require any special hinges with opening spring.

Tipmatic can be used for wooden, aluminium and glass doors and is suitable for the complete hinge systems Nexis Impresso, Nexis Click-on and Snap-On 3000.

#### Unique product features for maximum customer benefit.

Grass Tipmatic supports the design for handlefree hinged doors with the following product features:

- Doors open by gently tapping the front.
- Magnets keep the doors closed precisely and
- No handle is required to open the doors handle-free fronts provide designers and architects with a lot of creative freedom when planning their designs.
- Compatible with all hinges without closing
- · Large magnet catch range reliable closing of the doors.
- · Integrated, self-locking and toolless depth adjustment- adjusting the front gap from 2.5 to 5.5 mm.
- The Tipmatic pin can be drilled into the front of the cabinet or used with an adapter plate.

#### Tipmatic consists of two elements:

The pencil-shaped Tipmatic pin and the magnetic counterpart in the door. The Tipmatic pin can be mounted with the aid of adapter plates or drilled into the front of the cabinet. This makes the element virtually invisible. It disappears into the side of the cabinet - the simple design harmonises with the calm exterior effect of handle-free furniture.

# **Tipmatic**

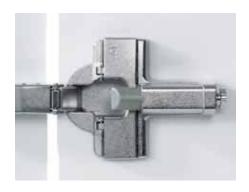
Product overview.

Tipmatic Plus			Page
	Tipmatic Plus Impresso • For Nexis Impresso hinges without closing mechanism		6.6
	III>	<b>tip</b> matic-plus	
	Tipmatic Plus Click-on • For Nexis Nexis Click-on hinges without closing mechanism		6.8
	III>	tipmatic-plus	
	Tipmatic Plus 170° • For Nexis Impresso und Click-on wide-angle hinges without closing mechanism		6.10
	III>	<b>tip</b> matic-plus	
	Tipmatic Plus Mirro • For Nexis Click-on Mirro hinges without closing mechanism		6.12
	III>	<b>tip</b> matic-plus	
Tipmatic			
	Tipmatic for wooden doors and aluminium frame doors  For Nexis and Snap On 3000 hinges without closing mechanism  Mounting on the front side of the cabinet or with an adapter plate		6.14
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	Tipmatic for glass and mirror doors  For Nexis and Snap On 3000 hinges without closing mechanism  Mounting on the front side of the cabinet or with an adapter platee		6.16
		⊪> <b>tip</b> matic	

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# **Tipmatic Plus Impresso**

For Nexis Impresso hinges without closing mechanism.



- Gently tapping the front causes the doors to open to a convenient angle
- Compatible with all hinges of the Nexis Impresso series without closing mechanism, see pages 16 – 17
- · Can also be retrofitted thanks to its simple assembly

# III> tipmatic-plus

#### Tipmatic Plus Impresso set

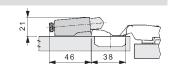


- 1 set consists of:
- 1 Tipmatic Plus Impresso adapter
- 1 Tipmatic Plus ejector
- 1 counterplate for gluing
- 1 counterplate for screw fixing incl. screw
- 1 magnetic pin

#### ltem No.

924.275.55.0315

PU 100 sets



#### Tipmatic Plus Impresso adapter



Tipmatic Plus Impresso adapter for Nexis Impresso hinges

#### Itom No

924.275.55.0015

PU 100 pieces

#### Tipmatic Plus ejector



Tipmatic Plus ejector for Tipmatic Plus Impresso adapter

#### tem No

924.075.00.0075

PU 100 pieces

#### Linear adapter plate



Linear adapter plate for magnetic pin

- Design solution, also suitable for insets
- $^{\bullet}\,$  Fixing with wood screws (3.5 x 13 mm)

#### Item No.

514.000.36.0439

PU 100 pieces

#### Frame adapter plate



Frame adapter plate for magnetic pin

- · Quick upgrade installation
- $^{\circ}\,$  Fixing with wood screws (3.5 x 13 mm)

#### Item No.

514.000.36.0539

PU 100 pieces

#### Magnetic pin and counterplates









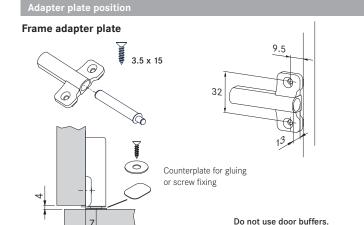
- 1 set consists of:
- 1 magnetic pin
- 1 counterplate for gluing
- 1 counterplate for screw fixing incl. screw

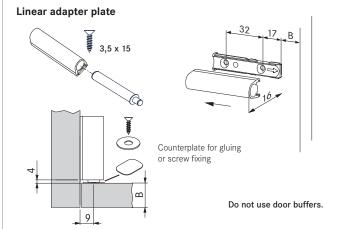
#### Item No.

646.000.29.0039

PU 100 sets

Index





Empfohlene Position für Tipmatic Plus Impresso 600 mm 0 2500 mm 0 16-22 kg up to 2200 mm 10-15 kg 1600 mm 2 gn 2 0 g up to 900 mm 0 4-5 kg 0 0

Recommended position for Tipmatic Plus Impresso.

Counterplate position (on the same level as the magnetic pin).

One magnetic pin per door.

\*\*\* Recommended position for Tipmatic Plus Impresso for wall cabinet applications.

\*\*Counterplate position for wall cabinet applications (on the same level as the magnetic pin). One magnetic pin per door.

#### Tipmatic Plus Impresso is only suitable for hinges without holding spring.

For framed doors we recommend Tipmatic Plus Click-on.

#### Ensure that the surface is clean and fully degreased before gluing the adhesive plate.

If Tipmatic Plus is used in conjuction with a different hold-closed system, Grass does not provide any guarantees.

When fitting Grass furniture hardware, the instructions in the latest sales literature have to be followed in detail; the company cannot accept any liability in the case of incorrect handling. If you require additional information regarding installation and fitting, please contact one of our plants directly. Our staff will be happy to help.

#### Installation













#### Tipmatic Plus Impresso - quick and easy fitting.

- 1 Remove door from cabinet, remove hinge arm cover cap (where applicable) and open hinge cup cover.
- 2 Insert Tipmatic Plus Impresso adapter squarely onto both seats in the hinge cup, make sure it fits and press down firmly.
- 3 Push the hinge cup cover fully back into place. The adapter should now rest flat on the door.
- 4 With the flatter side facing downwards, push the Tipmatic ejector fully into the adapter opening.
- 5 Clip door back onto the mounting plates, adjust front gap and replace hinge arm cover cap (where applicable).

# **Tipmatic Plus Click-on**

For Nexis Click-on hinges without closing mechanism.



- Gently tapping the front causes the doors to open to a convenient angle
- Compatible with all hinges of the Nexis Click-on series without closing mechanism, see pages 18 – 19
- · Can als be retrofitted thanks to its simple assembly

# III> tipmatic-plus

#### Tipmatic Plus Click-on set

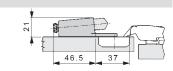


- 1 set consists of:
- 1 Tipmatic Plus Click-on adapter
- 1 Tipmatic Plus ejector
- 1 counterplate for gluing
- 1 counterplate for screw fixing incl. screw
- 1 magnetic pin

#### ltem No.

924.275.40.0315

PU 100 sets



#### Tipmatic Plus Click-on adapter



Tipmatic Plus Click-on adapter for Nexis Click-on hinges

#### Item No

924.275.40.0015

PU 100 pieces

#### Tipmatic Plus ejector



Tipmatic Plus ejector for Tipmatic Plus Click-on adapter

#### tem No

924.075.00.0075

PU 100 pieces

#### Linear adapter plate



Linear adapter plate for magnetic pin

- Design solution, also suitable for insets
- $^{\circ}\,$  Fixing with wood screws (3.5 x 13 mm)

#### Item No.

514.000.36.0439

PU 100 pieces

#### Frame adapter plate



Frame adapter plate for magnetic pin

- · Quick upgrade installation
- $^{\bullet}\,$  Fixing with wood screws (3.5 x 13 mm)

#### ltono No

514.000.36.0539

PU 100 pieces

#### Magnetic pin and counterplates









- 1 set consists of:
- 1 magnetic pin
- 1 counterplate for gluing
- 1 counterplate for screw fixing incl. screw

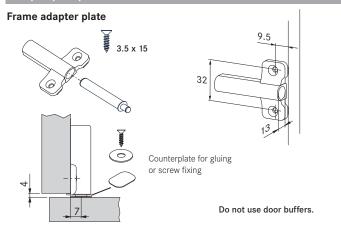
#### Item No.

646.000.29.0039

PU 100 sets

Index

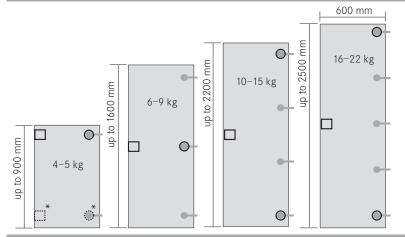
#### Adapter plate positions



# Counterplate for gluing or screw fixing Do not use door buffers.

\_ 9

#### Empfohlene Position für Tipmatic Plus Click-on



- Recommended position for Tipmatic Plus Click-on.
- Counterplate position (on the same level as the magnetic pin).

  One magnetic pin per door.
- \*\*\* Recommended position for Tipmatic Plus Click-on for wall cabinet applications.
- \*\*Counterplate position for wall cabinet applications (on the same level as the magnetic pin). One magnetic pin per door.
- Tipmatic Plus Click-on is only suitable for hinges without holding spring.

#### Ensure that the surface is clean and fully degreased before gluing the adhesive plate.

If Tipmatic Plus is used in conjunction with a different hold-closed system, Grass does not provide any guarantees.

When fitting Grass furniture hardware, the instructions in the latest sales literature have to be followed in detail; the company cannot accept any liability in the case of incorrect handling. If you require additional information regarding installation and fitting, please contact one of our plants directly.

Our staff will be happy to help.

#### Installation











- 1 Remove hinge arm cover cap (where applicable).
- 2 Insert Tipmatic Plus Click-on with the two small hooks underneath into the recesses in the hinge cup, at a slight angle.
- 3 Push down both sides of the adapter simultaneously until it engages with an audible 'click'.
- 4 With the flatter side facing downwards, push the Tipmatic ejector fully into the adapter opening.
- 5 Adjust front gap, put on hinge arm cover cap (where applicable).



# Tipmatic Plus 170°

For Nexis Impresso and Nexis Click-on 170° wide-angle hinges without closing mechanism.



- Gently tapping the front causes the doors to open to a convenient angle
- For Nexis Impresso 170° wide-angle hinges without closing mechanism, see page 16
- For Nexis Click-on 170° wide-angle hinges without closing mechanism, see page 18
- · Can also be retrofitted thanks to its simple assembly

# III> tipmatic-plus

#### Tipmatic Plus 170° set





- 1 set consists of:
- 1 Tipmatic Plus 170° adapter
- 1 Tipmatic Plus ejector
- 1 counterplate for gluing
- 1 counterplate for screw fixing incl. screw
- 1 magnetic pin

#### Itama Na

924.275.46.0315

PU 100 sets

#### Tipmatic Plus 170° adapter



Tipmatic Plus 170° adapter for Nexis Impresso and Nexis Click-on 170° wide-angle hinges

#### Item No

924.275.46.0015

PU 100 pieces

#### Tipmatic Plus ejector



Tipmatic Plus ejector for Tipmatic Plus Impresso adapter

#### tem No

924.075.00.0075

PU 100 pieces

#### Linear adapter plate



Linear adapter plate for magnetic pin

- Design solution, also suitable for insets
- $^{\circ}\,$  Fixing with wood screws (3.5 x 13 mm)

#### Item No.

514.000.36.0439

PU 100 pieces

#### Frame adapter plate



Frame adapter plate for magnetic pin

- · Quick upgrade installation
- $^{\bullet}\,$  Fixing with wood screws (3.5 x 13 mm)

#### Item No.

514.000.36.0539

PU 100 pieces

#### Magnetic pin and counterplates









- 1 set consists of:
- 1 magnetic pin
- 1 counterplate for gluing
- 1 counterplate for screw fixing incl. screw

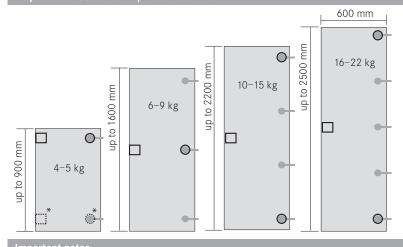
#### Item No.

646.000.29.0039

PU 100 sets

Index

# Frame adapter plate 3.5 x 15 Counterplate for gluing or screw fixing Do not use door buffers. Linear adapter plate Counterplate for gluing or screw fixing Counterplate for gluing or screw fixing



Recommended position for Tipmatic Plus 170°.

Counterplate position (on the same level as the magnetic pin).

One magnetic pin per door.

\*\*\* Recommended position for Tipmatic Plus 170° for wall cabinet applications.

\*\*\* Counterplate position for wall cabinet applications (on the same level as the magnetic pin). One magnetic pin per door.

important notes

#### Tipmatic Plus $170^{\circ}$ is only suitable for hinges without holding spring.

with an audible "click".

#### Ensure that the surface is clean and fully degreased before gluing the adhesive plate.

If Tipmatic Plus is used in conjunction with a different hold-closed system, Grass does not provide any guarantees.

When fitting Grass furniture hardware, the instructions in the latest sales literature have to be followed in detail; the company cannot accept any liability in the case of incorrect handling. If you require additional information regarding installation and fitting, please contact one of our plants directly. Our staff will be happy to help.

# Tipmatic Plus 170° with Nexis Impresso Tipmatic Plus 170° with Nexis Click-on Tipmatic Plus 170° - quick and easy fitting. 1 With the flatter side facing downwards, push the Tipmatic Plus ejector fully into the adapter opening. 2 Insert the adapter with the two small hooks underneath into the recesses in the hinge arm, at a slight angle. 3 Push down the Tipmatic Plus 170° adapter until it engages

Drawings with mounting plate, height 02

# **Tipmatic Plus Mirro**

For Nexis Click-on Mirro and Nexis Click-on Mirro -15° hinges without closing mechanism.



- Gently tapping the front causes the doors to open with to a convenient angle
- For Nexis Mirro and Nexis Mirro -15° hinges without closing mechanism, see page 19
- · Can also be retrofitted thanks to its simple assembly

# III> tipmatic-plus

#### Tipmatic Plus Mirro set









- 1 set consists of:
- 1 Tipmatic Plus Mirro adapter
- 1 Tipmatic Plus ejector
- 1 counterplate for gluing
- 1 magnetic pin

#### ltem No.

924.275.38.0315

PU 100 sets

#### Tipmatic Plus Mirro adapter



Tipmatic Plus Mirro adapter for Nexis Click-on Mirro hinges

#### Item No.

924.275.38.0015

PU 100 pieces

#### Tipmatic Plus ejector



Tipmatic Plus ejector for Tipmatic Plus Mirro adapter

#### em No

924.075.00.0075

PU 100 pieces

#### Linear adapter plate



Linear adapter plate for magnetic pin

- Design solution, also suitable for insets
- $^{\circ}\,$  Fixing with wood screws (3.5 x 13 mm)

#### Item No.

514.000.36.0439

PU 100 pieces

#### Frame adapter plate



Frame adapter plate for magnetic pin

- · Quick upgrade installation
- $^{\circ}\,$  Fixing with wood screws (3.5 x 13 mm)

#### Item No.

514.000.36.0539

PU 100 pieces

#### Magnetic pin and counterplate



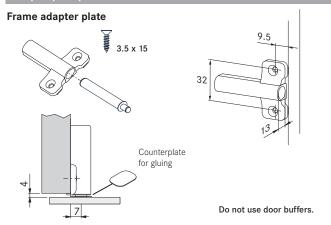
- 1 set consists of:
- 1 magnetic pin
- 1 counterplate for gluing

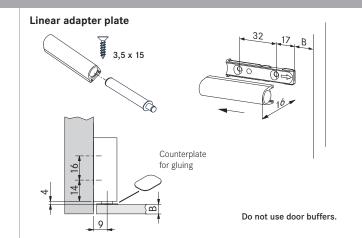
#### Item No.

646.000.29.0039

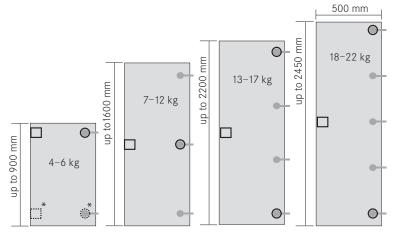
PU 100 sets

#### Adapter plate positions





#### Empfohlene Position für Tipmatic Plus Mirro



- Recommended position for Tipmatic Plus Mirro.
  - Counterplate position (on the same level as the magnetic pin).

    One magnetic pin per door.
- \*\* Recommended position for Tipmatic Plus Mirro for wall cabinet applications.
- \*\*Counterplate position for wall cabinet applications (on the same level as the magnetic pin). One magnetic pin per door.

Important notes

#### Tipmatic Plus Mirro is only suitable for hinges without holding spring.

#### Ensure that the surface is clean and fully degreased before gluing the adhesive plate.

If Tipmatic Plus is used in conjunction with a different hold-closed system, Grass does not provide any guarantees. When fitting Grass furniture hardware, the instructions in the latest sales literature have to be followed in detail; the company cannot accept any liability in the case of incorrect handling. If you require additional information regarding installation and fitting, please contact one of our plants directly. Our staff will be happy to help.

#### Installation



# Tipmatic Plus Mirro – quick and easy fitting.

1 Push the Tipmatic Plus ejector into the adapter opening with the flatter side on the left.

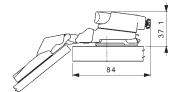




- 2 Insert the adapter with the hook underneath into the recess in the hinge arm.
- 3 Push the Tipmatic Plus Mirro adapter towards the back until it engages.

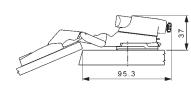
#### Tipmatic Plus Mirro with Nexis Mirro





Drawings with mounting plate, height 02





# **Tipmatic**

For handle-free wooden doors and aluminium frame doors.



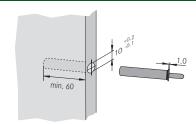
- Gently tapping the front causes the doors to open to a convenient angle
- · Any hinges without closing mechanism can be used
- Large magnet catch range closes doors reliably
- Gap adjustment from 2.5 to 5.5 mm with integrated, self-locking and toolless depth adjustment feature
- Mounting on the front side of the cabinet or with an adapter plate

# III> tipmatic

#### Tipmatic pin



- Incl. magnet, Ø 15 x 8 mm
   (hole edge cover 1 mm)
- · Hole drilled from the front
- Plastic RAL 7036, platinum grey



#### For drilling

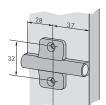
68873-06

PU 25 pieces

#### Adapter plate for line drilling



- Suitable for line boring 28 and 37 mm
- Fixing with Euro screws (6.3 x 13.5)
- Plastic RAL 7035, light grey



#### For Euro screws

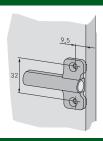
Item No. 63310-40

PU 25 pieces

#### Frame adapter plate



- Quick upgrade installation
- Fixing with wood screws (3.5 x 13)
- Plastic RAL 7035, light grey



#### For screw fixing

Item No

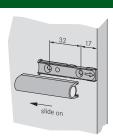
63311-40

PU 25 pieces

#### Linear adapter plate



- Design solution also suitable for insets
- For fixing use wood screws
   (3.5 x 13)
- Plastic RAL 7035, light grey



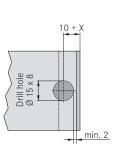
#### For screw fixing

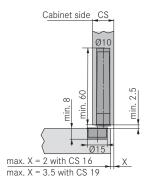
Item No

63309-40

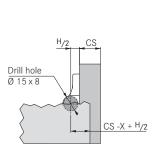
PU 25 pieces

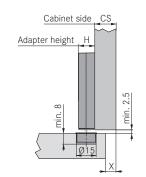
# Mounting for full and half overlay wooden doors Mounting on front side



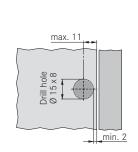


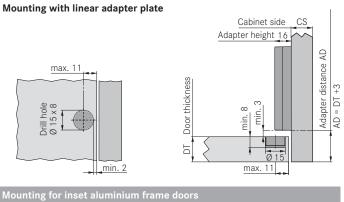
Mounting with adapter plates





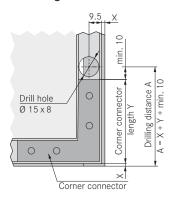
Mounting for inset wooden doors

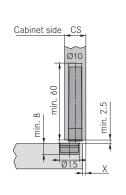




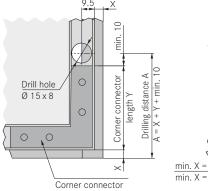
Mounting for full and half overlay aluminium frame doors

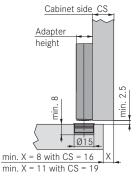
Mounting on front side



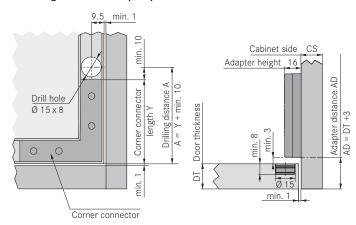


Mounting with adapter plates





#### Mounting with linear adapter plate



# **Tipmatic**

For handle-free glass and mirror doors.



- Gently tapping the front causes the doors to open to a convenient angle
- All glass and mirror door hinges without closing mechanism can be used
- · Large magnet catch range closes doors reliably
- Front gap adjustment from 2.5 to 5.5 mm with integrated, self-locking and toolless depth adjustment feature
- Mounting with linear adapter plate

# III> tipmatic

#### Tipmatic pin for glass and mirror doors



- Incl. magnet, Ø 20 x 4 mm
- Use with linear adapter plate
- · For glass and mirror doors
- · Plastic RAL 7036, platinum grey

Item No

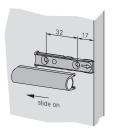
68286-06

PU 25 pieces

#### Linear adapter plate



- Design solution also suitable for insets
- For fixing use wood screws (3.5 x 13)
- Plastic RAL 7035, light grey



#### For screw fixing

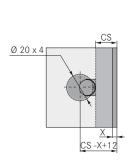
63309-40

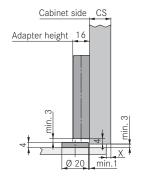
PU 25 pieces

#### Mounting for full and half overlay glass and mirror doors

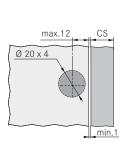
# Mounting for inset glass and mirror doors

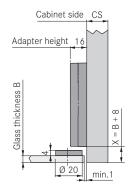
#### Mounting with linear adapter plate





#### Mounting with linear adapter plate





#### Installation note:

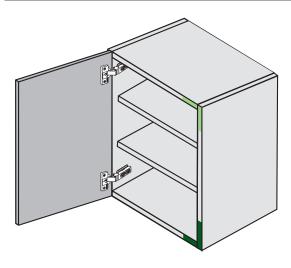
Before gluing the magnet the adhesive area must be carefully degreased.

# **Tipmatic**

Installation, drilling jig.



#### Recommended positions



#### For the wall unit:

Position in the region of the lower corner across from the hinge

#### For the base unit

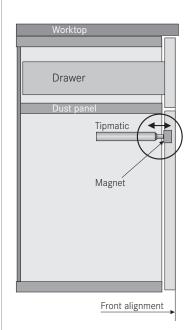
Position in the region of the upper corner across from the hinge

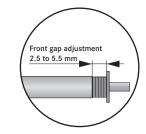
#### General note regarding the mounting position:

The Tipmatic element is mounted across from the hinge, either by drilling into the front side of the furniture cabinet or with our adapter plates, which are available in different versions.

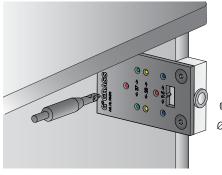
# Front gap adjustment with integrated "toolless depth adjustment" feature

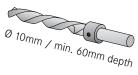
The front gap can be adjusted with the Tipmatic drawer.





#### Drilling jig for adapter plates and Tipmatic pin





#### Item No

95470

PU 1 piece

The Grass drilling jig for Tipmatic can be used to drill the holes for all types of adapter plates and the Tipmatic pin.

#### Information:

Drill bits are not included!

#### Pilot drill bit Ø 3.5 mm



Item No. 35692 PU 1 piece

#### Drill bit with stop ring Ø 10 mm



#### em No.

38823

PU 1 piece

muresso

Nexis Click-on

Nexis Slide-on

Snap On

Soft-clos

Tipmatic

illuxo

special hinges

Cabinet scessories

ssembly side

Inde

# Nexis Impresso hinges without closing mechanism

For Tipmatic Plus and Tipmatic applications.

Nexis Impresso 04 - 100° for standard doors		full overlay	half overlay	inset
9	Drilling pattern	Item No.	Item No.	Item No.
200	48/9 and 45/9.5	145.604.35.0015	145.604.35.0815	145.604.35.1515
	42/11 and 45/9.5	◆ 137.604.51.0015	◆ 137.604.51.0815	137.604.51.1515
		PU 125 pieces	PU 125 pieces	PU 125 pieces
Nexis Impresso 22 - 110° for standard doors		full overlay	half overlay	
	Drilling pattern	Item No.	Item No.	
200 -	48/9 and 45/9.5	145.622.35.0015	145.622.35.0815	
5	42/11 and 45/9.5	137.622.51.0015	137.622.51.0815	
- April -		PU 125 pieces	PU 125 pieces	
Opening angle reduction clip 85°	_	_	_	_
	Restricts opening angle t	o 85° for 110° hinges	Item No.	
	Prevents doors from colli	ding with fronts or walls	641.000.10.0062	
<b>~</b>	in corner installations.		PU 1000 pieces	
	Black plastic		ro 1000 pieces	
Nexis Impresso 29 - 125° for standard doors		full overlay	half overlay	
- G - G-	Drilling pattern	Item No.	Item No.	
1	48/9 and 45/9.5	145.629.35.0015	◆ 145.629.35.0815	
8	42/11 and 45/9.5	◆ 137.629.51.0015	◆ 137.629.51.0815	
		PU 125 pieces	PU 125 pieces	
Nexis Impresso 65 – 170° wide-angle hinge		PU 125 pieces	PU 125 pieces	
Nexis Impresso 65 – 170° wide-angle hinge				
Nexis Impresso 65 – 170° wide-angle hinge	Drilling pattern			
Nexis Impresso 65 – 170° wide-angle hinge	Drilling pattern 48/9 and 45/9.5	full overlay	half overlay	
Nexis Impresso 65 – 170° wide-angle hinge		full overlay	half overlay	
Nexis Impresso 65 – 170° wide-angle hinge	48/9 and 45/9.5	full overlay  Item No.  145.765.35.0015	half overlay  Item No.  145.765.35.0815	
	48/9 and 45/9.5	full overlay  Item No.  145.765.35.0015  137.765.65.0015	Item No. 145.765.35.0815 137.765.65.0815	
	48/9 and 45/9.5 42/11 and 45/9.5	Item No. 145.765.35.0015 137.765.65.0015 PU 50 pieces	Item No. 145.765.35.0815 137.765.65.0815 PU 50 pieces	
	48/9 and 45/9.5 42/11 and 45/9.5  Restricts opening angle t	full overlay  Item No.  145.765.35.0015  137.765.65.0015  PU 50 pieces	Item No.  145.765.35.0815  137.765.65.0815  PU 50 pieces	
	48/9 and 45/9.5 42/11 and 45/9.5	full overlay  Item No.  145.765.35.0015  137.765.65.0015  PU 50 pieces	Item No.  145.765.35.0815  137.765.65.0815  PU 50 pieces  Item No. 641.000.09.9862	
- Car	48/9 and 45/9.5  42/11 and 45/9.5  Restricts opening angle t for 170° wide-angle hinge	full overlay  Item No.  145.765.35.0015  137.765.65.0015  PU 50 pieces	Item No.  145.765.35.0815  137.765.65.0815  PU 50 pieces	
Opening angle reduction clip 125°	48/9 and 45/9.5  42/11 and 45/9.5  Restricts opening angle t for 170° wide-angle hinge	full overlay  Item No.  145.765.35.0015  137.765.65.0015  PU 50 pieces	Item No.  145.765.35.0815  137.765.65.0815  PU 50 pieces  Item No. 641.000.09.9862	inset
Nexis Impresso 65 – 170° wide-angle hinge  Opening angle reduction clip 125°  Nexis Impresso 05 – 95° profiled door hinge	48/9 and 45/9.5  42/11 and 45/9.5  Restricts opening angle t for 170° wide-angle hinge	full overlay  Item No.  145.765.35.0015  137.765.65.0015  PU 50 pieces	Item No.  145.765.35.0815  137.765.65.0815  PU 50 pieces  Item No. 641.000.09.9862  PU 250 pieces	inset

48/9 and 45/9.5

42/11 and 45/9.5

145.605.35.0015

◆ 137.605.51.0015

PU 125 pieces

145.605.35.0815

◆ 137.605.51.0815

PU 125 pieces

145.605.35.1515

◆ 137.605.51.1515

PU 125 pieces

on request (minimum quantity required)

#### Nexis Impresso 05/45/3 - +45° angle corner cabinet hinge, inset





on request with Grass embossed

Drilling pattern	Item No.
48/9 and 45/9.5	◆ 145.705.35.0315
42/11 and 45/9.5	137.705.51.0315
	PU 125 pieces

Cover caps for cran	king 00	Item No.
*	Steel, nickel-plated, blank, Tipmatic Plus compatible	514.300.21.0215
**	Plastic, black, blank, Tipmatic Plus compatible	514.000.22.9762
		PU 1000 pieces

Cover caps for cranl	king 08 and 15	Item No.
*	Steel, nickel-plated, blank, Tipmatic Plus compatible	514.300.22.0015
**	Plastic, black, blank, Tipmatic Plus compatible	514.000.22.9762
		PU 1000 pieces
	* ** on request with individual company logo	
	* ** on request with Grass imprint	

# Combi drilling pattern 48/9 and 45/9.5 Combi drilling pattern 42/11 and 45/9.5 All dimensions in millimetres.

Tipmatic Plus Impresso	Page 6.6	Click-on mounting plates	Page 2.62 - 2.71
Tipmatic Plus 170°	Page 6.10	Tipmatic pin	Page 6.14

# Nexis Click-on hinges without closing mechanism

For Tipmatic Plus and Tipmatic applications.

Nexis Click-on 04 - 100° for standard doors		full overlay	half overlay	inset
	Drilling pattern	Item No.	Item No.	Item No.
	48/9	145.304.55.0015	145.304.55.0815	145.304.55.1515
670	42/11	◆ 137.304.73.0015	◆ 137.304.73.0815	137.304.73.1515
	48/9	◆ 145.304.56.0015	◆ 145.304.56.0815	◆ 145.304.56.1515
S. O.	42/11	◆ 137.304.74.0015	◆ 137.304.74.0815	137.304.74.1515
		PU 250 pieces	PU 250 pieces	PU 250 pieces
exis Click-on 22 - 110° for standard doors		full overlay	half overlay	
		4		
	Drilling pattern	Item No.	Item No.	
	48/9	145.322.53.0015	145.322.53.0815	
	42/11	137.322.73.0015	137.322.73.0815	
10 B	48/9	◆ 145.322.54.0015	◆ 145.322.54.0815	
95	42/11	137.322.74.0015	137.322.74.0815	
		PU 250 pieces	PU 250 pieces	
xis Click-on 65 – 170° wide-angle hinge	Prevents doors from collid in corner installations. Black plastic Drilling pattern	full overlay	641.000.10.0062 PU 1000 pieces  half overlay  Item No.	
	48/9	145.765.53.0015	145.765.53.0815	
	40.744			
A A P LOS A PROPERTY OF THE PARTY OF THE PAR	42/11	137.765.73.0015	137.765.73.0815	
	48/9	137.765.73.0015 ◆ 145.765.54.0015	137.765.73.0815 ◆145.765.54.0815	
	48/9	◆ 145.765.54.0015	◆ 145.765.54.0815	
pening angle reduction clip 125°	48/9	◆ 145.765.54.0015 137.765.74.0015	◆145.765.54.0815 137.765.74.0815	
pening angle reduction clip 125°	48/9	◆ 145.765.54.0015 137.765.74.0015 PU 50 pieces	◆145.765.54.0815 137.765.74.0815	
pening angle reduction clip 125°	48/9	◆ 145.765.54.0015 137.765.74.0015 PU 50 pieces	◆ 145.765.54.0815 137.765.74.0815 PU 50 pieces	
pening angle reduction clip 125°	48/9 42/11  Restricts opening angle to	◆ 145.765.54.0015 137.765.74.0015 PU 50 pieces	◆ 145.765.54.0815 137.765.74.0815 PU 50 pieces	
1 2	48/9 42/11  Restricts opening angle to for 170° wide-angle hinges	◆ 145.765.54.0015 137.765.74.0015 PU 50 pieces	◆ 145.765.54.0815 137.765.74.0815 PU 50 pieces Item No. 641.000.09.9862 PU 250 pieces	
	48/9 42/11  Restricts opening angle to for 170° wide-angle hinges	◆ 145.765.54.0015 137.765.74.0015 PU 50 pieces	◆ 145.765.54.0815 137.765.74.0815 PU 50 pieces	inset
	48/9 42/11  Restricts opening angle to for 170° wide-angle hinges Black plastic	◆ 145.765.54.0015  137.765.74.0015  PU 50 pieces  125°  s  full overlay	◆ 145.765.54.0815 137.765.74.0815 PU 50 pieces  Item No. 641.000.09.9862 PU 250 pieces  half overlay	4
1 2	48/9 42/11  Restricts opening angle to for 170° wide-angle hinges Black plastic  Drilling pattern	◆ 145.765.54.0015 137.765.74.0015 PU 50 pieces  125° s  full overlay Item No.	◆ 145.765.54.0815 137.765.74.0815 PU 50 pieces  Item No. 641.000.09.9862 PU 250 pieces  half overlay  Item No.	Item No.
	Restricts opening angle to for 170° wide-angle hinges Black plastic  Drilling pattern 48/9	◆ 145.765.54.0015  137.765.74.0015  PU 50 pieces  125° s  full overlay  Item No.  145.305.53.0015	↑ 145.765.54.0815  137.765.74.0815  PU 50 pieces  Item No. 641.000.09.9862  PU 250 pieces  half overlay  Item No. 145.305.53.0815	Item No. 145.305.53.1515
	Restricts opening angle to for 170° wide-angle hinges Black plastic  Drilling pattern  48/9  42/11	↑ 145.765.54.0015  137.765.74.0015  PU 50 pieces  125°  full overlay  Item No.  145.305.53.0015  ↑ 137.305.73.0015	↑ 145.765.54.0815  137.765.74.0815  PU 50 pieces  Item No. 641.000.09.9862  PU 250 pieces  half overlay  Item No. 145.305.53.0815  ↑ 137.305.73.0815	Item No. 145.305.53.1515 ◆ 137.305.73.1515
pening angle reduction clip 125°  exis Click-on 05 – 95° profiled door hinge	Restricts opening angle to for 170° wide-angle hinges Black plastic  Drilling pattern 48/9	◆ 145.765.54.0015  137.765.74.0015  PU 50 pieces  125° s  full overlay  Item No.  145.305.53.0015	↑ 145.765.54.0815  137.765.74.0815  PU 50 pieces  Item No. 641.000.09.9862  PU 250 pieces  half overlay  Item No. 145.305.53.0815	Item No. 145.305.53.1515

PU 250 pieces

PU 250 pieces

PU 125 pieces

on request (minimum quantity required)

#### Nexis Click-on 05/45/3 - +45° angle corner cabinet hinge, inset





Drilli	ng pattern	Item No.	
I	48/9	145.405.53.0315	
	42/11	137.404.73.0315	
	48/9	◆ 145.405.54.0315	
	42/11	137.404.74.0315	
		PU 125 pieces	

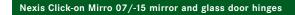
#### Nexis Click-on 05/90/4 - blind corner hinge inset





	Drilling pattern	Item No.
•	48/9	145.405.53.9615
	J	
	48/9	◆ 145.405.54.9615
		PU 125 pieces

#### Nexis Click-on 07 Mirro mirror and glass door hinges











299.707.88.0015 PU 50 pieces





299.707.88.9815 PU 50 pieces

#### Stainless steel adapter for Mirro hinges



Item No.
621.300.20.5017
PU 50 pieces

#### Cover caps for cranking 00, +45°, blind corner and Mirro hinges



Steel, nickel-plated, blank, Tipmatic Plus compatible Plastic, black, blank, Tipmatic Plus compatible

Item No. 514.300.21.0215 514.000.22.9762

PU 1000 pieces

#### Cover caps for cranking 08 and 15



Steel, nickel-plated, blank, Tipmatic Plus compatible Plastic, black, blank, Tipmatic Plus compatible

Item No. 514.300.22.0015 514.000.22.9762 PU 1000 pieces

- \* \*\* on request with individual company logo
- \* \*\* on request with Grass imprint
- on request with Grass embossed

Drilling patterns for press-fit version

All dimensions in millimetres.

Tipmatic Plus Click-on	Page 6.8	Tipmatic Plus Mirro	Page 6.12	Click-on mounting plates	Page 2.62 - 2.71
Tipmatic Plus 170°	Page 6.10	Tipmatic pin	Page 6.14 - 6.17		







### **ILLUXO**

The unique hinge light system. Moving light turns every piece of furniture into an event. Light the motion.





# Light the motion.

Every movement will become a parade of light with illuxo.





Pleasure and sense have perhaps never come so close. illuxo not only offers functional light design but also a unique experience.

Opening a door with illuxo is like drawing back the stage curtain at a concert. The cones of light cast by illuxo move like the stage spotlights of your very own performance, producing unparalleled light effects.

Whether in kitchen, bathroom or living area, light has long since become an integral part of modern furniture; it touches your senses and appeals to your feelings. Areas such as caravan construction or yacht building also offer a wide range of applications for the hinge light system illuxo. Light brings furniture to life.

The new illuxo hinge-light system adds a fascinating facet to your imagination: illuxo offers light design with moving light.

Nexis

Nexis Click-on

Nexis Slide-on

snap On 3000

Soft-close

Tipmati

illuxo

ndex

# Light the motion.

Door movements provide unforgettable lighting effects.





# The design and function of illuxo adapted to the hinges Nexis Click-on series are a perfect harmony.

illuxo not only looks elegant, it is also easy to use. The hinge-light system can be quickly and securely combined with the hinges of the Nexis Click-on series without the need for tools. In addition to that illuxo can newly be combined with the unique hinge system for mirror and glass doors.

#### Practically:

illuxo can be fitted immediately or at a later date.

Battery-powered, without the need for wiring and with integrated switch, your application options are virtually unlimited. Isn't it wonderful when functionality, technology and design combine in an integral system like illuxo as well as improving the furniture experience.

#### illuxo redefines the joy of furniture.

And in combination with Soft-close – the matching hinge-damping system from Grass – illuxo is setting new standards in premium furniture design.

#### illuxo Click-on

For quick-fit hinges with click-on technology

















#### Mounting is toolless, easy and quick:

- 1 Take door off the cabinet. Insert illuxo Click-on adapter into notches located on the sides of the hinge cup and attach adapter.
- 2 Press both sides of the adapter downwards until you hear a noticeable "Click".
- 3 Insert LED-Spot into the illuxo Click-on adapter.
- 4 Insert completely into the adapter.
- 5 Insert battery into the battery cover cap.
- 6 Attach battery cover cap onto the illuxo Click-on adapter and click-on with soft pressure.

Click-on cabinet door to mounting plates.





- Can be fitted to existing installations
- Wireless power supply
- Energy-saving LEDs
- Tool-less mounting
- Integrated automatic switching
- No heat produced

Not suitable for frame doors.

illuxo Click-on	light color	item no.
illuxo Click-on set, white	0	924.200.40.7074
illuxo Click-on set, blue		924.200.40.7054
PU (Packing Unit)		1 set

Battery	item no.
Lithium battery 3,6 Volt 1/2 AA	924.000.70.0000
PU (Packing Unit)	1 pc.

#### 1 set consists of:

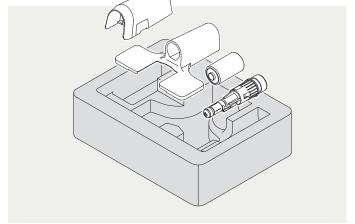
- 1 illuxo Click-on adapter
- 1 LED-Spot (with white or blue light)
- 1 Battery cover cap
- 1 Battery











\*The used LED corresponds to laser class 1

#### illuxo Mirro

for Nexis Click-on Mirro hinges.

















#### Easy and quick mounting:

- 1 Take door off the cabinet. Position illuxo Mirro adapter and screw together.
- 2 Insert LED-Spot into the illuxo Mirro adapter.
- 3 Insert completely into the adapter.
- 4 Insert battery into the battery cover cap.
- 5 Attach battery cover cap onto the illuxo Mirro adapter and click-on with soft pressure.

Click-on cabinet door to mounting plates.





- Can be fitted to existing installations
- Wireless power supply
- Energy-saving LEDs
- Can be combined with Soft-close
- Integrated automatic switching
- No heat produced

illuxo Mirro	light color	item no.
illuxo Mirro set, white		924.200.38.7074
illuxo MIrro set, blue		924.200.38.7054
PU (Packing Unit)		1 set

Battery	item no.
Lithium battery 3,6 Volt 1/2 AA	924.000.70.0000
PU (Packing Unit)	1 pc.

#### 1 set consists of:

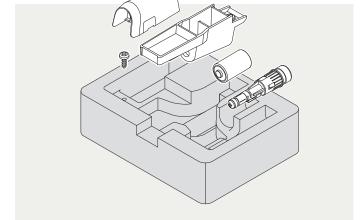
- 1 illuxo Mirro adapter
- 1 Special screws M3 x 10
- 1 LED-Spot (with white or blue light)
- 1 Battery cover cap
- 1 Battery











\*The used LED corresponds to laser class 1

# illuxo range overview

Usage options with existing hinge series



#### Range overview for illuxo Click-on hinges Cranking/Angle **04** Opening angle 100° C00 (full overlay) without cover cap C08 (half overlay) C15 (inset) without cover cap **05** Opening angle 95° C00 (full overlay) without cover cap C08 (half overlay) C15 (inset) 22 Opening angle 110° C00 (full overlay) without cover cap C08 (half overlay) 29 Opening angle 125° C00 (full overlay) C08 (half overlay) $\boldsymbol{05}$ Opening angle $95\,^\circ$ $\mathbf{30}\,^{\circ}$ Angle hinge (half overlay) 30° Angle hinge (inset) 45° Angle hinge (inset) 45° Angle hinge (full overlay) 29 Opening angle 125° -14° Angle hinge

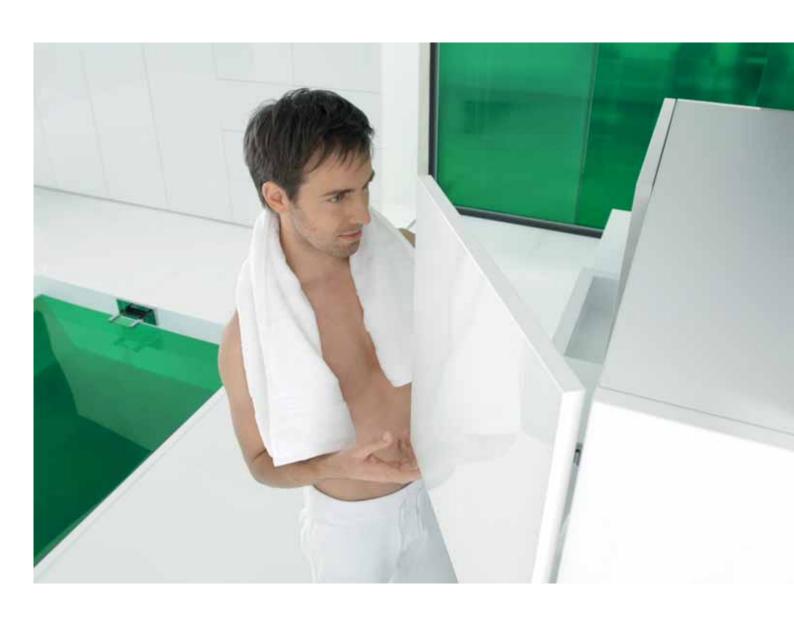






#### Range overview for illuxo Mirro hinges

Function	Cranking/Angle	Overlay +1 mm	Standard	Overlay -3 mm
<b>07</b> Opening angle 128°	C00 (full overlay)	•	•	•
<b>07/-15</b> Opening angle 128°	-15° Angle hinge	•	•	•





# 08



#### **SPECIAL** HINGES

Hinges for special applications. Where individual special solutions are called for.





# Hinges for special applications

Product overview.



Opening angle	Drill hole	Short description	Full overlay	Half overlay	Inset	Page
90°	35 mm	Flap hinge  • For flap thickness up to 20 mm  • Cup edge cover  • 3-dimensional adjustment				8.4
90°	30 mm	Flap hinge  • For flap thickness up to 20 mm  • Suitable for thin bases				8.6
95°	26 mm	A 90/E 90 mini-hinge with direct mounting on cabinet side wall  One-piece hinge Three-point fastening on cabinet	A			8.8
180°		Glass door hinge with direct mounting on cabinet side wall  Particularly shallow construction Fastens on door without drilling				8.10
210°		+30/-30 glass door hinge with direct mounting on cabinet side wall • Universal for cabinet angles +30° to -30° • Fastens on door without drilling				8.12
95°	26 mm	A 90GL/E 90GL glass door hinge with direct mounting on cabinet side wall  One-piece glass door hinge Three-point fastening on cabinet				8.14
130°	35 mm	ACC 140  • One-piece hinge for face frame constructions  • For door overlay 26 to 29 mm  • Self-closing				8.16

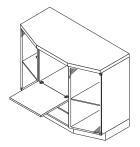
Index

# Flap hinge

90° flap hinge with 35 mm cup.



- Opening angle 90°
- For flap thicknesses up to 20 mm
- · Cup edge cover
- Hinge is supplied unassembled
- Identical drilling pattern for base and flap door
- 3-dimensional adjustment
- Sturdy design



#### Full overlay



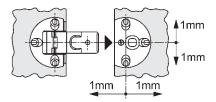


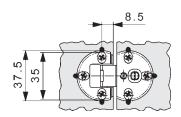
Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

	Item No.	
for screw fixing	210.735.04.0015	
	PU 250 pieces	

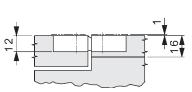
#### Full overlay

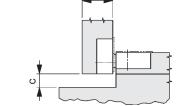






Fixing of flap and base parts using cheese head screws Ø 3 x 13 m (screws not included).

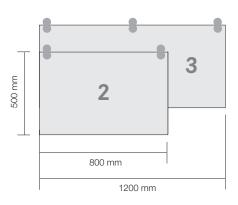




Flap thickness (b)	14	15	16	17	18	19	20
Gap min. (c)	0.2	1.0	2.0	3.0	3.8	5.0	6.0

Hinge dimensions and calculation of gap based on factory setting.

#### Number of hinges required



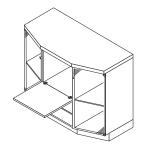
All dimensions in millimetres.

# Flap hinge

90° flap hinge with 30 mm cup.



- $^{\bullet}$  Opening angle 90°
- With minimal recess depth of 4 mm, also suitable for thin bases
- For flap thicknesses up to 20 mm
- Flush installation
- Base and flap parts supplied as one unit
- Minimal gap



#### Full overlay

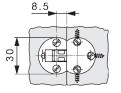




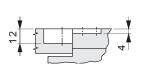
Hinge cup: white plastic Hinge arm: Zamak, nickel-plated

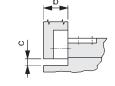
	Item No.	
for screw fixing	212.130.03.0070	
	PU 250 pieces	

#### Fitting dimensions



Fixing of flap and base parts using cheese head screws Ø 3 x 13 m (screws not included).

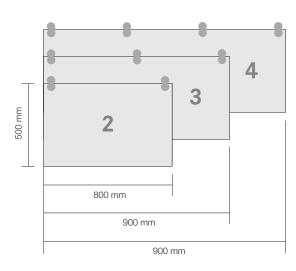




Flap thickness (b)	14	15	16	17	18	19	20
min. gap (a)	0.2	1.0	2.0	3.0	3.8	5.0	6.0

Hinge dimensions and calculation of gap based on factory setting.

#### Number of hinges required



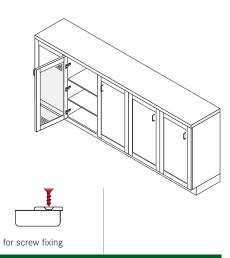
All dimensions in millimetres.

# A 90 / E 90

Mini-hinge with direct mounting on cabinet side wall.



- Opening angle 90°
- With Ø26 mm cup hole, ideal for small framed doors
- One-piece hinge
- Optional three-point fastening on cabinet
- Height adjustment via slot



#### Full overlay

#### A 90





Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

Item No.	
290.417.61.6015	
PU 250 pieces	

#### Half overlay

#### A 90





Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

Item No.	
290.417.61.5015	
PU 250 pieces	

#### Inset

#### E 90

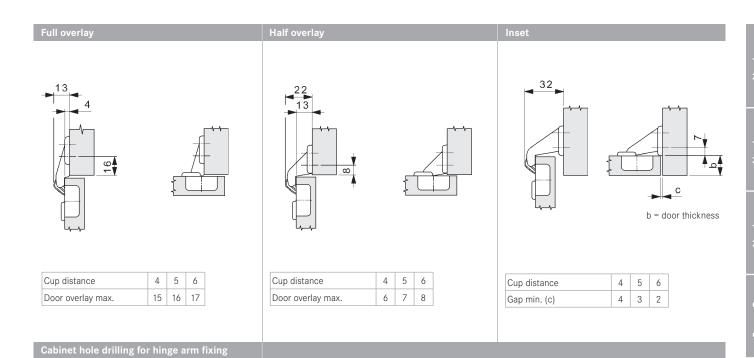


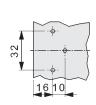


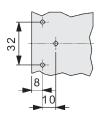
Cup hinge: steel, nickel-plated Hinge arm: Zamak, nickel-plated

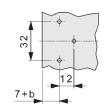
Item No.	
290.417.61.0015	
PU 250 pieces	

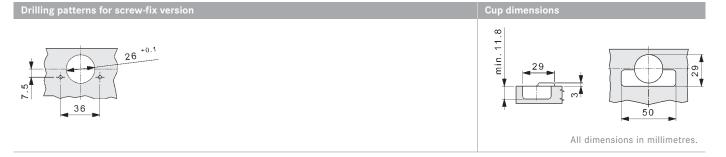
Index









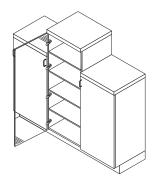


# A 90GL / E 90GL

Glass door hinge with direct mounting on cabinet side wall.



- Opening angle 92°
- One-piece glass door hinge
- Ideal for display cabinets
- Optional three-point fastening on cabinet
- · Height adjustment via slot



#### Half overlay

#### A 90GL





Hinge cup: black plastic Hinge arm: Zamak, nickel-plated

Item No.	
290.117.93.5084	
PU 250 pieces	

#### Inset

#### E 90GL





Hinge cup: black plastic Hinge arm: Zamak, nickel-plated

Item No.	
290.117.93.0084	
PU 250 pieces	

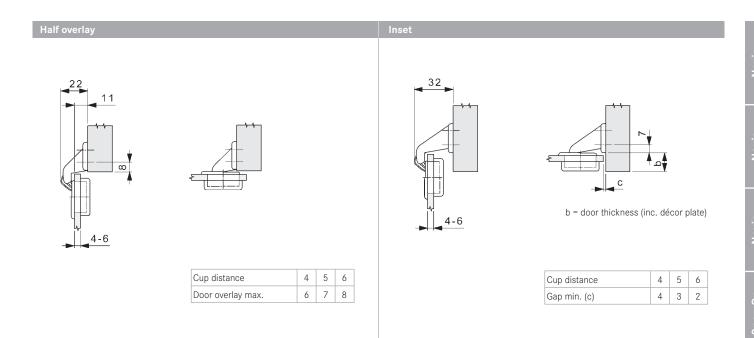
#### Decorative cover caps



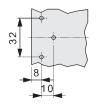


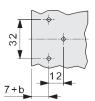
Colour	Item No.	Item No.
nickel, velour	359.000.81.1616	359.000.81.1016
stainless steel	359.000.81.1617	-
nickel, structured	359.000.81.1619	359.000.81.1019
brass, structured	359.000.81.1635	359.000.81.1035
brass, velour	359.000.81.1636	359.000.81.1036
silver RAL 9006	359.000.81.1646	359.000.81.1046
black	359.000.81.1662	359.000.81.1062
chromium finish	359.000.81.1682	-
	PU 25 pieces	PU 25 pieces

Index

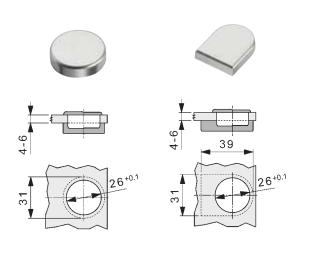


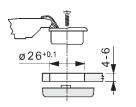
# Cabinet hole drilling for hinge arm fixing





#### Hinge cup drilling and fixing





Method of fixing the hinge cup: with screws Ø 2.9 x 10.5 mm (screws included)

All dimensions in millimetres.

# Glass door hinge

180° glass door hinge with direct mounting on cabinet side wall.



- Opening angle 180°
- Particularly shallow construction
- · Fastens on door without drilling
- For glass thicknesses 4 to 6 mm



## Inset LA/RB







Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

left side (above) right side (below)

	Item No.	
LA/RB	298.705.92.5015	
	PU 250 pieces	

#### RA/LB





Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

right side (above) left side (below)

	Item No.	
RA/LB	298.705.92.5115	
	PU 250 pieces	

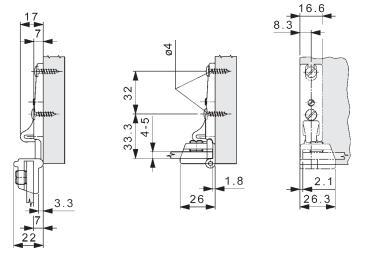
#### Pull



Zamak, nickel-plated Fixing with double-sided adhesive pad

Item No.	
371.290.00.0015	
PU 250 pieces	

#### Inset

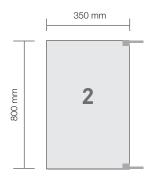








Stick the double-sided adhesive pad on the corner of the glass door. Peel off the protective foil. Place the glass door, the side with the pad facing outwards, into the already mounted hinge. Tighten the fixing screw.



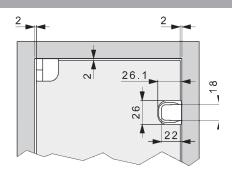
Density: 2.5 kg/dm³ = 4.2 kg for 6 mm glass thickness

#### Pull





Decide the pull position, stick the double-sided adhesive pad onto the glass door. Peel off the protective foil. Place the glass door, the side with the pad facing outwards, into the pull. Tighten the fixing screw. (max. 2 Nm).



All dimensions in millimetres.

# Glass door hinge +30/-30

+30° up to -30° variable-angle glass and mirror door hinge with direct mounting on cabinet side wall.



- Opening angle 210°
- Universal for cabinet angles +30  $^{\circ}$  to -30  $^{\circ}$
- · Fastens on door without drilling
- Ideal for small doors
- For glass thicknesses 5 to 6 mm



# Full overlay LA/RB Item No. LA/RB 298.706.91.5015 Hinge cup: Zamak, nickel-plated left side (above) PU 250 pieces

# RA/LB

Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

Hinge arm: Zamak, nickel-plated

right side (above) left side (below)

right side (below)

	Item No.	
RA/LB	298.706.91.5115	
	PU 250 pieces	

#### Pull



Zamak, nickel-plated Fixing with double-sided adhesive pad

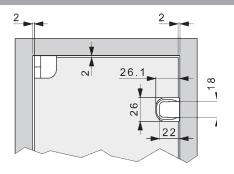
Item No.	
371.290.00.0015	
PU 250 pieces	

# 16 + 30 - 30° 350 mm Stick the self-adhesive pad onto the corner of the glass door. Place the glass door, 800 mm 2 the side with the pad facing outwards, into the already mounted hinge. Tighten the fixing screw.

#### Dadi



Decidethe pull position, stick the double-sided adhesive pad onto the glass door. Peel off the protective foil. Place the glass door, the side with the pad facing outwards, into the pull. Tighten the fixing screw. (max. 2 Nm).



All dimensions in millimetres.

Density:  $2.5 \text{ kg/dm}^3 = 4.2 \text{ kg}$  for 6 mm glass thickness

#### **ACC 140**

130° - hinge for face frame constructions.



- Opening angle 130°
- One-piece hinge for face frame constructions
- No drilling in frame required
- For door overlays 26 to 29 mm
- Self-closing
- 2-D adjustment





for screw fixing

#### Half overlay



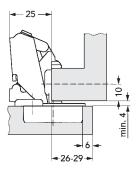


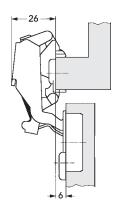
Hinge cup: Zamak, nickel-plated Hinge arm: Zamak, nickel-plated

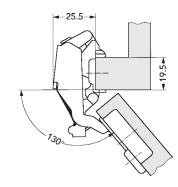
Drilling pattern	item No.	
48/12	276.743.59.9215	
	PU 125 pieces	

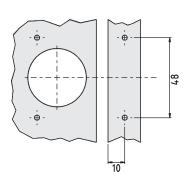
ndex

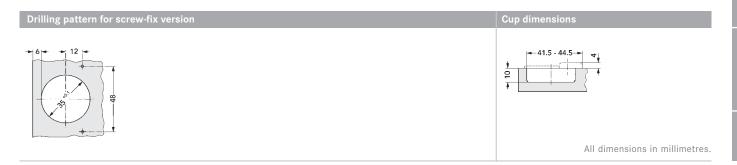
Half overlay













#### **CABINET MAKING ACCESSORIES**

Small components with great effect. Shelf supports, connection screws, door stops, corner connectors, etc.





# Product overview.

	Seite
Connecting shelf support	9.2
Shelf support Screws	9.3
Mitre joint fastener	9.4
 Corner connector Front panel adjuster Door stopper	9.5
Eccentric connector Fixograss 9200	9.6

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# **Cabinet making accessories**

Connecting shelf support Fixograss 9000.

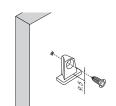


- Shelf support with cabinet connecting function
- Avoids possible buckling of cabinet side wall
- · For heavily loaded shelves
- For minimum shelf thickness 19 mm
- · Clips to prevent working loose

#### Shelf support for screw fixing with wood screws (length 13 mm, Ø 3.5 mm)





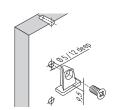


Item No.	Item No.
43028-42	43028-56
PU 100 pieces	PU 2000 pieces

#### Shelf support for screw fixing with Euro screws (length 13 mm, Ø 6.2 mm)



Zamak, nickel-plated

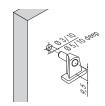


Item No.	Item No.
43036-42	43036-56
PU 100 pieces	PU 2000 pieces

#### Shelf support with steel pin for push-fit



Zamak, nickel-plated

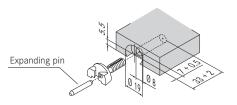


Ø Pin	Item No.	Item No.
3 mm	45392-42	45392-56
5 mm	45314-42	45314-56
	PU 100 pieces	PU 2000 pieces

#### Housing







Item No.	Item No.
43056-42	43056-56
PU 100 pieces	PU 2000 pieces

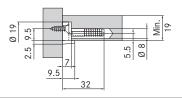
#### Expanding pin



Steel, zinc-plated

Item No.	Item No.
43053-42	43053-58
PU 100 pieces	PU 10000 pieces

#### Fitting dimension

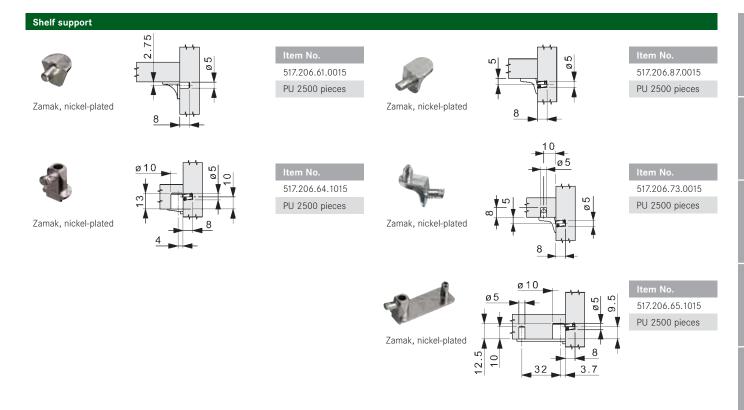


PU = packaging unit

# **Cabinet making accessories**

Shelf supports, screws.

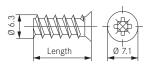




#### Fixing screws

#### 191 / 192 Euro screw, nickel-plated

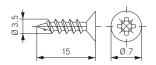




Item No. /Ø 6.3 x 10.5 mm	Item No. /Ø 6.3 x 13 mm
711.331.61.9715	707.331.61.9715
PU 5000 pieces	PU 1000 pieces

#### 198 Chipboard screw, nickel-plated





#### Item No. /Ø 3.5 x 15 mm

707.333.51.9715

PU 1000 pieces

All dimensions in millimetres.

Nexis Click-on

Nexis Slide-on

Snap On 3000

Soft-close

Tipmatic

# **Cabinet making accessories**

Mitre joint fasteners.

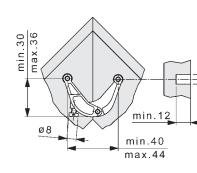
#### Mitre joint fastener



Zamak, raw

min.30 max.36





371.001.03.0074

PU 500 pieces

Item No. 371.201.00.0801 PU 500 pieces



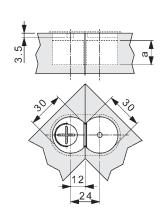
Mitre joint fastener for thick profiles and worktops

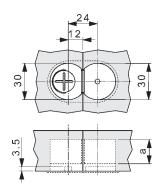
min.12

min. 40 max. 44



Zamak, raw White plastic







371.001.02.0074

PU 500 pieces



PU = packaging unit

# **Cabinet making accessories**

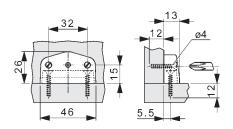
Corner connector, front panel adjuster, door stopper.



### Corner connector



White plastic



## Item No.

363.000.10.0074

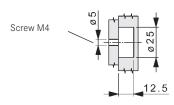
PU 1000 pieces



### Front panel adjuster



Black plastic



### ltem No.

351.002.00.2662

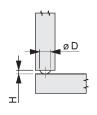
PU 2000 pieces



### Door stopper



Transparent plastic



Item No. D/7 mm, H/1.5 mm	Item No. D/10 mm, H/3 mm
630.000.03.0750	630.000.03.1050
PU 2500 pieces	PU 2500 pieces

All dimensions in millimetres.

Impresso

Nexis Click-on

Nexis Slide-on

Snap On 3000

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Cabinet scessories

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# **Cabinet making accessories**

Eccentric connector Fixograss 9200.

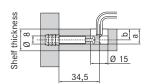


- · For connecting the side wall with cabinet top, base or shelf
- Sturdy connection fitting, small size
- Different fixing methods with different steel bolts.
- Easy to fit
- · Eccentric installation with SW5 Allen key

### **Eccentric connector**



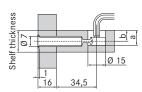
Zamak, nickel-plated



Assembly drawing for corner bolts

Shelf thickness	Item No.	Item No.
14 - 16 mm	43000-42	43000-56
17 – 20 mm	43007-42	43007-56
21 – 23 mm	43015-42	43015-56
	PU 100 pieces	PU 2000 pieces





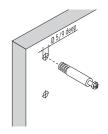
	а	b
Shelf thickness 14 - 16	12.5	8.0
Shelf thickness 17 - 20	15.0	9.5
Shelf thickness 21 - 23	16.2	11.0

Assembly drawing for countersink bolts or twin bolts

### Corner bolts for fixing with Euro thread Ø 6 mm



Steel, zinc-plated

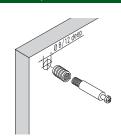


Item No.	Item No.
44883-42	44883-56
PU 100 pieces	PU 2000 pieces

### Corner bolts for fixing with dowel Ø 8 mm/M5



Steel, zinc-plated



Item No.	Item No.
44748-42	44748-56
PU 100 pieces	PU 2000 pieces

Dowel Ø 8 mm/M5



White plastic

Item No.
85142-58
PU 10000 pieces

PU = packaging unit

### Corner bolts for fixing with dowel Ø 10 mm/M5

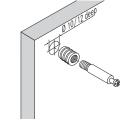
### Dowel Ø 10 mm/M5



White plastic



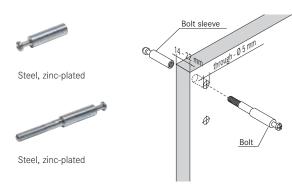
Steel,	zinc-plated	



Item No.	Item No.
43024-42	43024-56
PU 100 pieces	PU 2000 pieces

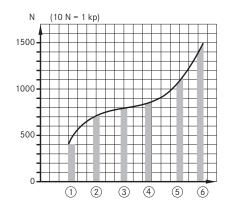
83050-58 PU 10000 pieces

### Twin bolts for through-fixing Ø 5mm



Bolt casing	Item No.	Item No.	
	44841-42	44841-56	
	PU 100 pieces	PU 2000 pieces	

Bolt screw	Item No.	Item No.
	44842-42	44842-56
	PU 100 pieces	PU 2000 pieces



- (1) Dowel Ø8/M5 (not glued)
- (2) Dowel Ø8/M5 (glued)
- (3) Euro ø 6 x 11
- (4) Dowel Ø10/M6 (not glued)
- (5) Dowel Ø10/M6 (glued)
- (6) Twin bolts

The max. loads given in the diagram are guideline values and refer to the axial pull-out resistance (of the bolts on the cabinet side wall).

The decisive factors are the quality of materials and the diameter of the hole.

In cases of uncertainty, the pull-out resistance values should be determined with a trial installation.

All dimensions in millimetres.







# **INSTALLATION** TECHNOLOGY

Assembly and installation jigs.
Tried and tested technology that is economical for professional applications.



# **Assembly aids**

for Soft-close Impresso, Soft-close Pin and Nexis mounting plates.

### Knock-in tool for Impressso Soft-close adapter



Open the Nexis impresso hinge cup flap.

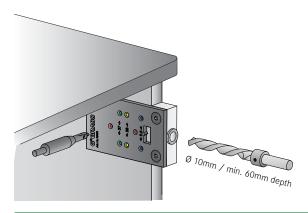
Set the knock-in tool onto the inserted Soft-close Impresso adapter and knock in.

Item No

95590

PU 1 piece

### Drilling template for adapter plates and drill-in damper



Item No

95470

PU 1 piece

The Grass drilling template for Soft-close can be used to drill the holes for all types of adapter plates and the drill-in damper.

### Information:

Drill bits are not included!

### Pilot drill bit



To predrill holes when using chipboard screws  $\emptyset$  3,5 mm.

Item No.

35692

PU 1 piece

### Drill bit with stop ring Ø 10 mm



Item No

38823

PU 1 piece

### Template for mounting plates



To mark and predrill Nexis linear and cross mounting plate positions.

Item No.

514.002.55.0062

PU 1 piece

### Screw driver



Grass screw driver (Pozidrive size 2)

Item No

10256-00

PU 1 piece

# **Jig 500**

The hinge drilling jig.





Drilling jig for hinges for wood screw fixing, fixing with pre-mounted dowels or Impresso hinges with drilling pattern 48/9 and for cross mounting plates.

### Hinge drilling jig



### Item No

949.304.05.0000

PU 1 set

- 1 set consists of:
- 1 drilling jig
- 1 template for cross mounting plates
- 1 drill bit
- 1 drill bit Ø 35 mm
- 2 drill bits Ø 8 mm

### Template for cross mounting plates



### Item No.

949.004.05.0062

PU 1 piece







INEXIS

Nexis Click-on

Nexis lide-on

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# **Assembly aids**

for Snap On 3000 series.

### Fixing bracket for Snap On 3000 mounting plates



The fixing bracket is used to position and to screw on Snap On 3000 baseplates (linear and cross versions).

with gap	Item No.
0.5 mm	90890
2.0 mm	20278
	PU 1 piece

### Grip



For using with fixing bracket an mounting jig 16741/92611 (not in the product range any longer).

Item No.
90890
PU 1 piece

### Drilling jig for Snap On 3000 mounting plates



To predrill hole positions for Snap On 3000 linear and cross mounting plates.

with gap	Item No.
0.5 mm	31264
2.0 mm	15254
	PU 1 piece

### Marking jig for Snap On 3000 mounting plates



To mark the hinge position. To use by redrilled 32 mm system line boring and Snap On 3000 cross mounting plates.

Item No.
38207
PU 1 piece

### Knock-in tool for Snap On 3000 linear mounting plate with dowels



Suitable for all heights.

Item No.
89594
PU 1 piece

### Knock-in tool for Snap On 3000 165° wide angle hinge with dowels



For 165° wide angle hinges. with dowels.

Item No.
30001
PU 1 piece

# **Assembly aids**

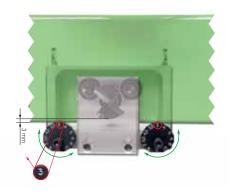
for Snap On 3000 series.



### Eurodrill drilling jig for Snap On 3000 hinges



- Jig for drilling hole pattern of Grass hinge cups with a hand drill (ideal for drilling doors on site, e.g. when installing cabinets at the customer's premises)
- The cup distance can be easily ad-justed from 3 mm to 11 mm by rotating the wheel
- The slip-proof base provides a very good hold during the drilling operations



### Item No.

94771

PU 1 piece

- 1 set consists of:
- 1 Eurodrill jig
- 1 x 35 mm drill bit
- 2 x 8 mm drill bit
- 1 x hex. screwdriver bit
- 1 x 3 mm Allen key
- 1 x 4 mm Allen key

### Replacement drill bit Ø 8 mm

	Item No.	
right	94755	
	PU 1 piece	

### Replacement drill bit Ø 35 mm

	Item No.	
right	94758	
	PU 1 piece	

### Flap screw

For	faste	ning
the	stop	bar.

Item No.
02164
PU 1 piece

### Stop bar

Length	Item No.
600 mm	02044
2000 mm	02047
	PU 1 piece

### Stop

Item No.	
88918	
PU 1 piece	

Nexis

Click-on

Nexis Slide-on

snap Un 3000

soft-clos

**Fipmatic** 

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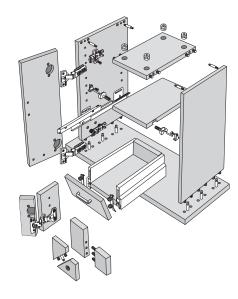
# **Drilling and insertion machines**

You will find all drilling and insertion machines in our brochure "Installation Technology", Item No. 71114-00

### Combipress 23/19



- Hinges
- · mounting plates with dowels
- Drawer slides
- · Drawers and Front drawers
- 32 mm line boring
- Construction supports
- Dowels
- Frame connections, 90° mitre
- Handles



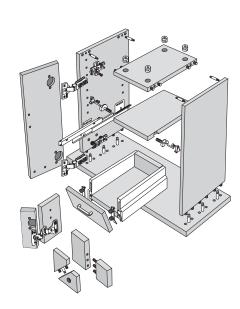
- Gearbox can be swivelled through 90°
- Vertical-gearbox (23-spindles), and horizontal-gearbox (19-spindles), 32mm
- · Digital pneumatic control
- Several side stops for efficient operation
- · Pneumatic hold-down blocks
- High quality standard thanks to Grass own development.
- Easy handling

# **∠ combi**press

### Flexipress V/H



- Hinges
- mounting plates with dowels
- Drawer slides
- Drawers and Front drawers
- 32 mm line boring
- Construction supports
- Dowels
- Frame connections, 90° mitre
- Handles



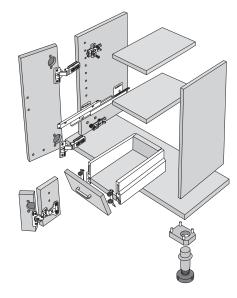
- 90° turning 22-spindle vertical gearbox
- Bore depth stop with scale
- · Easy maintenance
- · Drilling distance adjustment using hand wheel
- 3-spindle horizontal gearbox
- Simple, quick and efficient operation
- Compact design, sturdy machine base

✓ flexipress

### **Ecoflex**



- Hinges
- · mounting plates with dowels
- Drawer slides
- Drawers and Front drawers
- 32 mm line boring
- Construction supports
- Dowels
- Frame connections, 90° mitre
- Handles
- Furniture legs



# • Drilling depth stop in gearbox

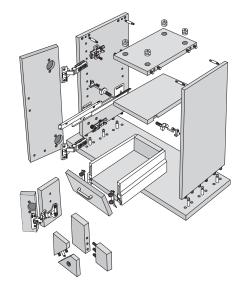
- · Stop guide adjustment with clamping lever
- Integrated dust extraction
- Hold-down block
- Simple, well-conceived handling = efficient operation
- · Compact construction

# **∠ eco**flex

### Multiflex



- Hinges
- mounting plates with dowels
- Drawer slides
- Drawers and Front drawers
- 32 mm line boring
- Construction supports
- Dowels
- Frame connections, 90° mitre
- Handles



- 14-spindle vertical gearbox, 90° swivel
- · Drilling depth stop with scale
- Service-friendly
- Stop guide adjustment with handweel
- 3-spindle horizontal gearbox
- Simple, well-conceived handling = efficient operation
- Compact construction, sturdy machine base

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		11519-53	4.31	137.622.51.0815	6.18	138.765.73.0015	2.14
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		12354-41	4.6	138.305.74.0015	2.16	145.305.54.1515	6.20
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		12639-34	4.8	138.329.73.0015	2.12	145.405.54.0315	6.21
		12640-34	4.8	138.329.73.0815	2.12	145.405.54.9615	6.21
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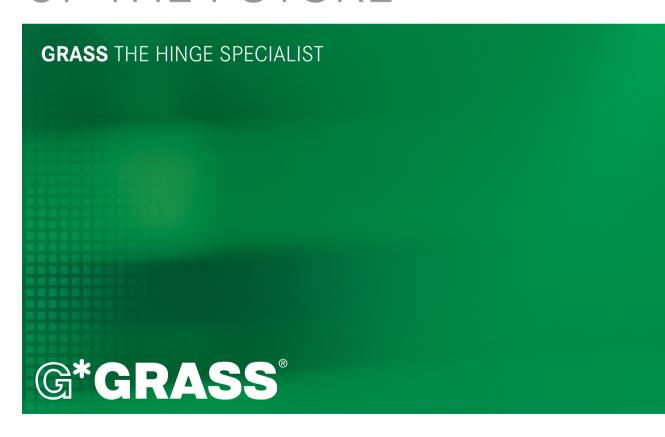
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# **Notes**



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