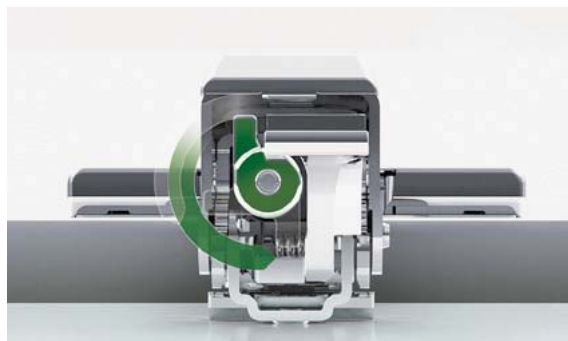




**G\* GRASS®**

## HINGE SYSTEMS

Our versatile hinge systems offer everything that moves doors: finely tuned movement systems with style, top quality workmanship, perfect function and operating comfort.





Tiomos – The best possible movement solution for furniture doors.





## TIOMOS HINGE SYSTEM



reddot design award  
honourable mention 2010

**With Tiomos a vision  
has become reality.**

Hinges were already used in ancient times. With Tiomos, GRASS is now opening a new chapter that will inspire the furniture makers of the future. The development of Tiomos has benefited from several decades of know-how and experience. Years of research have been dedicated to reconceptualising and developing every detail and function from the bottom up. The result is a very elegant movement system which already meets all technical and functional requirements of the future.



## Soft-close inside.

The whole damper technology is concealed within the hinge arm.

### Three levels for individual comfort.

In addition to its many special functions, timeless design and unique character, Tiomos offers stepwise adjustment of the damping level. The action of the Soft-close damper can be easily adjusted to individual requirements – a turn of the lever is all that is needed.



For stronger damping action, turn the adjustment lever by 90° to the right.



Tiomos hinges leave the factory with the adjustment lever in the horizontal position.



For a gentler closing action, the adjustment lever of the Soft-close damper is turned to the left by 90°.





You can tell the quality of a hinge system by how long a hinge will function without developing a fault and how much it will drop under load. Tiomos has achieved exceptionally positive values in tests for durability and for dropping under load.

## TIOMOS HINGE SYSTEM

In most cases a masterpiece is the sum total of small strokes of genius. Tiomos is the best example to prove the point.

One of the outstanding characteristics of the new hinge system is the Soft-Close damper which features stepwise adjustment and is fully concealed within the hinge arm. The complex inner workings of this high-tech hinge are hidden from view, much like a Swiss clock movement, and cannot fail to impress with their unique damping characteristics. The closing process in each movement phase is smooth and completely without transition, starting from an opening angle of 20°. Irrespective of the size and weight of the door.



### One range to cover all applications.

Consistent design solutions are only possible when all kinds of door applications can be covered by a single hinge system. The systematically extended Tiomos range provides perfect movement solutions for glass, mirror or aluminium frame doors through to doors opening at variable wide angles and offers the perfect movement for nearly all applications. With and without damping function.



### Perfect alignment with a twist of the hand.

For fine adjustment, the Tiomos hinge system offers three movement dimensions: depth adjustment by + 3 to - 2 millimetres; it is based on a worm gear principle and is continuous and self-locking. The height can be adjusted by +/- 2 millimetres. The overlay adjustment is +/- 2 millimetres with limit stop.



### Another stroke of genius is the new kinematics inside Tiomos.

Thanks to physically optimised lever movements, furniture doors are extremely easy to open. In addition, this unique kinematic mechanism makes unprecedented alignment possible with minimum gaps. These unique characteristics of the new hinge system are of special benefit to furniture designers because the reduction in gaps and reveals opens up new possibilities in furniture design.



**Crystal clear:** The best of movement and fixing combined for elegant mirror and glass doors.

**As the worlds only integrated soft close hinge for mirrors and glass, Tiomos Mirro features fully integrated, damping technology for tool-free adjustment.**

This enables the use of hinges of the same design with or without a damping function in high-quality furniture construction. The complex inner workings of this hinge with its 56 components and physically optimised kinematics enable extremely smooth and easy opening of glass and mirror doors with a glass thickness of 4 to 8 mm and an opening angle of up to 125 degrees.



Tiomos Mirro is secured on the glass side of the door with an eccentric cam on a Zamak adapter. It is not necessary to drill a hole in the glass. This fastening method ensures firm attachment and has a light, floating look.



## TIOMOS MIRRO HINGE SYSTEM

Glass lends rooms a feeling of clarity and transparency. Glass elements are also often used in furniture design, and in this respect Tiomos Mirro marks a new milestone. The Soft-close damping feature of the track-proven Tiomos hinge generation concealed in the hinge arm means that glass and mirror doors can now also be gently closed, ensuring maximum comfort for modern bathroom and living environments.

In addition to the clever fastening technology that ensures firm and stable support, the front connection for high-quality mirror and glass doors is an extremely elegant solution. The hinge arm can also be easily fitted onto existing self-adhesive adapters.

**Opening and closing become flowing movements that are hardly perceptible and that do justice to the fragile material.**





**Tiomos M9** – The versatile all-rounder for slim furniture doors with a minimum thickness of 12 mm, four-sided mitred application and rebated doors.

**Maximum stability, integrated damping, purist design. Tiomos M9 combines all the advantages of the Tiomos hinge series.**

Designed especially for very slim furniture doors and a four-sided mitred application, Tiomos M9 has an extremely shallow cup depth. While each individual application for the GRASS innovation may be special, the unique Tiomos comfort is incorporated in every case. In addition to the three-dimensional adjustment and the stepless height adjustment, this also includes the outstanding kinematics that makes furniture doors open smoothly and extremely easily. Interior designers around the world are inspired by the perfect alignment with minimum gap dimensions.





# HINGE SYSTEMS

GRASS hinge systems offer perfect solutions for all applications.

	<b>TIOMOS</b> <span style="float: right;"><b>11</b></span>	Tiomos
	<b>NEXIS</b> <span style="float: right;"><b>123</b></span>	Nexis
	<b>SPECIAL HINGES</b> <span style="float: right;"><b>307</b></span>	Special hinges
	<b>SINGLE-JOINT HINGES</b> <span style="float: right;"><b>319</b></span>	Single-joint hinges
	<b>CABINET MAKING ACCESSORIES</b> <span style="float: right;"><b>335</b></span>	Cabinet making accessories



#### TIOMOS HINGE SYSTEM

The latest hinge generation made by GRASS already meets all technical and functional requirements of the future.

QUALITY CERTIFICATE  
**LGAD**



#### **Tiomos – the best possible movement solution for furniture doors.**

The briefing was: to create an innovative product with special functions, variable operating comfort, timeless design and its own unique character. And the result is something to be proud of. Tiomos is the perfect movement system for current trends in furniture design.

# TIOMOS HINGE SYSTEM




























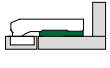










The best possible movement solution for furniture doors.  
With and without integrated damper.

Opening angle	Product designation	Application	Full overlay	Overlay	Half overlay	Inset	Page
110°	Tiomos 110		■	■	■	■	14
120°	Tiomos 120		■	■	■	■	18
160°	Tiomos 160	Wide-angle hinge	■	■	■	-	22
95°	Tiomos 95	Profiled door hinge	■	■	■	■	26
110°	Tiomos 110 AL	Aluminium frame hinge	■	■	■	■	30
110°	Tiomos 110/90A	Blind corner hinge	-	■	-	-	32
110°	Tiomos 110/90E	Blind corner hinge	-	-	-	■	36
110°	Tiomos 110/30A	+30° angle corner cabinet hinge	-	■	-	-	40
110°	Tiomos 110/30E	+30° angle corner cabinet hinge	-	-	-	■	44
110°	Tiomos 110/37A	+37° angle corner cabinet hinge	-	■	-	-	48
110°	Tiomos 110/37E	+37° angle corner cabinet hinge	-	-	-	■	52
110°	Tiomos 110/45A	+45° angle corner cabinet hinge	-	■	-	-	56
110°	Tiomos 110/45E	+45° angle corner cabinet hinge	-	-	-	■	60
120°	Tiomos 120/-15A	-15° angle corner cabinet hinge	-	■	-	-	64
120°	Tiomos 120/-30A	-30° angle corner cabinet hinge	-	■	-	-	68
120°	Tiomos 120/-45A	-45° angle corner cabinet hinge	-	■	-	-	72
100°	Tiomos 100	Refrigerator hinge	-	■	-	-	76
-	Tiomos PCC	Pie-cut corner hinge	-	-	-	■	80
95°	Tiomos 95 Mini	Mini-hinge	-	■	-	-	84
95°	Tiomos 95 GL	Glass door hinge	-	■	-	-	86
125°	Tiomos Mirro	Mirror hinge	■	-	■	■	88
125°	Tiomos Mirro	Mirror/transparent glass hinge	■	-	■	■	90
110°	Tiomos M9	Mitred/rebated door hinge	■	-	■	■	94
110°	Tiomos M0	Slim door hinge	■	-	■	■	100




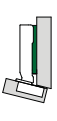

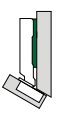

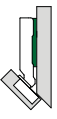

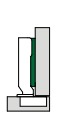

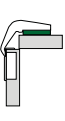

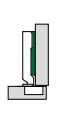

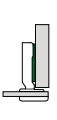

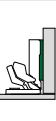

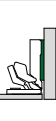







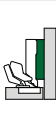
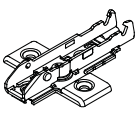
Tiomos mounting plates	102
Accessories	112
Technical information	116
Tipmatic	302
Installation technology	354
Assembly aids	358

# TIOMOS HINGE SYSTEM

The best possible movement solution for furniture doors.  
With and without integrated damper.

Opening angle		Product description	Full overlay	Overlay	Half overlay	Inset	Page
110°		<b>Tiomos 110</b> • Optimum reveals up to 24 mm door thickness • Convenient depth adjustment via worm gear					14
120°		<b>Tiomos 120</b> • Optimum reveals up to 22 mm door thickness • Convenient depth adjustment via worm gear					18
160°		<b>Tiomos 160</b> • Optimum reveals up to 32 mm door thickness • Shallow cup depth • For cabinets with inset drawers or pull-out shelves				-	22
95°		<b>Tiomos 95</b> • Optimum reveals up to 28 mm door thickness • Convenient depth adjustment via worm gear					26
110°		<b>Tiomos 110 AL</b> • Optimum reveals with aluminium frames up to max. 24 mm frame thickness and 22 mm frame width • Hinge not visible from the outside					30
110°		<b>Tiomos 110/90A</b> • Hinge for blind corner constructions • Convenient depth adjustment via worm gear	-		-	-	32
110°		<b>Tiomos 110/90E</b> • Hinge for blind corner constructions • Convenient depth adjustment via worm gear	-	-	-		36
110°		<b>Tiomos 110/30A</b> • For 30° angled cabinets • Convenient depth adjustment via worm gear	-		-	-	40
110°		<b>Tiomos 110/30E</b> • For 30° angled cabinets • Convenient depth adjustment via worm gear	-	-	-		44
110°		<b>Tiomos 110/37A</b> • For 37° angled cabinets • Convenient depth adjustment via worm gear	-		-	-	48
110°		<b>Tiomos 110/37E</b> • For 37° angled cabinets • Convenient depth adjustment via worm gear	-	-	-		52
110°		<b>Tiomos 110/45A</b> • For 45° angled cabinets • Convenient depth adjustment via worm gear	-		-	-	56



Opening angle		Product description	Full overlay	Overlay	Half overlay	Inset	Page
110°		<b>Tiomos 110/45E</b> • For 45° angled cabinets • Convenient depth adjustment via worm gear	-	-	-		60
120°		<b>Tiomos 120/-15A</b> • For -15° angled cabinets • Convenient depth adjustment via worm gear	-		-	-	64
120°		<b>Tiomos 120/-30A</b> • For -30° angled cabinets • Convenient depth adjustment via worm gear	-		-	-	68
120°		<b>Tiomos 120/-45A</b> • For -45° angled cabinets • Convenient depth adjustment via worm gear	-		-	-	72
100°		<b>Tiomos 100</b> • For refrigerator doors (sliding system) • Convenient depth adjustment via worm gear	-		-	-	76
-		<b>Tiomos PCC</b> • For connecting two corner cabinet doors • Convenient depth adjustment via worm gear	-		-	-	80
95°		<b>Tiomos 95 Mini</b> • For small doors and doors with narrow frames • Convenient depth adjustment via worm gear	-		-	-	84
95°		<b>Tiomos 95 GL</b> • Glass door hinge, 26 mm cup • Convenient depth adjustment via worm gear	-		-	-	86
125°		<b>Tiomos Mirro</b> • Glass and mirror door hinge, self-adhesive • Convenient depth adjustment via worm gear		-			88
110°		<b>Tiomos M9</b> • For four-sided mitred application, slim and rebated doors • Convenient depth adjustment via worm gear		-			94
125°		<b>Tiomos M0</b> • Simple screw mounting without cup hole • For door thicknesses of 6 - 10 mm		-			100
		<b>Tiomos mounting plates</b>					102

Tiomos

Nexis

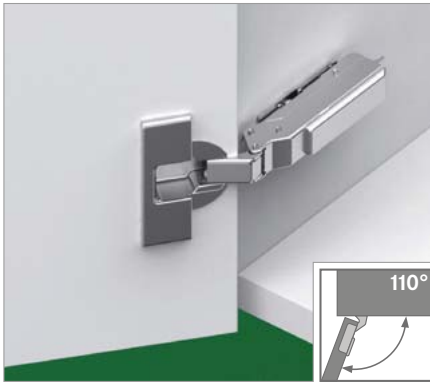
Special hinges

Single-joint hinges

Cabinet making accessories

# TIOMOS 110

110° hinge (door thicknesses up to 24 mm)



- 110° opening angle
- Optimum reveals for door thicknesses up to 24 mm
- Convenient depth adjustment via worm gear
- 3-dimensional adjustment with appropriate mounting plate

#### Available in 3 versions:

- With integrated damper (3 adjustable damping levels)
- Without integrated damper
- Without self-closing mechanism (without spring)

## ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

Door overlay	Cranking	Damper			Item No.			
		with	without	without spring	Click-on			Impresso without tools
					For screw fixing	For press fitting	Quick <sup>3</sup>	
Full overlay <sup>1</sup>	0	■	-	-	<b>F028138519</b>	<b>F028138523</b>	<b>F022140090</b>	<b>F017139329</b>
		-	■	-	<b>F045138457</b>	<b>F045138461</b>	<b>F039140030</b>	<b>F034139300</b>
		-	■	■	<b>F046138579</b>	-	-	<b>F035139357</b>
Overlay <sup>1</sup>	3	■	-	-	<b>F028138520</b>	<b>F028138524</b>	<b>F022140091</b>	<b>F017139330</b>
		-	■	-	<b>F045138458</b>	<b>F045138462</b>	<b>F039140031</b>	<b>F034139301</b>
		-	■	■	<b>F046138580</b>	-	-	<b>F035139358</b>
Half overlay <sup>2</sup>	9.5	■	-	-	<b>F028138521</b>	<b>F028138525</b>	<b>F022140092</b>	<b>F017139331</b>
		-	■	-	<b>F045138459</b>	<b>F045138463</b>	<b>F039140032</b>	<b>F034139302</b>
		-	■	■	<b>F046138581</b>	-	-	<b>F035139359</b>
Inset <sup>2</sup>	19	■	-	-	<b>F028138522</b>	<b>F028138526</b>	<b>F022140093</b>	<b>F017139332</b>
		-	■	-	<b>F045138460</b>	<b>F045138464</b>	<b>F039140033</b>	<b>F034139303</b>
		-	■	■	<b>F046138582</b>	-	-	<b>F035139360</b>

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: steel, nickel-plated  
<sup>2</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>3</sup> Additional drilling patterns, opening angles 95°/110°/120°/160° and angle applications on request.

## COVER CAPS

Designation	Cranking	Imprinted/Embossed	Item No.
Hinge arm cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	On request	<b>F072135500</b>
Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	0/3/9.5/19	GRASS logo	<b>F072135550</b>
Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint			<b>F072135551</b>
Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	0/3/9.5/19	On request	<b>F072140504</b>
Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0/3	On request	<b>F072135504</b>
Hinge cup cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	-	<b>F072135503</b>

## ACCESSORIES

Designation	Item No.	Designation	Item No.
85° opening angle reduction clip	<b>F072135751</b>	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>	Unclipping protector	<b>F072135807</b>

Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay	K0	Overlay	K3	Half overlay	K9.5	Inset <sup>1</sup>	K19																																																																																																																																																																																																																																																																																																																																																																																
<p>Mounting plate height 2</p> <table border="1"> <thead> <tr> <th rowspan="2">Door overlay</th> <th colspan="5">Cup distance</th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> </tr> </thead> <tbody> <tr><td>24.0</td><td></td><td></td><td></td><td></td><td>-2</td></tr> <tr><td>23.0</td><td></td><td></td><td></td><td>-2</td><td></td></tr> <tr><td>22.0</td><td></td><td></td><td>-2</td><td>0</td><td></td></tr> <tr><td>21.0</td><td></td><td>-2</td><td>0</td><td></td><td></td></tr> <tr><td>20.0</td><td>-2</td><td>0</td><td>2</td><td></td><td></td></tr> <tr><td>19.0</td><td>0</td><td>2</td><td>3</td><td></td><td></td></tr> <tr><td>18.5</td><td></td><td></td><td>3.5</td><td></td><td></td></tr> <tr><td>18.0</td><td>0</td><td>2</td><td>3</td><td></td><td></td></tr> <tr><td>17.5</td><td></td><td></td><td>3.5</td><td></td><td></td></tr> <tr><td>17.0</td><td></td><td>2</td><td>3</td><td></td><td></td></tr> <tr><td>16.5</td><td></td><td>3</td><td>3.5</td><td></td><td></td></tr> 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MINIMUM GAP

Door thickness	Cup distance				
	3	4	5	6	7
24.0	1.0	1.0	1.0	1.2 <sup>2</sup>	2.1 <sup>2</sup>
22.0	1.0	1.0	1.0	1.0	1.5 <sup>2</sup>
21.0	1.0	1.0	1.0	1.0	1.2 <sup>2</sup>
20.0	1.0	1.0	1.0	1.0	1.0
19.0	1.0	1.0	1.0	1.0	1.0
18.0	1.0	1.0	1.0	1.0	1.0
17.0	1.0	1.0	1.0	1.0	1.0
16.0	1.0	1.0	1.0	1.0	1.0

Minimum gap

<sup>2</sup> 1.0 at 85° opening angle

MINIMUM REVEAL

Door thickness	Cup distance				
	3	4	5	6	7
24.0	2.4	2.1	2.1	2.1	2.0
22.0	1.6	1.6	1.6	1.5	1.5
21.0	1.4	1.3	1.3	1.3	1.3
20.0	1.1	1.1	1.1	1.1	1.1
19.0	0.9	0.9	0.9	0.9	0.9
18.0	0.7	0.7	0.7	0.7	0.7
17.0	0.6	0.6	0.6	0.6	0.6
16.0	0.6	0.6	0.6	0.6	0.6

Minimum reveal (F)

85° OPENING ANGLE

Door thickness	Cup distance				
	3	4	5	6	7
36.0	11.1	10.3	9.7	9.1	8.5
30.0	5.4	4.8	4.4	4.3	4.2
28.0	3.7	3.6	3.5	3.4	3.3
26.0	2.9	2.8	2.8	2.7	2.6
24.0	2.2	2.1	2.1	2.1	2.0
22.0	1.6	1.6	1.6	1.5	1.5
21.0	1.4	1.3	1.3	1.3	1.3
20.0	1.1	1.1	1.1	1.1	1.1
19.0	0.9	0.9	0.9	0.9	0.9
18.0	0.7	0.7	0.7	0.7	0.7
16.0	0.6	0.6	0.6	0.6	0.6

Minimum reveal (F) <sup>3</sup> at 85°

<sup>3</sup> 85° opening angle reduction clip

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

For door thicknesses of 24 mm and above, a trial fitting is recommended.

DRILLING PATTERNS 45/9.5

For screw fixing	For press fitting	Combination drilling pattern for Impresso

CUP DIMENSIONS

( ) Impresso

# TIOMOS 110

110° hinge (door thicknesses up to 24 mm)

## ORDER INFORMATION FOR DRILLING PATTERN 48/9

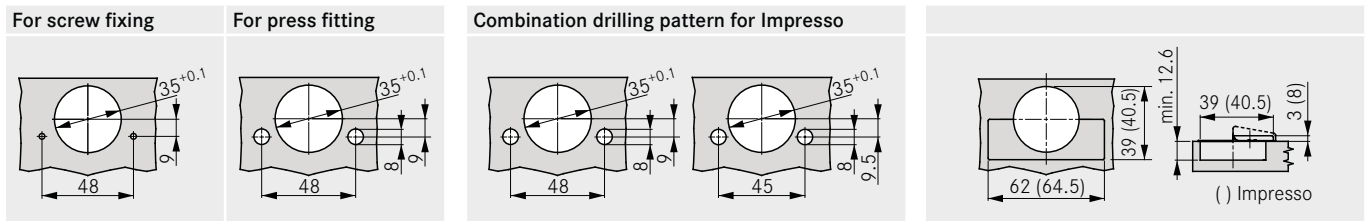
Door overlay	Cranking	Damper			Item No.	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
		with	without	without spring				
Full overlay <sup>1</sup>	0	■	-	-	<b>F028138093</b>	<b>F028138097</b>	<b>F017139329</b>	
		-	■	-	<b>F045138000</b>	<b>F045138004</b>	<b>F034139300</b>	
		-	■	■	<b>F046138184</b>	-	<b>F035139357</b>	
Overlay <sup>1</sup>	3	■	-	-	<b>F028138094</b>	<b>F028138098</b>	<b>F017139330</b>	
		-	■	-	<b>F045138001</b>	<b>F045138005</b>	<b>F034139301</b>	
		-	■	■	<b>F046138185</b>	-	<b>F035139358</b>	
Half overlay <sup>2</sup>	9.5	■	-	-	<b>F028138095</b>	<b>F028138099</b>	<b>F017139331</b>	
		-	■	-	<b>F045138002</b>	<b>F045138006</b>	<b>F034139302</b>	
		-	■	■	<b>F046138186</b>	-	<b>F035139359</b>	
Inset <sup>2</sup>	19	■	-	-	<b>F028138096</b>	<b>F028138100</b>	<b>F017139332</b>	
		-	■	-	<b>F045138003</b>	<b>F045138007</b>	<b>F034139303</b>	
		-	■	■	<b>F046138187</b>	-	<b>F035139360</b>	

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: steel, nickel-plated

<sup>2</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

## DRILLING PATTERNS 48/9

## CUP DIMENSIONS



## ORDER INFORMATION FOR DRILLING PATTERN 42/11

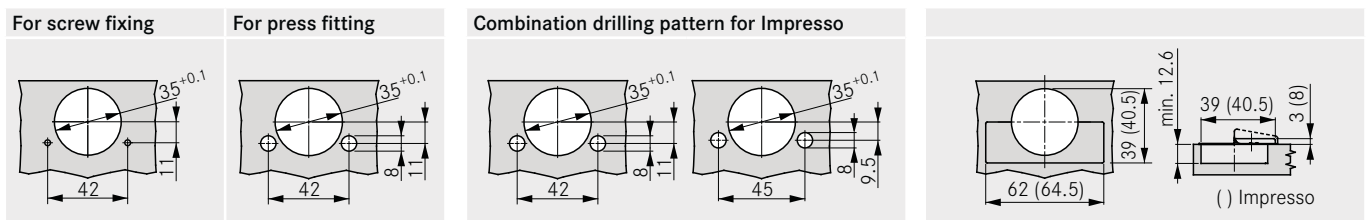
Door overlay	Cranking	Damper			Item No.	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
		with	without	without spring				
Full overlay <sup>1</sup>	0	■	-	-	<b>F028138337</b>	<b>F028138341</b>	<b>F017139414</b>	
		-	■	-	<b>F045138275</b>	<b>F045138279</b>	<b>F034139385</b>	
		-	■	■	<b>F046138397</b>	-	<b>F035139442</b>	
Overlay <sup>1</sup>	3	■	-	-	<b>F028138338</b>	<b>F028138342</b>	<b>F017139415</b>	
		-	■	-	<b>F045138276</b>	<b>F045138280</b>	<b>F034139386</b>	
		-	■	■	<b>F046138398</b>	-	<b>F035139443</b>	
Half overlay <sup>2</sup>	9.5	■	-	-	<b>F028138339</b>	<b>F028138343</b>	<b>F017139416</b>	
		-	■	-	<b>F045138277</b>	<b>F045138281</b>	<b>F034139387</b>	
		-	■	■	<b>F046138399</b>	-	<b>F035139444</b>	
Inset <sup>2</sup>	19	■	-	-	<b>F028138340</b>	<b>F028138344</b>	<b>F017139417</b>	
		-	■	-	<b>F045138278</b>	<b>F045138282</b>	<b>F034139388</b>	
		-	■	■	<b>F046138400</b>	-	<b>F035139445</b>	

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: steel, nickel-plated

<sup>2</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

## DRILLING PATTERNS 42/11

## CUP DIMENSIONS



Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

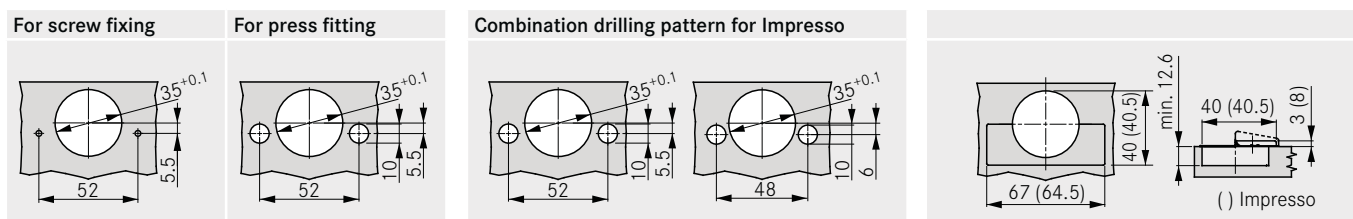
Door overlay	Cranking	Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay <sup>1</sup>	0	■	-	-	F028138701	F028138705	F017139499
		-	■	-	F045138639	F045138643	F034139470
		-	■	■	F046138761	-	F035139527
Overlay <sup>1</sup>	3	■	-	-	F028138702	F028138706	F017139500
		-	■	-	F045138640	F045138644	F034139471
		-	■	■	F046138762	-	F035139528
Half overlay <sup>2</sup>	9.5	■	-	-	F028138703	F028138707	F017139501
		-	■	-	F045138641	F045138645	F034139472
		-	■	■	F046138763	-	F035139529
Inset <sup>2</sup>	19	■	-	-	F028138704	F028138708	F017139502
		-	■	-	F045138642	F045138646	F034139473
		-	■	■	F046138764	-	F035139530

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: steel, nickel-plated

<sup>2</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 52/5.5

CUP DIMENSIONS



ORDER INFORMATION FOR DRILLING PATTERN 48/6

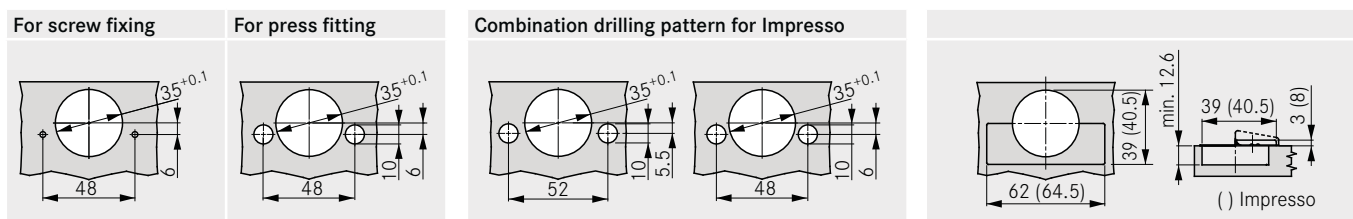
Door overlay	Cranking	Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay <sup>1</sup>	0	■	-	-	F028138883	F028138887	F017139499
		-	■	-	F045138821	F045138825	F034139470
		-	■	■	F046138943	-	F035139527
Overlay <sup>1</sup>	3	■	-	-	F028138884	F028138888	F017139500
		-	■	-	F045138822	F045138826	F034139471
		-	■	■	F046138944	-	F035139528
Half overlay <sup>2</sup>	9.5	■	-	-	F028138885	F028138889	F017139501
		-	■	-	F045138823	F045138827	F034139472
		-	■	■	F046138945	-	F035139529
Inset <sup>2</sup>	19	■	-	-	F028138886	F028138890	F017139502
		-	■	-	F045138824	F045138828	F034139473
		-	■	■	F046138946	-	F035139530

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: steel, nickel-plated

<sup>2</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 48/6

CUP DIMENSIONS



Tiomos mounting plates	102	Tipmatic	302	Assembly aids	358
Accessories	112	Technical information	116		

# TIOMOS 120

120° hinge (door thicknesses up to 24 mm)



- 120° opening angle
- Optimum reveals for door thicknesses up to 22 mm
- Convenient depth adjustment via worm gear
- 3-dimensional adjustment with appropriate mounting plate

#### Available in 3 versions:

- With integrated damper (3 adjustable damping levels)
- Without integrated damper
- Without self-closing mechanism (without spring)

## ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

Door overlay	Cranking	Damper		without spring	Item No.		
		with	without		Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay <sup>1</sup>	0	■	-	-	<b>F028138547</b>	<b>F028138551</b>	<b>F017139343</b>
		-	■	-	<b>F045138485</b>	<b>F045138489</b>	<b>F034139314</b>
		-	■	■	<b>F046138607</b>	-	<b>F035139371</b>
Overlay <sup>1</sup>	3	■	-	-	<b>F028138548</b>	<b>F028138552</b>	<b>F017139344</b>
		-	■	-	<b>F045138486</b>	<b>F045138490</b>	<b>F034139315</b>
		-	■	■	<b>F046138608</b>	-	<b>F035139372</b>
Half overlay <sup>2</sup>	9.5	■	-	-	<b>F028138549</b>	<b>F028138553</b>	<b>F017139345</b>
		-	■	-	<b>F045138487</b>	<b>F045138491</b>	<b>F034139316</b>
		-	■	■	<b>F046138609</b>	-	<b>F035139373</b>
Inset <sup>2</sup>	19	■	-	-	<b>F028138550</b>	<b>F028138554</b>	<b>F017139346</b>
		-	■	-	<b>F045138488</b>	<b>F045138492</b>	<b>F034139317</b>
		-	■	■	<b>F046138610</b>	-	<b>F035139374</b>

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: steel, nickel-plated

<sup>2</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	On request	<b>F072135500</b>
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	0/3/9.5/19	GRASS logo	<b>F072135550</b>
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint			<b>F072135551</b>
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	0/3/9.5/19	On request	<b>F072140504</b>
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0/3	On request	<b>F072135504</b>
	Hinge cup cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	-	<b>F072135503</b>

## ACCESSORIES

	Designation	Item No.
	85° opening angle reduction clip	<b>F072135751</b>
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>

	Designation	Item No.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Unclipping protector	<b>F072135807</b>

Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay	K0	Overlay	K3	Half overlay	K9.5	Inset <sup>1</sup>	K19																																																																																																																																																																																																																																																																																																																																																																										
<p>Mounting plate height 2</p>		<p>Mounting plate height 2</p>		<p>Mounting plate height 2</p>		<p>Mounting plate height 2</p> <p><sup>1</sup> Set mounting plate back by door thickness +1.5 mm</p>																																																																																																																																																																																																																																																																																																																																																																											
<table border="1"> <thead> <tr> <th rowspan="2">Door overlay</th> <th colspan="5">Cup distance</th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> </tr> </thead> <tbody> <tr><td>24.0</td><td></td><td></td><td></td><td></td><td>-2</td></tr> <tr><td>23.0</td><td></td><td></td><td></td><td>-2</td><td></td></tr> <tr><td>22.0</td><td></td><td></td><td>-2</td><td></td><td>0</td></tr> <tr><td>21.0</td><td></td><td>-2</td><td></td><td>0</td><td></td></tr> <tr><td>20.0</td><td>-2</td><td></td><td>0</td><td></td><td>2</td></tr> <tr><td>19.0</td><td></td><td>0</td><td></td><td>2</td><td>3</td></tr> <tr><td>18.5</td><td></td><td></td><td></td><td></td><td>3.5</td></tr> <tr><td>18.0</td><td>0</td><td></td><td>2</td><td>3</td><td></td></tr> <tr><td>17.5</td><td></td><td></td><td></td><td>3.5</td><td></td></tr> <tr><td>17.0</td><td></td><td>2</td><td>3</td><td></td><td></td></tr> <tr><td>16.5</td><td></td><td></td><td>3.5</td><td></td><td></td></tr> <tr><td>16.0</td><td>2</td><td>3</td><td></td><td></td><td></td></tr> <tr><td>15.5</td><td></td><td>3.5</td><td></td><td></td><td></td></tr> <tr><td>15.0</td><td>3</td><td></td><td></td><td></td><td></td></tr> <tr><td>14.5</td><td>3.5</td><td></td><td></td><td></td><td></td></tr> </tbody> </table> <p>Mounting plate height</p>		Door overlay	Cup distance					3	4	5	6	7	24.0					-2	23.0				-2		22.0			-2		0	21.0		-2		0		20.0	-2		0		2	19.0		0		2	3	18.5					3.5	18.0	0		2	3		17.5				3.5		17.0		2	3			16.5			3.5			16.0	2	3				15.5		3.5				15.0	3					14.5	3.5					<table border="1"> <thead> <tr> <th rowspan="2">Door overlay</th> <th colspan="5">Cup distance</th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> </tr> </thead> <tbody> <tr><td>21.0</td><td></td><td></td><td></td><td></td><td>-2</td></tr> <tr><td>20.0</td><td></td><td></td><td></td><td>-2</td><td></td></tr> <tr><td>19.0</td><td></td><td></td><td>-2</td><td></td><td>0</td></tr> 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MINIMUM GAP

Door thickness	Cup distance				
	3	4	5	6	7
24.0	1.2 <sup>2</sup>	2.1 <sup>2</sup>	3.0 <sup>2</sup>	3.9 <sup>2</sup>	4.7 <sup>2</sup>
22.0	1.0	1.1 <sup>2</sup>	2.0 <sup>2</sup>	2.9 <sup>2</sup>	3.8 <sup>2</sup>
21.0	1.0	1.0	1.6 <sup>2</sup>	2.4 <sup>2</sup>	3.3 <sup>2</sup>
20.0	1.0	1.0	1.1 <sup>2</sup>	2.0 <sup>2</sup>	2.9 <sup>2</sup>
19.0	1.0	1.0	1.0	1.5 <sup>2</sup>	2.4 <sup>2</sup>
18.0	1.0	1.0	1.0	1.0	1.9 <sup>2</sup>
17.0	1.0	1.0	1.0	1.0	1.5 <sup>2</sup>
16.0	1.0	1.0	1.0	1.0	1.0

Minimum gap

<sup>2</sup> 1.0 at 85° opening angle

MINIMUM REVEAL

Door thickness	Cup distance				
	3	4	5	6	7
24.0	6.4	5.4	4.4	3.4	2.4
22.0	3.0	2.0	1.5	1.5	1.5
21.0	1.4	1.3	1.3	1.3	1.3
20.0	1.1	1.1	1.1	1.1	1.1
19.0	0.9	0.9	0.9	0.9	0.9
18.0	0.7	0.7	0.7	0.7	0.7
17.0	0.6	0.6	0.6	0.6	0.6
16.0	0.6	0.6	0.6	0.6	0.6

Minimum reveal (F)

85° OPENING ANGLE

Door thickness	Cup distance				
	3	4	5	6	7
36.0	11.1	10.3	9.7	9.1	8.5
30.0	5.4	4.8	4.4	4.3	4.2
28.0	3.7	3.6	3.5	3.4	3.3
26.0	2.9	2.8	2.8	2.7	2.6
24.0	2.2	2.1	2.1	2.1	2.0
22.0	1.6	1.6	1.6	1.5	1.5
21.0	1.4	1.3	1.3	1.3	1.3
20.0	1.1	1.1	1.1	1.1	1.1
19.0	0.9	0.9	0.9	0.9	0.9
18.0	0.7	0.7	0.7	0.7	0.7
16.0	0.6	0.6	0.6	0.6	0.6

Minimum reveal (F)<sup>3</sup> at 85°

<sup>3</sup> 85° opening angle reduction clip

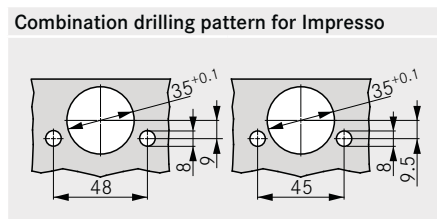
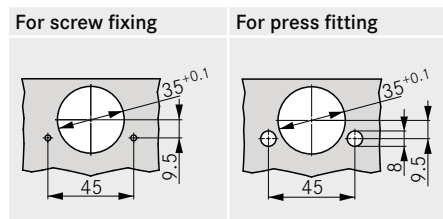
NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

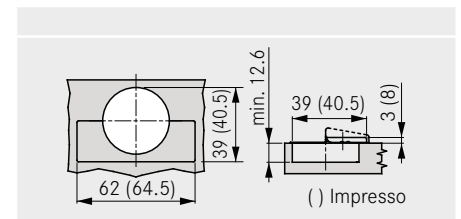
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

For door thicknesses of 24 mm and above, a trial fitting is recommended.

DRILLING PATTERNS 45/9.5



CUP DIMENSIONS



# TIOMOS 120

120° hinge (door thicknesses up to 24 mm)

## ORDER INFORMATION FOR DRILLING PATTERN 48/9

Door overlay	Cranking	Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay <sup>1</sup>	0	■	-	-	F028 138121	F028 138125	F017 139343
		-	■	-	F045 138028	F045 138032	F034 139314
		-	■	■	F046 138212	-	F035 139371
Overlay <sup>1</sup>	3	■	-	-	F028 138122	F028 138126	F017 139344
		-	■	-	F045 138029	F045 138033	F034 139315
		-	■	■	F046 138213	-	F035 139372
Half overlay <sup>2</sup>	9.5	■	-	-	F028 138123	F028 138127	F017 139345
		-	■	-	F045 138030	F045 138034	F034 139316
		-	■	■	F046 138214	-	F035 139373
Inset <sup>2</sup>	19	■	-	-	F028 139017	F028 139018	F017 139346
		-	■	-	F045 139019	F045 139020	F034 139317
		-	■	■	F046 139021	-	F035 139374

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: steel, nickel-plated

<sup>2</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

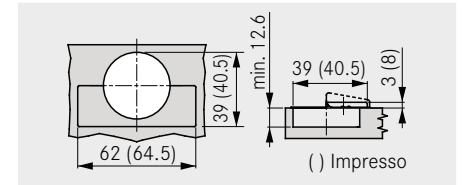
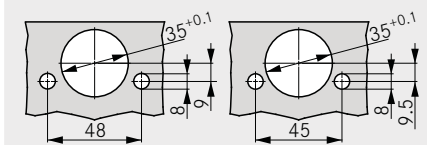
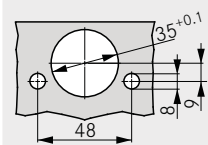
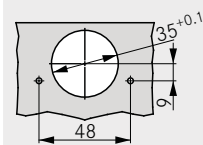
## DRILLING PATTERNS 48/9

## CUP DIMENSIONS

For screw fixing

For press fitting

Combination drilling pattern for Impresso



## ORDER INFORMATION FOR DRILLING PATTERN 42/11

Door overlay	Cranking	Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay <sup>1</sup>	0	■	-	-	F028 138365	F028 138369	F017 139428
		-	■	-	F045 138303	F045 138307	F034 139399
		-	■	■	F046 138425	-	F035 139456
Overlay <sup>1</sup>	3	■	-	-	F028 138366	F028 138370	F017 139429
		-	■	-	F045 138304	F045 138308	F034 139400
		-	■	■	F046 138426	-	F035 139457
Half overlay <sup>2</sup>	9.5	■	-	-	F028 138367	F028 138371	F017 139430
		-	■	-	F045 138305	F045 138309	F034 139401
		-	■	■	F046 138427	-	F035 139458
Inset <sup>2</sup>	19	■	-	-	F028 139027	F028 139028	F017 139558
		-	■	-	F045 139029	F045 139030	F034 139559
		-	■	■	F046 139031	-	F035 139560

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: steel, nickel-plated

<sup>2</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

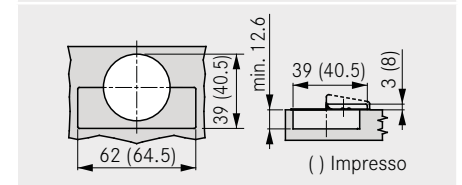
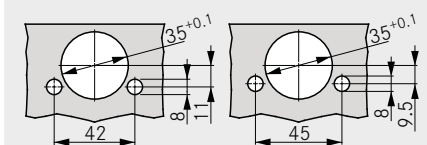
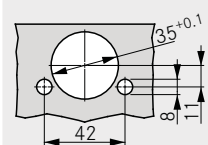
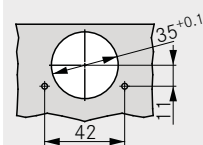
## DRILLING PATTERNS 42/11

## CUP DIMENSIONS

For screw fixing

For press fitting

Combination drilling pattern for Impresso



Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

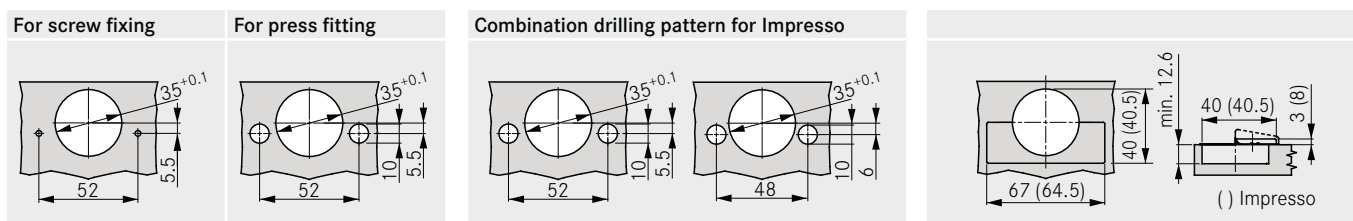
Door overlay	Cranking	Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay <sup>1</sup>	0	■	-	-	F028138729	F028138733	F017139513
		-	■	-	F045138667	F045138671	F034139484
		-	■	■	F046138789	-	F035139541
Overlay <sup>1</sup>	3	■	-	-	F028138730	F028138734	F017139514
		-	■	-	F045138668	F045138672	F034139485
		-	■	■	F046138790	-	F035139542
Half overlay <sup>2</sup>	9.5	■	-	-	F028138731	F028138735	F017139515
		-	■	-	F045138669	F045138673	F034139486
		-	■	■	F046138791	-	F035139543
Inset <sup>2</sup>	19	■	-	-	F028139022	F028139023	F017139555
		-	■	-	F045139024	F045139025	F034139556
		-	■	■	F046139026	-	F035139557

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: steel, nickel-plated

<sup>2</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 52/5.5

CUP DIMENSIONS



ORDER INFORMATION FOR DRILLING PATTERN 48/6

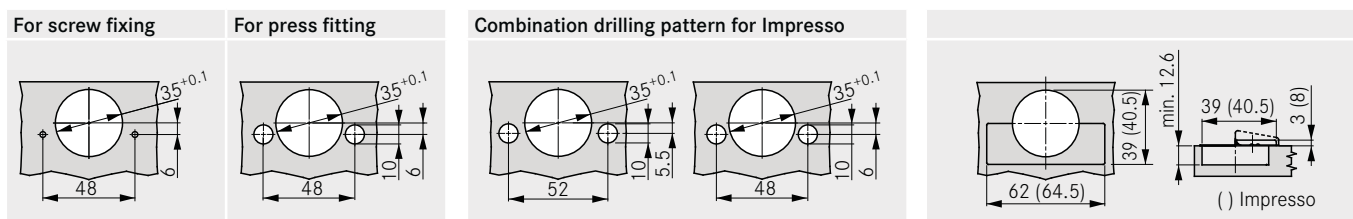
Door overlay	Cranking	Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay <sup>1</sup>	0	■	-	-	F028138911	F028138915	F017139513
		-	■	-	F045138849	F045138853	F034139484
		-	■	■	F046138971	-	F035139541
Overlay <sup>1</sup>	3	■	-	-	F028138912	F028138916	F017139514
		-	■	-	F045138850	F045138854	F034139485
		-	■	■	F046138972	-	F035139542
Half overlay <sup>2</sup>	9.5	■	-	-	F028138913	F028138917	F017139515
		-	■	-	F045138851	F045138855	F034139486
		-	■	■	F046138973	-	F035139543
Inset <sup>2</sup>	19	■	-	-	F028139032	F028139033	F017139555
		-	■	-	F045139034	F045139035	F034139556
		-	■	■	F046139036	-	F035139557

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: steel, nickel-plated

<sup>2</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 48/6

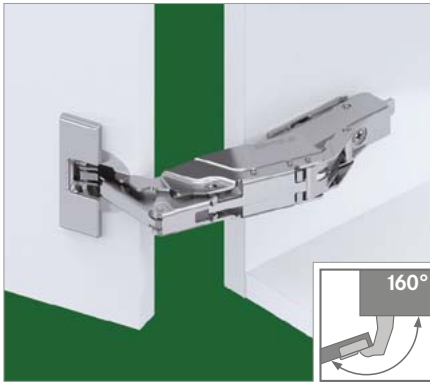
CUP DIMENSIONS



Tiomos mounting plates	102	Tipmatic	302	Assembly aids	358
Accessories	112	Technical information	116		

# TIOMOS 160

160° wide-angle hinge (door thicknesses up to 32 mm)



- 160° opening angle
- Convenient depth adjustment via worm gear
- For cabinets with inset drawers or pull-out shelves
- Optimum reveals for door thicknesses up to 32 mm
- 3-dimensional adjustment with appropriate mounting plate
- Minimum reveals
- Shallow cup depth

### Available in 3 versions:

- With integrated damper (3 adjustable damping levels)
- Without integrated damper
- Without self-closing mechanism (without spring)

## ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

Door overlay	Cranking	Damper		without spring	Item No.		
		with	without		Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay <sup>1</sup>	0	■	-	-	<b>F028138561</b>	<b>F028138564</b>	<b>F017139350</b>
		-	■	-	<b>F045138499</b>	<b>F045138502</b>	<b>F034139321</b>
		-	■	■	<b>F046138621</b>	-	<b>F035139378</b>
Overlay <sup>1</sup>	3	■	-	-	<b>F028138562</b>	<b>F028138565</b>	<b>F017139351</b>
		-	■	-	<b>F045138500</b>	<b>F045138503</b>	<b>F034139322</b>
		-	■	■	<b>F046138622</b>	-	<b>F035139379</b>
Half overlay <sup>1</sup>	9.5	■	-	-	<b>F028138563</b>	<b>F028138566</b>	<b>F017139352</b>
		-	■	-	<b>F045138501</b>	<b>F045138504</b>	<b>F034139323</b>
		-	■	■	<b>F046138623</b>	-	<b>F035139380</b>

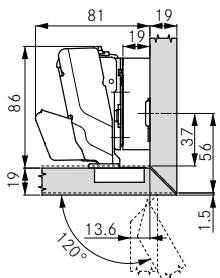
<sup>1</sup> Cup material: Zamak, nickel-plated / Arm material: Zamak, nickel-plated

## ACCESSORIES

	Designation	Item No.
	120° opening angle reduction clip	<b>F072135753</b>
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>

	Designation	Item No.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Unclipping protector	<b>F072135807</b>

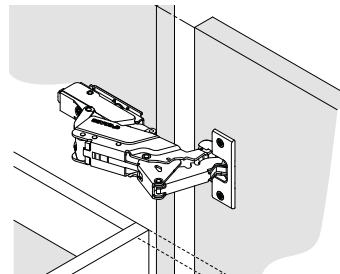
## MITRED APPLICATION (ON ALL SIDES)



With 0 cranking, mounting plate height 19 mm and cup distance 4 mm, door and cabinet edges can meet at mitred angles on all 4 sides.

Use 120° opening angle reduction clip.

## ZERO PROTRUSION



### For cabinets with inset drawers.

At 0 cranking, and with all mounting plate thicknesses, the door protrudes inwards at 90°. With cranking size 3 and mounting plate height 3 mm, the door will be flush with the cabinet.

Door thickness (TS)	Mitred application circumferential	Mitred application lateral
	R (min.)	R (min.)
19-20	1.0	0
22	2.0	0
24	3.0	1.0
26	4.2	2.5
28	5.4	3.8
30	6.5	5.3

Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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# TIOMOS 160

160° wide-angle hinge (door thicknesses up to 32 mm)

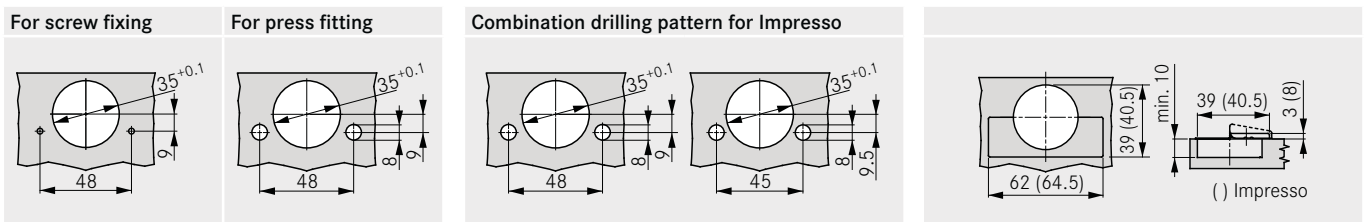
## ORDER INFORMATION FOR DRILLING PATTERN 48/9

Door overlay	Cranking	Damper			Item No.	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
		with	without	without spring				
Full overlay <sup>1</sup>	0	■	-	-	<b>F028 138 135</b>	<b>F028 138 138</b>	<b>F017 139 350</b>	
		-	■	-	<b>F045 138 042</b>	<b>F045 138 045</b>	<b>F034 139 321</b>	
		-	■	■	<b>F046 138 226</b>	-	<b>F035 139 378</b>	
Overlay <sup>1</sup>	3	■	-	-	<b>F028 138 136</b>	<b>F028 138 139</b>	<b>F017 139 351</b>	
		-	■	-	<b>F045 138 043</b>	<b>F045 138 046</b>	<b>F034 139 322</b>	
		-	■	■	<b>F046 138 227</b>	-	<b>F035 139 379</b>	
Half overlay <sup>1</sup>	9.5	■	-	-	<b>F028 138 137</b>	<b>F028 138 140</b>	<b>F017 139 352</b>	
		-	■	-	<b>F045 138 044</b>	<b>F045 138 047</b>	<b>F034 139 323</b>	
		-	■	■	<b>F046 138 228</b>	-	<b>F035 139 380</b>	

<sup>1</sup> Cup material: Zamak, nickel-plated / Arm material: Zamak, nickel-plated

## DRILLING PATTERNS 48/9

## CUP DIMENSIONS



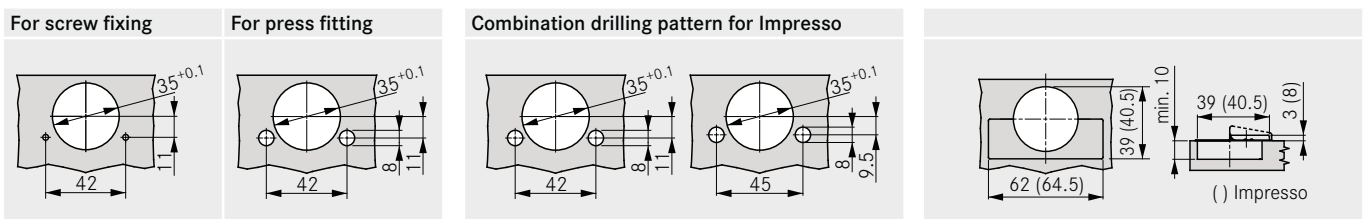
## ORDER INFORMATION FOR DRILLING PATTERN 42/11

Door overlay	Cranking	Damper			Item No.	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
		with	without	without spring				
Full overlay <sup>1</sup>	0	■	-	-	<b>F028 138 379</b>	<b>F028 138 382</b>	<b>F017 139 435</b>	
		-	■	-	<b>F045 138 317</b>	<b>F045 138 320</b>	<b>F034 139 406</b>	
		-	■	■	<b>F046 138 439</b>	-	<b>F035 139 463</b>	
Overlay <sup>1</sup>	3	■	-	-	<b>F028 138 380</b>	<b>F028 138 383</b>	<b>F017 139 436</b>	
		-	■	-	<b>F045 138 318</b>	<b>F045 138 321</b>	<b>F034 139 407</b>	
		-	■	■	<b>F046 138 440</b>	-	<b>F035 139 464</b>	
Half overlay <sup>1</sup>	9.5	■	-	-	<b>F028 138 381</b>	<b>F028 138 384</b>	<b>F017 139 437</b>	
		-	■	-	<b>F045 138 319</b>	<b>F045 138 322</b>	<b>F034 139 408</b>	
		-	■	■	<b>F046 138 441</b>	-	<b>F035 139 465</b>	

<sup>1</sup> Cup material: Zamak, nickel-plated / Arm material: Zamak, nickel-plated

## DRILLING PATTERNS 42/11

## CUP DIMENSIONS



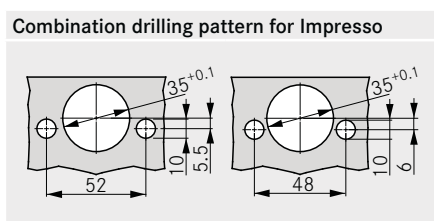
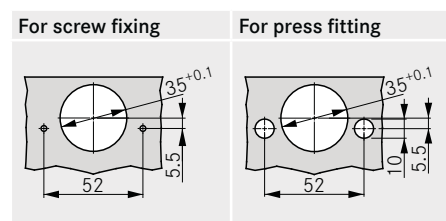
Tiomos mounting plates	102	Tipmatic	302	Assembly aids	358
Accessories	112	Technical information	116		

ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

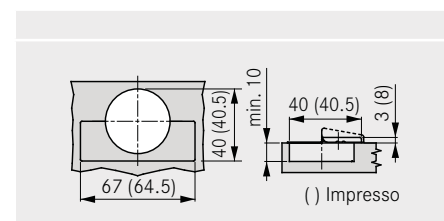
Door overlay	Cranking	Damper			Item No.	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
		with	without	without spring				
Full overlay <sup>1</sup>	0	■	-	-	<b>F028138743</b>	<b>F028138746</b>	<b>F017139520</b>	
		-	■	-	<b>F045138681</b>	<b>F045138684</b>	<b>F034139491</b>	
		-	■	■	<b>F046138803</b>	-	<b>F035139548</b>	
Overlay <sup>1</sup>	3	■	-	-	<b>F028138744</b>	<b>F028138747</b>	<b>F017139521</b>	
		-	■	-	<b>F045138682</b>	<b>F045138685</b>	<b>F034139492</b>	
		-	■	■	<b>F046138804</b>	-	<b>F035139549</b>	
Half overlay <sup>1</sup>	9.5	■	-	-	<b>F028138745</b>	<b>F028138748</b>	<b>F017139522</b>	
		-	■	-	<b>F045138683</b>	<b>F045138686</b>	<b>F034139493</b>	
		-	■	■	<b>F046138805</b>	-	<b>F035139550</b>	

<sup>1</sup> Cup material: Zamak, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 52/5.5



CUP DIMENSIONS

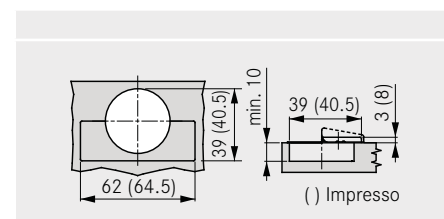
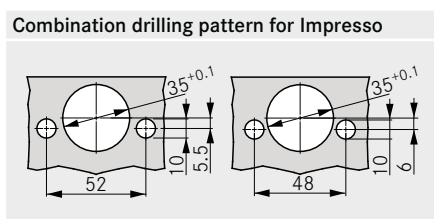
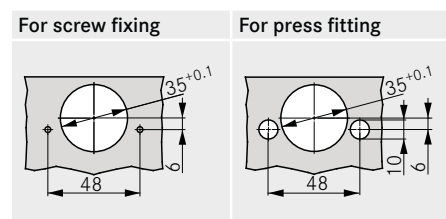


ORDER INFORMATION FOR DRILLING PATTERN 48/6

Door overlay	Cranking	Damper			Item No.	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
		with	without	without spring				
Full overlay <sup>1</sup>	0	■	-	-	<b>F028138925</b>	<b>F028138928</b>	<b>F017139520</b>	
		-	■	-	<b>F045138863</b>	<b>F045138866</b>	<b>F034139491</b>	
		-	■	■	<b>F046138985</b>	-	<b>F035139548</b>	
Overlay <sup>1</sup>	3	■	-	-	<b>F028138926</b>	<b>F028138929</b>	<b>F017139521</b>	
		-	■	-	<b>F045138864</b>	<b>F045138867</b>	<b>F034139492</b>	
		-	■	■	<b>F046138986</b>	-	<b>F035139549</b>	
Half overlay <sup>1</sup>	9.5	■	-	-	<b>F028138927</b>	<b>F028138930</b>	<b>F017139522</b>	
		-	■	-	<b>F045138865</b>	<b>F045138868</b>	<b>F034139493</b>	
		-	■	■	<b>F046138987</b>	-	<b>F035139550</b>	

<sup>1</sup> Cup material: Zamak, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 48/6



Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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# TIOMOS 95

95° hinge (door thicknesses up to 28 mm)



- 95° opening angle
- Optimum reveals up to 28 mm door thickness
- Convenient depth adjustment via worm gear
- 3-dimensional adjustment with appropriate mounting plate

#### Available in 3 versions:

- With integrated damper (3 adjustable damping levels)
- Without integrated damper
- Without self-closing mechanism (without spring)

## ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

Door overlay	Cranking	Damper		without spring	Item No. <sup>3</sup>		
		with	without		Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay <sup>1</sup>	0	■	-	-	<b>F028138567</b>	<b>F028138571</b>	<b>F017139353</b>
		-	■	-	<b>F045138505</b>	<b>F045138509</b>	<b>F034139324</b>
		-	■	■	<b>F046138627</b>	-	<b>F035139381</b>
Overlay <sup>1</sup>	3	■	-	-	<b>F028138568</b>	<b>F028138572</b>	<b>F017139354</b>
		-	■	-	<b>F045138506</b>	<b>F045138510</b>	<b>F034139325</b>
		-	■	■	<b>F046138628</b>	-	<b>F035139382</b>
Half overlay <sup>2</sup>	9.5	■	-	-	<b>F028138569</b>	<b>F028138573</b>	<b>F017139355</b>
		-	■	-	<b>F045138507</b>	<b>F045138511</b>	<b>F034139326</b>
		-	■	■	<b>F046138629</b>	-	<b>F035139383</b>
Inset <sup>2</sup>	19	■	-	-	<b>F028138570</b>	<b>F028138574</b>	<b>F017139356</b>
		-	■	-	<b>F045138508</b>	<b>F045138512</b>	<b>F034139327</b>
		-	■	■	<b>F046138630</b>	-	<b>F035139384</b>

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: steel, nickel-plated

<sup>2</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>3</sup> Available on request

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	On request	<b>F072135500</b>
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	0/3/9.5/19	GRASS logo	<b>F072135550</b>
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint			<b>F072135551</b>
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	0/3/9.5/19	On request	<b>F072140504</b>
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0/3	On request	<b>F072135504</b>
	Hinge cup cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	-	<b>F072135503</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>		Unclipping protector	<b>F072135807</b>
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay	K0	Overlay	K3	Half overlay	K9.5	Inset <sup>1</sup>	K19																																																																																																																																																																																																																																																																																																																																																																																
<p>Mounting plate height 2</p>		<p>Mounting plate height 2</p>		<p>Mounting plate height 2</p>		<p>Mounting plate height 2 <sup>1</sup> Set mounting plate back by door thickness +1.5 mm</p>																																																																																																																																																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th rowspan="2">0</th> <th colspan="5">Cup distance</th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> </tr> </thead> <tbody> <tr><td>24.0</td><td></td><td></td><td></td><td></td><td>-2</td></tr> <tr><td>23.0</td><td></td><td></td><td></td><td>-2</td><td></td></tr> <tr><td>22.0</td><td></td><td></td><td>-2</td><td>0</td><td></td></tr> <tr><td>21.0</td><td></td><td>-2</td><td>0</td><td>0</td><td></td></tr> <tr><td>20.0</td><td>-2</td><td>0</td><td>0</td><td>2</td><td></td></tr> <tr><td>19.0</td><td>0</td><td>0</td><td>2</td><td>3</td><td></td></tr> <tr><td>18.5</td><td></td><td></td><td></td><td>3.5</td><td></td></tr> <tr><td>18.0</td><td>0</td><td></td><td>2</td><td>3</td><td></td></tr> <tr><td>17.5</td><td></td><td></td><td>3.5</td><td></td><td></td></tr> <tr><td>17.0</td><td></td><td>2</td><td>3</td><td></td><td></td></tr> <tr><td>16.5</td><td></td><td></td><td>3.5</td><td></td><td></td></tr> <tr><td>16.0</td><td>2</td><td>3</td><td></td><td></td><td></td></tr> <tr><td>15.5</td><td></td><td>3.5</td><td></td><td></td><td></td></tr> <tr><td>15.0</td><td>3</td><td></td><td></td><td></td><td></td></tr> <tr><td>14.5</td><td>3.5</td><td></td><td></td><td></td><td></td></tr> </tbody> </table> <p>Door overlay</p> <p>Mounting plate height</p>		0	Cup distance					3	4	5	6	7	24.0					-2	23.0				-2		22.0			-2	0		21.0		-2	0	0		20.0	-2	0	0	2		19.0	0	0	2	3		18.5				3.5		18.0	0		2	3		17.5			3.5			17.0		2	3			16.5			3.5			16.0	2	3				15.5		3.5				15.0	3					14.5	3.5					<table border="1"> <thead> <tr> <th rowspan="2">3</th> <th colspan="5">Cup distance</th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> </tr> </thead> <tbody> <tr><td>21.0</td><td></td><td></td><td></td><td></td><td>-2</td></tr> <tr><td>20.0</td><td></td><td></td><td></td><td>-2</td><td></td></tr> <tr><td>19.0</td><td></td><td></td><td>-2</td><td>0</td><td></td></tr> 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MINIMUM GAP

Door thickness	Cup distance				
	3	4	5	6	7
36.0	1.0	1.0	1.0	1.4	2.4
30.0	1.0	1.0	1.0	1.0	1.9
28.0	1.0	1.0	1.0	1.0	1.7
26.0	1.0	1.0	1.0	1.0	1.5
24.0	1.0	1.0	1.0	1.0	1.4
22.0	1.0	1.0	1.0	1.0	1.2
20.0	1.0	1.0	1.0	1.0	1.0
18.0	1.0	1.0	1.0	1.0	1.0
16.0	1.0	1.0	1.0	1.0	1.0

Minimum gap

MINIMUM REVEAL

Door thickness	Cup distance				
	3	4	5	6	7
36.0	10.6	9.6	8.6	7.6	6.7
30.0	4.5	3.5	2.5	2.5	1.5
28.0	2.0	1.5	1.5	1.3	1.3
26.0	1.0	1.0	1.0	1.0	1.0
24.0	0.6	0.6	0.6	0.6	0.6
22.0	0.5	0.5	0.5	0.5	0.5
20.0	0.3	0.3	0.3	0.3	0.3
18.0	0.2	0.2	0.2	0.2	0.2
16.0	0.2	0.2	0.2	0.2	0.2

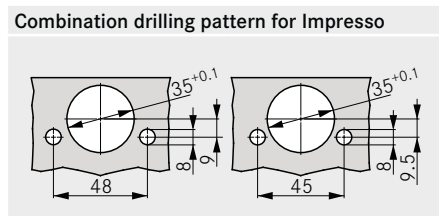
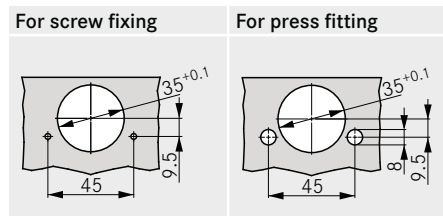
Minimum reveal (F)

NOTES

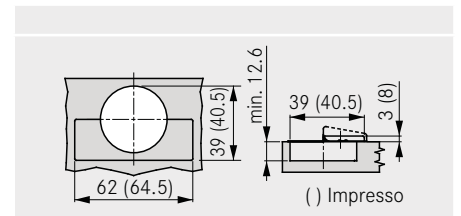
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

DRILLING PATTERNS 45/9.5



CUP DIMENSIONS



Tiomos  
Nexis  
Special hinges  
Single-joint hinges  
Cabinet making accessories

# TIOMOS 95

95° hinge (door thicknesses up to 28 mm)

## ORDER INFORMATION FOR DRILLING PATTERN 48/9

Door overlay	Cranking	Damper			Item No. <sup>3</sup>		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay <sup>1</sup>	0	■	-	-	F028 138141	F028 138145	F017 139353
		-	■	-	F045 138048	F045 138052	F034 139324
		-	■	■	F046 138232	-	F035 139381
Overlay <sup>1</sup>	3	■	-	-	F028 138142	F028 138146	F017 139354
		-	■	-	F045 138049	F045 138053	F034 139325
		-	■	■	F046 138233	-	F035 139382
Half overlay <sup>2</sup>	9.5	■	-	-	F028 138143	F028 138147	F017 139355
		-	■	-	F045 138050	F045 138054	F034 139326
		-	■	■	F046 138234	-	F035 139383
Inset <sup>2</sup>	19	■	-	-	F028 138144	F028 138148	F017 139356
		-	■	-	F045 138051	F045 138055	F034 139327
		-	■	■	F046 138235	-	F035 139384

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: steel, nickel-plated

<sup>2</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>3</sup> Available on request

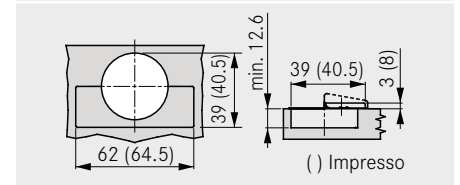
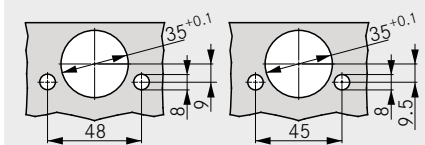
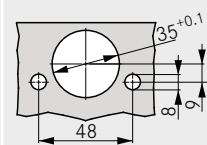
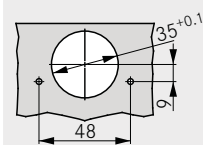
## DRILLING PATTERNS 48/9

## CUP DIMENSIONS

For screw fixing

For press fitting

Combination drilling pattern for Impresso



## ORDER INFORMATION FOR DRILLING PATTERN 42/11

Door overlay	Cranking	Damper			Item No. <sup>3</sup>		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay <sup>1</sup>	0	■	-	-	F028 138385	F028 138389	F017 139438
		-	■	-	F045 138323	F045 138327	F034 139409
		-	■	■	F046 138445	-	F035 139466
Overlay <sup>1</sup>	3	■	-	-	F028 138386	F028 138390	F017 139439
		-	■	-	F045 138324	F045 138328	F034 139410
		-	■	■	F046 138446	-	F035 139467
Half overlay <sup>2</sup>	9.5	■	-	-	F028 138387	F028 138391	F017 139440
		-	■	-	F045 138325	F045 138329	F034 139411
		-	■	■	F046 138447	-	F035 139468
Inset <sup>2</sup>	19	■	-	-	F028 138388	F028 138392	F017 139441
		-	■	-	F045 138326	F045 138330	F034 139412
		-	■	■	F046 138448	-	F035 139469

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: steel, nickel-plated

<sup>2</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>3</sup> Available on request

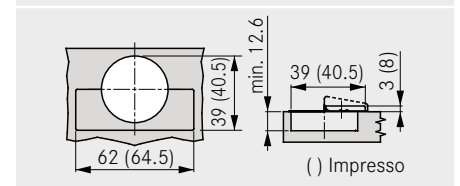
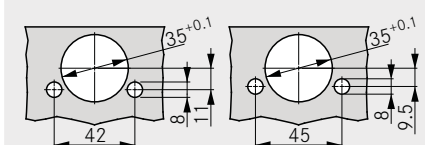
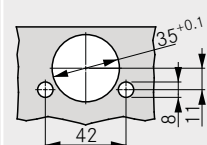
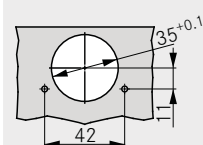
## DRILLING PATTERNS 42/11

## CUP DIMENSIONS

For screw fixing

For press fitting

Combination drilling pattern for Impresso



Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

Door overlay	Cranking	Damper			Item No. <sup>3</sup>		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay <sup>1</sup>	0	■	-	-	F028 138749	F028 138753	F017 139523
		-	■	-	F045 138687	F045 138691	F034 139494
		-	■	■	F046 138809	-	F035 139551
Overlay <sup>1</sup>	3	■	-	-	F028 138750	F028 138754	F017 139524
		-	■	-	F045 138688	F045 138692	F034 139495
		-	■	■	F046 138810	-	F035 139552
Half overlay <sup>2</sup>	9.5	■	-	-	F028 138751	F028 138755	F017 139525
		-	■	-	F045 138689	F045 138693	F034 139496
		-	■	■	F046 138811	-	F035 139553
Inset <sup>2</sup>	19	■	-	-	F028 138752	F028 138756	F017 139526
		-	■	-	F045 138690	F045 138694	F034 139497
		-	■	■	F046 138812	-	F035 139554

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: steel, nickel-plated

<sup>2</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>3</sup> Available on request

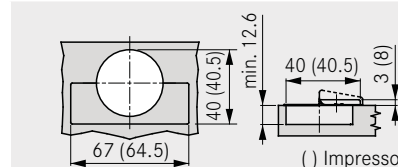
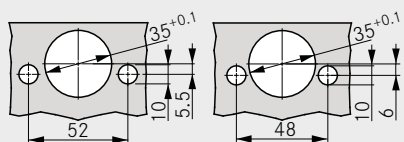
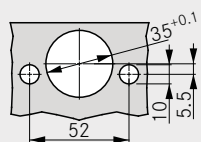
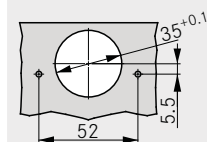
DRILLING PATTERNS 52/5.5

CUP DIMENSIONS

For screw fixing

For press fitting

Combination drilling pattern for Impresso



ORDER INFORMATION FOR DRILLING PATTERN 48/6

Door overlay	Cranking	Damper			Item No. <sup>3</sup>		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay <sup>1</sup>	0	■	-	-	F028 138931	F028 138935	F017 139523
		-	■	-	F045 138869	F045 138873	F034 139494
		-	■	■	F046 138991	-	F035 139551
Overlay <sup>1</sup>	3	■	-	-	F028 138932	F028 138936	F017 139524
		-	■	-	F045 138870	F045 138874	F034 139495
		-	■	■	F046 138992	-	F035 139552
Half overlay <sup>2</sup>	9.5	■	-	-	F028 138933	F028 138937	F017 139525
		-	■	-	F045 138871	F045 138875	F034 139496
		-	■	■	F046 138993	-	F035 139553
Inset <sup>2</sup>	19	■	-	-	F028 138934	F028 138938	F017 139526
		-	■	-	F045 138872	F045 138876	F034 139497
		-	■	■	F046 138994	-	F035 139554

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: steel, nickel-plated

<sup>2</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>3</sup> Available on request

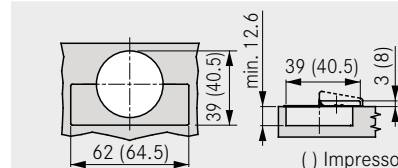
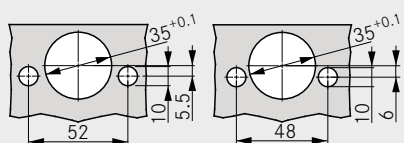
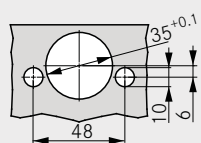
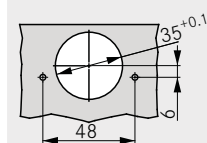
DRILLING PATTERNS 48/6

CUP DIMENSIONS

For screw fixing

For press fitting

Combination drilling pattern for Impresso



Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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# TIOMOS 110 AL

110° aluminium frame hinge (frame thickness up to 24 mm)



- 110° opening angle
- Optimum gap widths for aluminium frames with a frame thickness of up to 24 mm and a frame width of 22 mm
- Hinge not visible from the outside
- Convenient depth adjustment via worm gear
- 3-dimensional adjustment with appropriate mounting plate

#### Available in 3 versions:

- With integrated damper (3 adjustable damping levels)
- Without integrated damper
- Without self-closing mechanism (without spring)

## ORDER INFORMATION

Door overlay	Cranking	Damper		without spring	Item No.		
		with	without		Click-on For screw fixing		
Full overlay <sup>1</sup>	0	■	-	-	<b>F028 138 154</b>		
		-	■	-	<b>F045 138 061</b>		
		-	■	■	<b>F046 138 245</b>		
Overlay <sup>1</sup>	3	■	-	-	<b>F028 138 155</b>		
		-	■	-	<b>F045 138 062</b>		
		-	■	■	<b>F046 138 246</b>		
Half overlay <sup>2</sup>	9.5	■	-	-	<b>F028 138 156</b>		
		-	■	-	<b>F045 138 063</b>		
		-	■	■	<b>F046 138 247</b>		
Inset <sup>2</sup>	19	■	-	-	<b>F028 138 157</b>		
		-	■	-	<b>F045 138 064</b>		
		-	■	■	<b>F046 138 248</b>		

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>2</sup> Cup material: Zamak, nickel-plated / Arm material: Zamak, nickel-plated

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	On request	<b>F072 135 500</b>
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	0/3/9.5/19	GRASS logo	<b>F072 135 550</b>
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint			<b>F072 135 551</b>
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	0/3/9.5/19	On request	<b>F072 140 504</b>
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0/3	On request	<b>F072 135 504</b>

## ACCESSORIES

	Designation	Item No.
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069 135 396</b>
	Housing fixing screw M 3 x 6	<b>F069 073 405</b>

	Designation	Item No.
	Unclipping protector	<b>F072 135 807</b>

Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay	K0	Overlay	K3	Half overlay	K9.5	Inset <sup>1</sup>	K19																																																																																																																																																
<p>Mounting plate height 2</p>		<p>Mounting plate height 2</p>		<p>Mounting plate height 2</p>		<p>Mounting plate height 2 <sup>1</sup> Set mounting plate back by door thickness +1.5 mm</p>																																																																																																																																																	
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MINIMUM REVEAL

Frame thickness	Frame width				
	18	19	20	21	22
24.0	2.4	2.1	2.1	2.1	2.0
22.0	1.6	1.6	1.6	1.5	1.5
21.0	1.4	1.3	1.3	1.3	1.3
20.0	1.1	1.1	1.1	1.1	1.1
19.0	0.9	0.9	0.9	0.9	0.9
18.0	0.7	0.7	0.7	0.7	0.7
17.0	0.6	0.6	0.6	0.6	0.6
16.0	0.6	0.6	0.6	0.6	0.6

Minimum reveal (F)

INSTALLATION DIMENSIONS

Hinge dimensions and reveal calculation with factory setting

Fixing screws are not supplied

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

# TIOMOS 110/90A

110° blind corner hinge (overlay)



- Hinge for overlay blind corner constructions
- 110° opening angle
- Convenient depth adjustment via worm gear
- 3-dimensional adjustment with appropriate mounting plate
- Minimum reveals!

#### Available in 2 versions:

- With integrated damper (3 adjustable damping levels)
- Without integrated damper

## ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

Door overlay		Damper		without spring	Item No.		
		with	without		Click-on For screw fixing	Click-on For press fitting	Impresso without tools <sup>2</sup>
Overlay <sup>1</sup>		■	-	-	<b>F028 138535</b>	<b>F028 138545</b>	<b>F017 139341</b>
		-	■	-	<b>F045 138473</b>	<b>F028 138483</b>	<b>F034 139312</b>

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>2</sup> Available on request

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	On request	<b>F072 135500</b>
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	0/3/9.5/19	GRASS logo	<b>F072 135550</b>
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint			<b>F072 135551</b>
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	0/3/9.5/19	On request	<b>F072 140504</b>
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0/3	On request	<b>F072 135504</b>
	Hinge cup cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	-	<b>F072 135503</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069 135396</b>		Unclipping protector	<b>F072 135807</b>
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Inset

Cross mounting plates with fixing distance 37

Linear mounting plates

Drilling distance (X)	Cup distance				
	3	4	5	6	7
30.0	18	19	20	21	22
29.0	17	18	19	20	21
28.0	16	17	18	19	20
27.0	15	16	17	18	19
26.0	14	15	16	17	18

Drilling distance (X)

Door overlay

Drilling distance (X)	Cup distance				
	3	4	5	6	7
13.0	18	19	20	21	22
12.0	17	18	19	20	21
11.0	16	17	18	19	20
10.0	15	16	17	18	19
9.0	14	15	16	17	18

Drilling distance (X)

Door overlay

Mounting plate height 0

MINIMUM REVEAL

Door thickness	Cup distance					Minimum gap
	3	4	5	6	7	
24.0	1.0	1.0	1.0	1.2	2.1	
22.0	1.0	1.0	1.0	1.0	1.5	
21.0	1.0	1.0	1.0	1.0	1.2	
20.0	1.0	1.0	1.0	1.0	1.0	
19.0	1.0	1.0	1.0	1.0	1.0	
18.0	1.0	1.0	1.0	1.0	1.0	
17.0	1.0	1.0	1.0	1.0	1.0	
16.0	1.0	1.0	1.0	1.0	1.0	

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

DRILLING PATTERNS 45/9.5

For screw fixing

For press fitting

Combination drilling pattern for Impresso

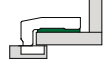
CUP DIMENSIONS

( ) Impresso

# TIOMOS 110/90A

110° blind corner hinge (overlay)

## ORDER INFORMATION FOR DRILLING PATTERN 48/9

Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Overlay <sup>1</sup>		■	-	-	<b>F028138109</b>	<b>F028138119</b>	<b>F017139341</b>
		-	■	-	<b>F045138016</b>	<b>F045138026</b>	<b>F034139312</b>

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

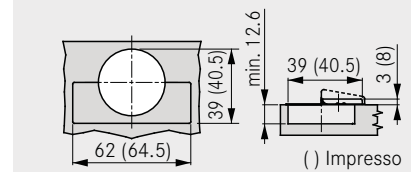
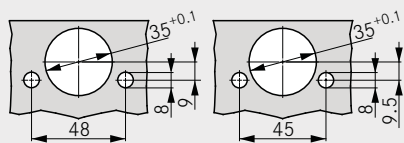
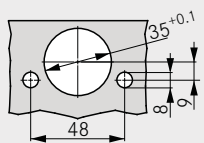
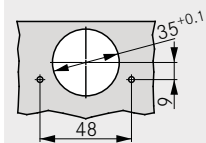
## DRILLING PATTERNS 48/9

## CUP DIMENSIONS

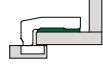
For screw fixing

For press fitting

Combination drilling pattern for Impresso



## ORDER INFORMATION FOR DRILLING PATTERN 42/11

Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Overlay <sup>1</sup>		■	-	-	<b>F028138353</b>	<b>F028138363</b>	<b>F017139426</b>
		-	■	-	<b>F045138291</b>	<b>F045138301</b>	<b>F034139397</b>

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

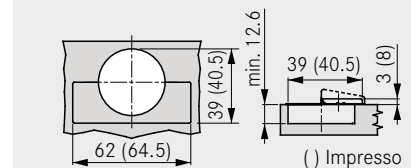
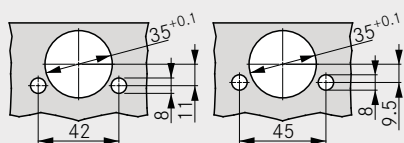
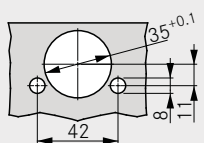
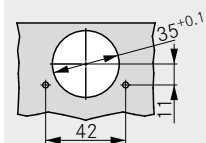
## DRILLING PATTERNS 42/11

## CUP DIMENSIONS

For screw fixing

For press fitting

Combination drilling pattern for Impresso

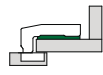


Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

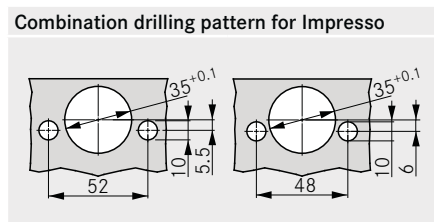
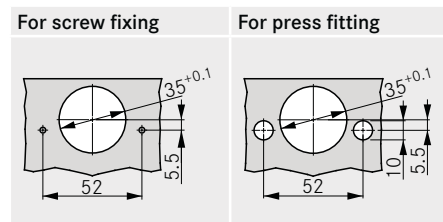
Assembly aids	358
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ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

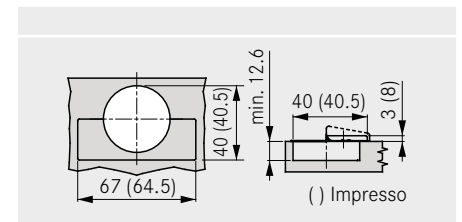
Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Overlay <sup>1</sup>		■	-	-	<b>F028 138717</b>	<b>F028 138727</b>	<b>F017 139511</b>
		-	■	-	<b>F045 138655</b>	<b>F045 138665</b>	<b>F034 139482</b>

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

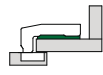
DRILLING PATTERNS 52/5.5



CUP DIMENSIONS

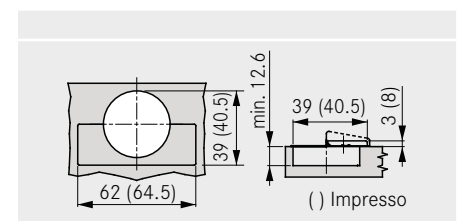
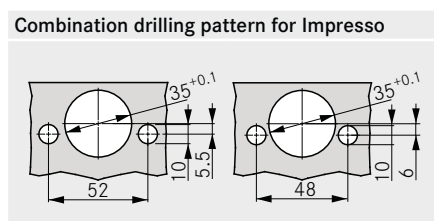
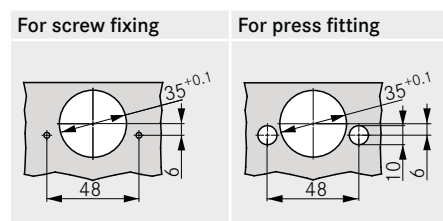


ORDER INFORMATION FOR DRILLING PATTERN 48/6

Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Overlay <sup>1</sup>		■	-	-	<b>F028 138899</b>	<b>F028 138909</b>	<b>F017 139511</b>
		-	■	-	<b>F045 138837</b>	<b>F045 138847</b>	<b>F034 139482</b>

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 48/6



Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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# TIOMOS 110/90E

## 110° blind corner hinge (inset)



- Hinge for blind corner constructions
- 110° opening angle
- Convenient depth adjustment via worm gear
- 3-dimensional adjustment with appropriate mounting plate
- Minimum reveals

### Available in 3 versions:

- With integrated damper (3 adjustable damping levels)
- Without integrated damper
- Without self-closing mechanism (without spring)

### ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

Door overlay		Damper		without spring	Item No.		
		with	without		Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Inset <sup>1</sup>		■	-	-	<b>F028138536</b>	<b>F028138546</b>	<b>F017139342</b>
		-	■	-	<b>F045138474</b>	<b>F045138484</b>	<b>F034139313</b>
		-	■	■	<b>F046138596</b>	-	-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

### COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	On request	<b>F072135500</b>
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	0/3/9.5/19	GRASS logo	<b>F072135550</b>
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint			<b>F072135551</b>
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	0/3/9.5/19	On request	<b>F072140504</b>
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0/3	On request	<b>F072135504</b>
	Hinge cup cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	-	<b>F072135503</b>

### ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>		Unclipping protector	<b>F072135807</b>
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

**Inset**

Cross mounting plates with fixing distance 37

Linear mounting plates

Drilling distance (X)	Cup distance				
	4	5	6	7	
28.0	1	0			
27.0	2	1	0		
26.0	3	2	1	0	
	Door reveal				

Drilling distance (X)	Cup distance				
	4	5	6	7	
11.0	1	0			
10.0	2	1	0		
9.0	3	2	1	0	
	Door reveal				

Mounting plate height 3

MINIMUM REVEAL

Door thickness	Cup distance				
	3	4	5	6	7
24.0	2.4	2.1	2.1	2.1	2.0
22.0	1.6	1.6	1.6	1.5	1.5
21.0	1.4	1.3	1.3	1.3	1.3
20.0	1.1	1.1	1.1	1.1	1.1
19.0	0.9	0.9	0.9	0.9	0.9
18.0	0.7	0.7	0.7	0.7	0.7
17.0	0.6	0.6	0.6	0.6	0.6
16.0	0.6	0.6	0.6	0.6	0.6
	Minimum reveal (F)				

NOTES

Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

Use standard mounting plate height 3 to ensure that door is flush fitting.

DRILLING PATTERNS 45/9.5

**For screw fixing**

**For press fitting**

**Combination drilling pattern for Impresso**

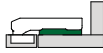
CUP DIMENSIONS

( ) Impresso

# TIOMOS 110/90E

110° blind corner hinge (inset)

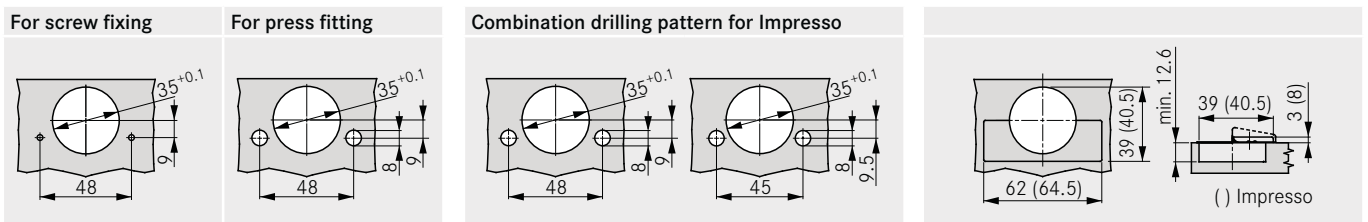
## ORDER INFORMATION FOR DRILLING PATTERN 48/9

Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Inset <sup>1</sup>		■	-	-	<b>F028138110</b>	<b>F028138120</b>	<b>F017139342</b>
		-	■	-	<b>F045138017</b>	<b>F045138027</b>	<b>F034139313</b>
		-	■	■	<b>F046138201</b>	-	-

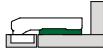
<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

## DRILLING PATTERNS 48/9

## CUP DIMENSIONS



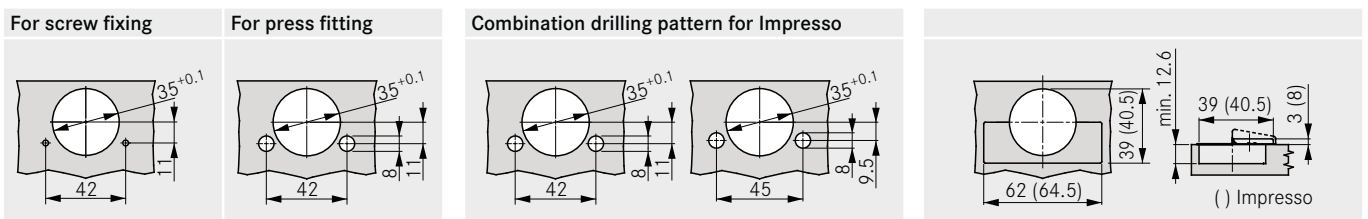
## ORDER INFORMATION FOR DRILLING PATTERN 42/11

Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Inset <sup>1</sup>		■	-	-	<b>F028138354</b>	<b>F028138364</b>	<b>F017139427</b>
		-	■	-	<b>F045138292</b>	<b>F045138302</b>	<b>F034139398</b>
		-	■	■	<b>F046138414</b>	-	-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

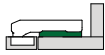
## DRILLING PATTERNS 42/11

## CUP DIMENSIONS



Tiomos mounting plates	102	Tipmatic	302	Assembly aids	358
Accessories	112	Technical information	116		

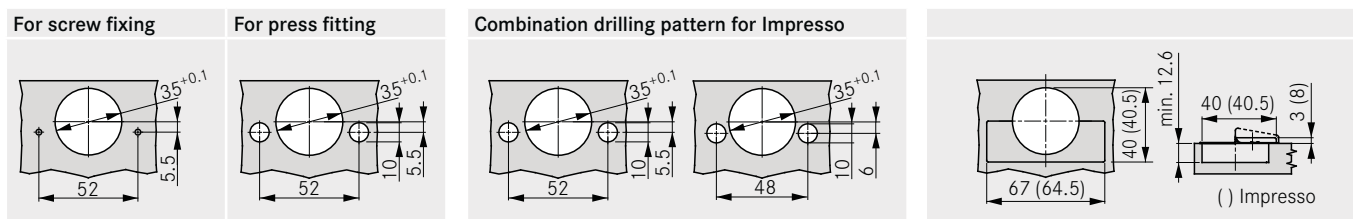
ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Inset <sup>1</sup>		■	-	-	<b>F028 138718</b>	<b>F028 138728</b>	<b>F017 139512</b>
		-	■	-	<b>F045 138656</b>	<b>F045 138666</b>	<b>F034 139483</b>
		-	■	■	<b>F046 138778</b>	-	-

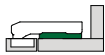
<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 52/5.5

CUP DIMENSIONS



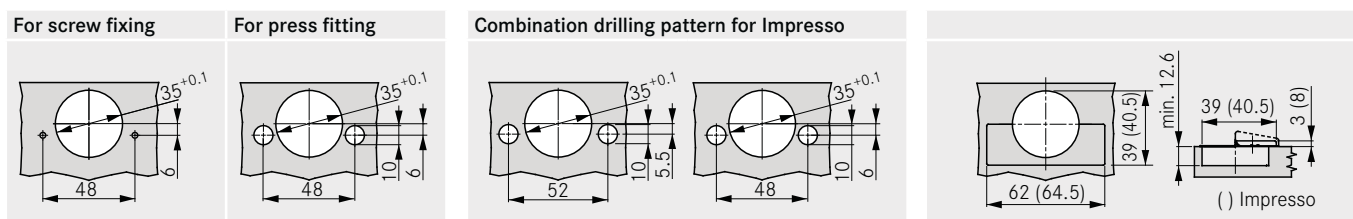
ORDER INFORMATION FOR DRILLING PATTERN 48/6

Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Inset <sup>1</sup>		■	-	-	<b>F028 138900</b>	<b>F028 138910</b>	<b>F017 139512</b>
		-	■	-	<b>F045 138838</b>	<b>F045 138848</b>	<b>F034 139483</b>
		-	■	■	<b>F046 138960</b>	-	-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 48/6

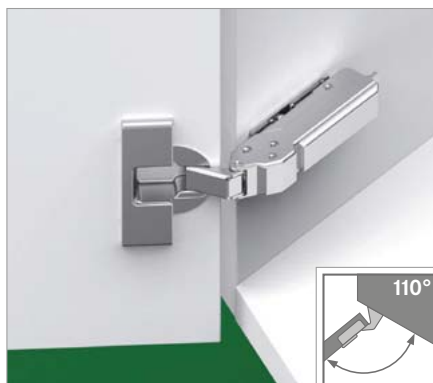
CUP DIMENSIONS



Tiomos mounting plates	102	Tipmatic	302	Assembly aids	358
Accessories	112	Technical information	116		

# TIOMOS 110/30A

+30° angle corner cabinet hinge (overlay)



- For 30° angled cabinets
- 110° opening angle
- Convenient depth adjustment via worm gear
- 3-dimensional adjustment with appropriate mounting plate
- Minimum reveals

#### Available in 3 versions:

- With integrated damper (3 adjustable damping levels)
- Without integrated damper
- Without self-closing mechanism (without spring)

## ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

Door overlay		Damper		without spring	Item No.		
		with	without		Click-on For screw fixing		Impresso without tools
Overlay <sup>1</sup>		■	-	-	<b>F028138529</b>		<b>F017139335</b>
		-	■	-	<b>F045138467</b>		<b>F034139306</b>
		-	■	■	<b>F046138589</b>		-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

## COVER CAPS

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	<b>F072135500</b>
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	GRASS logo	<b>F072135550</b>
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint		<b>F072135551</b>
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	<b>F072140504</b>
	Hinge cup cover cap, steel, nickel-plated, not imprinted	-	<b>F072135503</b>

## ACCESSORIES

	Designation	Item No.
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>

	Designation	Item No.
	Unclipping protector	<b>F072135807</b>

Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

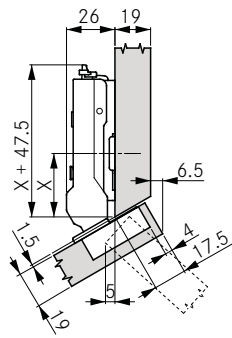
Assembly aids	358
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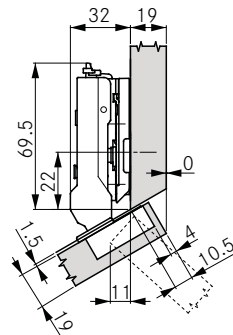
INSTALLATION INFORMATION

All dimensions in millimetres

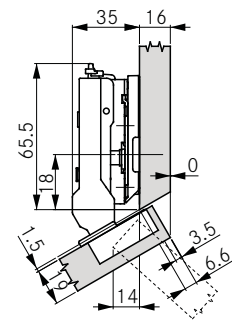
overlay



Mounting plate height 0

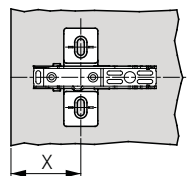


Mounting plate height 6



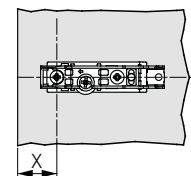
Mounting plate height 9

Door overlay	Cup distance					
	3	4	5	6	7	
20.5					0	
19.5				0		
18.5			0		2	
17.5		0		2	3	
16.5	0				3.5	
16.0			2	3		
15.5				3.5		
15.0		2	3			
14.5			3.5			
14.0	2	3				
13.5		3.5				
13.0	3					
12.5	3.5			6		
11.5			6			
10.5		6				
	Mounting plate height					



Cross mounting plates with fixing distance 37

X	Mounting plate height				
	0	2	3	3.5	6
X	34.0	33.0	32.0	32.0	30.5
	Cross mounting plate position (X)				



Linear mounting plates

X	Mounting plate height			
	0	2	3	3.5
X	17.0	16.0	15.0	15.0
	Linear mounting plate position (X)			

MINIMUM GAP

Door thickness	Cup distance				
	3	4	5	6	7
24.0	1.0	1.0	1.0	1.2	2.1
22.0	1.0	1.0	1.0	1.0	1.5
21.0	1.0	1.0	1.0	1.0	1.2
20.0	1.0	1.0	1.0	1.0	1.0
19.0	1.0	1.0	1.0	1.0	1.0
18.0	1.0	1.0	1.0	1.0	1.0
17.0	1.0	1.0	1.0	1.0	1.0
16.0	1.0	1.0	1.0	1.0	1.0
	Minimum gap				

MINIMUM REVEAL

Door thickness	Cup distance				
	3	4	5	6	7
24.0	2.4	2.1	2.1	2.1	2.0
22.0	1.6	1.6	1.6	1.5	1.5
21.0	1.4	1.3	1.3	1.3	1.3
20.0	1.1	1.1	1.1	1.1	1.1
19.0	0.9	0.9	0.9	0.9	0.9
18.0	0.7	0.7	0.7	0.7	0.7
17.0	0.6	0.6	0.6	0.6	0.6
16.0	0.6	0.6	0.6	0.6	0.6
	Minimum reveal (F)				

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

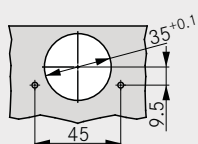
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

Hinge dimensions and reveal calculation with factory setting.

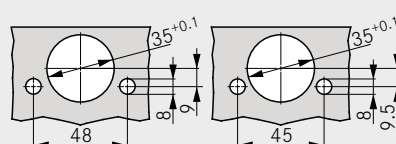
For door thicknesses of 24 mm and above, a trial fitting is recommended.

DRILLING PATTERNS 45/9.5

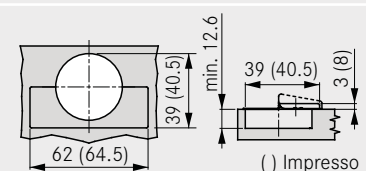
For screw fixing



Combination drilling pattern for Impresso




CUP DIMENSIONS



# TIOMOS 110/30A

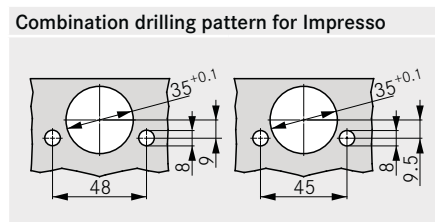
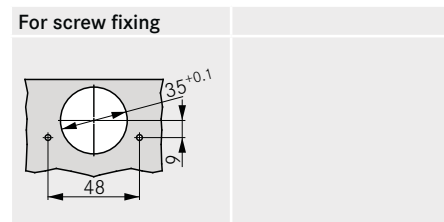
+30° angle corner cabinet hinge (overlay)

## ORDER INFORMATION FOR DRILLING PATTERN 48/9

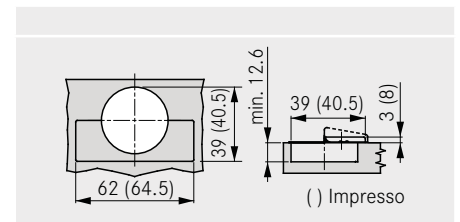
Door overlay		Damper			Click-on For screw fixing	Item No.	
		with	without	without spring			Impresso without tools
Overlay <sup>1</sup>		■	-	-	<b>F028 138 103</b>		<b>F017 139 335</b>
		-	■	-	<b>F045 138 0 10</b>		<b>F034 139 306</b>
		-	■	■	<b>F046 138 194</b>		-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated


## DRILLING PATTERNS 48/9



## CUP DIMENSIONS

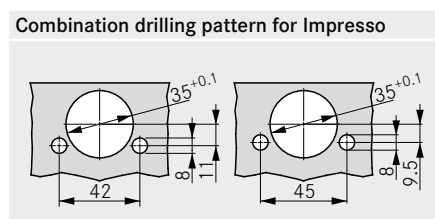
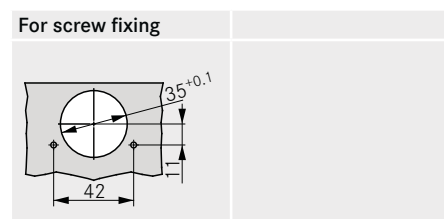


## ORDER INFORMATION FOR DRILLING PATTERN 42/11

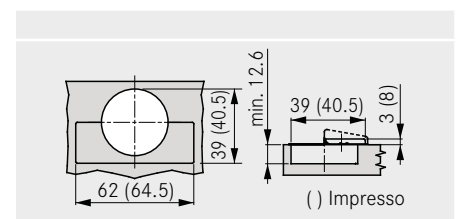
Door overlay		Damper			Click-on For screw fixing	Item No.	
		with	without	without spring			Impresso without tools
Overlay <sup>1</sup>		■	-	-	<b>F028 138 347</b>		<b>F017 139 420</b>
		-	■	-	<b>F045 138 285</b>		<b>F034 139 391</b>
		-	■	■	<b>F046 138 407</b>		-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

## DRILLING PATTERNS 42/11



## CUP DIMENSIONS



Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

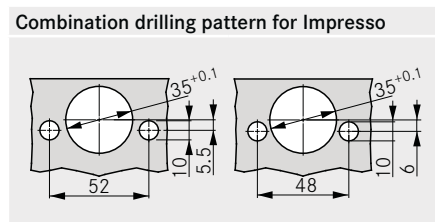
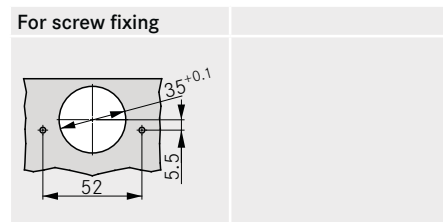
Assembly aids	358
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ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

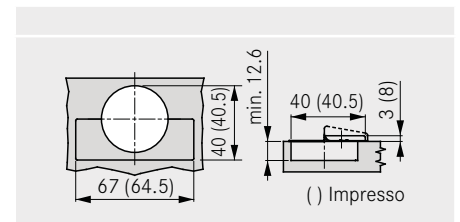
Door overlay		Damper			without spring	Item No.		
		with	without			Click-on For screw fixing		Impresso without tools
Overlay <sup>1</sup>		■	-	-		<b>F028138711</b>		<b>F017139505</b>
		-	■	-		<b>F045138649</b>		<b>F034139476</b>
		-	■	■		<b>F046138771</b>		-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 52/5.5



CUP DIMENSIONS

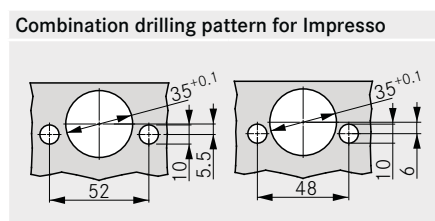
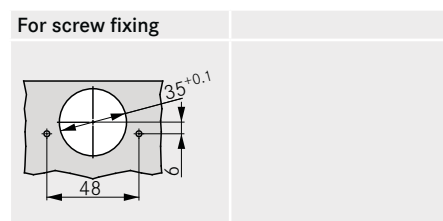


ORDER INFORMATION FOR DRILLING PATTERN 48/6

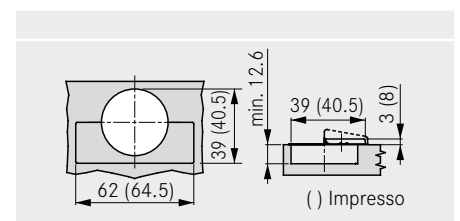
Door overlay		Damper			without spring	Item No.		
		with	without			Click-on For screw fixing		Impresso without tools
Overlay <sup>1</sup>		■	-	-		<b>F028138893</b>		<b>F017139505</b>
		-	■	-		<b>F045138831</b>		<b>F034139476</b>
		-	■	■		<b>F046138953</b>		-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 48/6



CUP DIMENSIONS



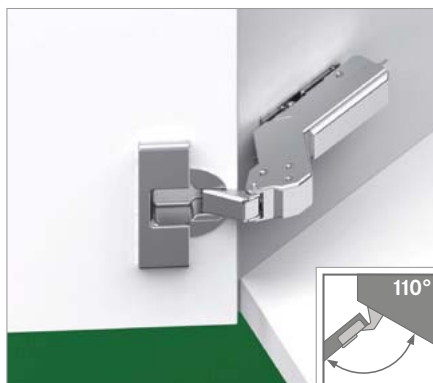
Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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# TIOMOS 110/30E

+30° angle corner cabinet hinge (inset)



- For 30° angled cabinets
- 110° opening angle
- Convenient depth adjustment via worm gear
- 3-dimensional adjustment with appropriate mounting plate
- Minimum reveals

#### Available in 3 versions:

- With integrated damper (3 adjustable damping levels)
- Without integrated damper
- Without self-closing mechanism (without spring)

## ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

Door overlay		Damper		without spring	Item No.		
		with	without		Click-on For screw fixing		Impresso without tools
Inset <sup>1</sup>		■	-	-	<b>F028138530</b>		<b>F017139336</b>
		-	■	-	<b>F045138468</b>		<b>F034139307</b>
		-	■	■	<b>F046138590</b>		-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

## COVER CAPS

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	<b>F072135500</b>
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	GRASS logo	<b>F072135550</b>
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint		<b>F072135551</b>
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	<b>F072140504</b>
	Hinge cup cover cap, steel, nickel-plated, not imprinted	-	<b>F072135503</b>

## ACCESSORIES

	Designation	Item No.
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>

	Designation	Item No.
	Unclipping protector	<b>F072135807</b>

Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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## INSTALLATION INFORMATION

All dimensions in millimetres

**Inset**

Mounting plate height 9

		Cup distance					
		3	4	5	6	7	
Door overlay	22	9.5			12		
	21	9					
	20					12	
	19	8	9	9.5			
	18		8	9			
	17				9.5		
	16			8		9.5	
	15	6				9	
		Mounting plate height					

Cross mounting plates with fixing distance 37

		Cup distance					
		3	4	5	6	7	
Door overlay	22	63.5			61.5		
	21	62.5					
	20		61.5			60.0	
	19		61.0	60.0			
	18		59.0	59.0			
	17				58.0		
	16			57.5		56.5	
	15	57.5				55.5	
		Cross mounting plate position (X)					

## MINIMUM REVEAL

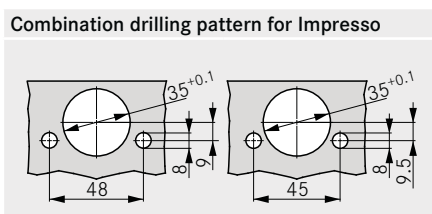
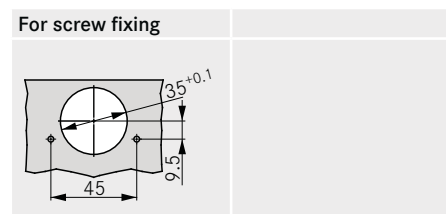
		Cup distance					
		3	4	5	6	7	
Door thickness	24.0	2.4	2.1	2.1	2.1	2.0	
	22.0	1.6	1.6	1.6	1.5	1.5	
	21.0	1.4	1.3	1.3	1.3	1.3	
	20.0	1.1	1.1	1.1	1.1	1.1	
	19.0	0.9	0.9	0.9	0.9	0.9	
	18.0	0.7	0.7	0.7	0.7	0.7	
	17.0	0.6	0.6	0.6	0.6	0.6	
	16.0	0.6	0.6	0.6	0.6	0.6	
	15.0	0.6	0.6	0.6	0.6	0.6	
		Minimum reveal (F)					

## NOTES

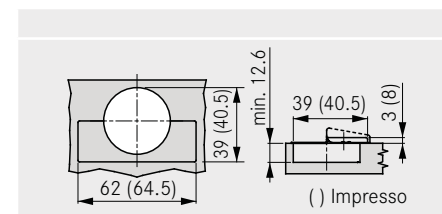
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

For door thicknesses of 24 mm and above, a trial fitting is recommended.

## DRILLING PATTERNS 45/9.5




## CUP DIMENSIONS



# TIOMOS 110/30E

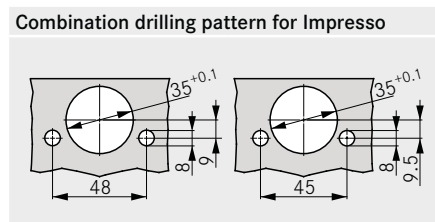
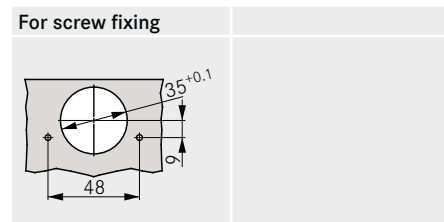
+30° angle corner cabinet hinge (inset)

## ORDER INFORMATION FOR DRILLING PATTERN 48/9

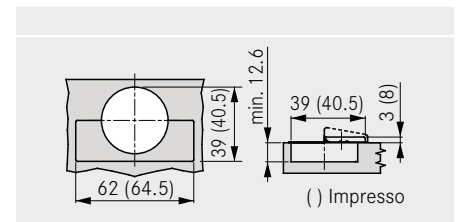
Door overlay		Damper			without spring	Item No.		
		with	without			Click-on For screw fixing		Impresso without tools
Inset <sup>1</sup>		■	-	-		<b>F028138104</b>		<b>F017139336</b>
		-	■	-		<b>F045138011</b>		<b>F034139307</b>
		-	■	■		<b>F046138195</b>		-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated


## DRILLING PATTERNS 48/9



## CUP DIMENSIONS

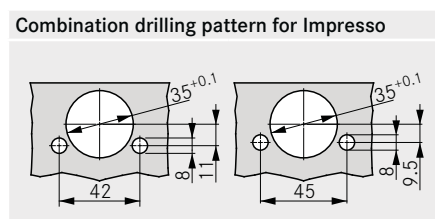
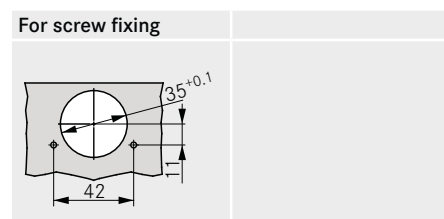


## ORDER INFORMATION FOR DRILLING PATTERN 42/11

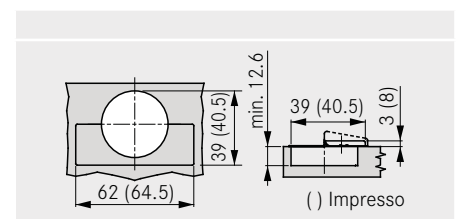
Door overlay		Damper			without spring	Item No.		
		with	without			Click-on For screw fixing		Impresso without tools
Inset <sup>1</sup>		■	-	-		<b>F028138348</b>		<b>F017139421</b>
		-	■	-		<b>F045138286</b>		<b>F034139392</b>
		-	■	■		<b>F046138408</b>		-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

## DRILLING PATTERNS 42/11



## CUP DIMENSIONS




Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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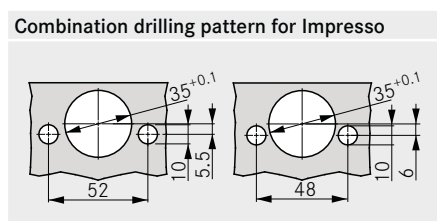
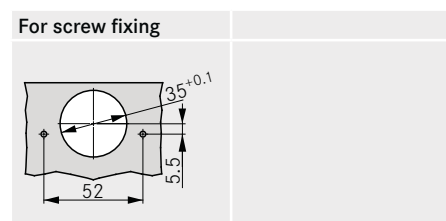


ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

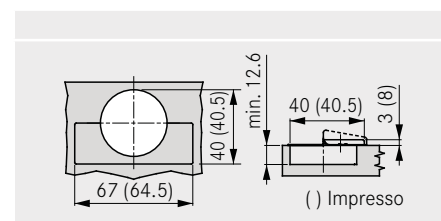
Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing		Impresso without tools
Inset <sup>1</sup>		■	-	-	F028138712		F017139506
		-	■	-	F045138650		F034139477
		-	■	■	F046138772		-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated


DRILLING PATTERNS 52/5.5



CUP DIMENSIONS

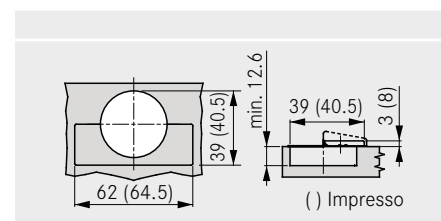
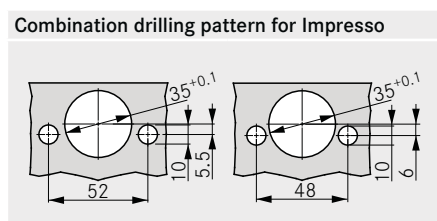
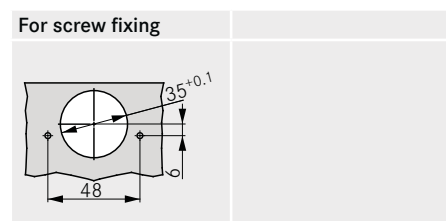


ORDER INFORMATION FOR DRILLING PATTERN 48/6

Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing		Impresso without tools
Inset <sup>1</sup>		■	-	-	F028138894		F017139506
		-	■	-	F045138832		F034139477
		-	■	■	F046138954		-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 48/6



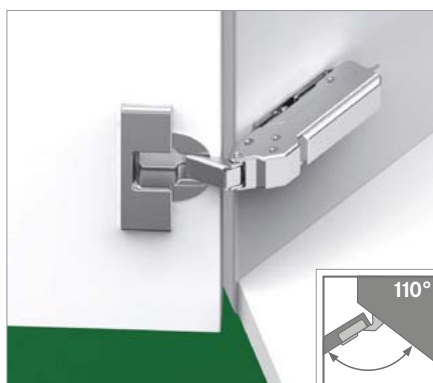
Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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# TIOMOS 110/37A

## +37° angle corner cabinet hinge (overlay)



- For 37° angled cabinets
- 110° opening angle
- Convenient depth adjustment via worm gear
- 3-dimensional adjustment with appropriate mounting plate
- Minimum reveals

### Available in 3 versions:

- With integrated damper (3 adjustable damping levels)
- Without integrated damper
- Without self-closing mechanism (without spring)

### ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

Door overlay		Damper		without spring	Item No.		
		with	without		Click-on For screw fixing		Impresso without tools
Overlay <sup>1</sup>		■	-	-	<b>F028138531</b>		<b>F017139337</b>
		-	■	-	<b>F045138469</b>		<b>F034139308</b>
		-	■	■	<b>F046138591</b>		-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

### COVER CAPS

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	<b>F072135500</b>
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	GRASS logo	<b>F072135550</b>
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint		<b>F072135551</b>
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	<b>F072140504</b>
	Hinge cup cover cap, steel, nickel-plated, not imprinted	-	<b>F072135503</b>

### ACCESSORIES

	Designation	Item No.
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>

	Designation	Item No.
	Unclipping protector	<b>F072135807</b>

Tiomos mounting plates	102
Accessories	112

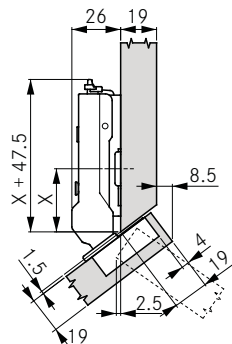
Tipmatic	302
Technical information	116

Assembly aids	358

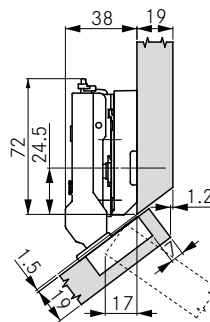
INSTALLATION INFORMATION

All dimensions in millimetres

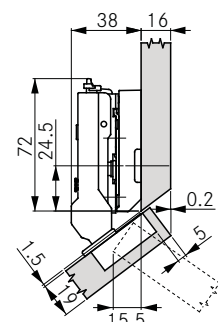
overlay



Mounting plate height 0



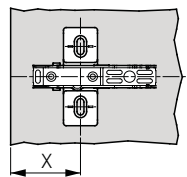
Mounting plate height 12



Mounting plate height 12

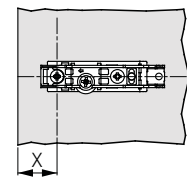
Door overlay	Cup distance					
	3	4	5	6	7	
21.5					0	
21.0				0		
20.0			0			
19.0		0				
18.5				2		
18.0	0				3	
17.5			2			
17.0				3		
16.5		2				
16.0			3			
15.5	2					
15.0		3				
14.5					6	
14.0	3					
13.0				6		
12.0			6			
11.0		6				
10.0	6					

Mounting plate height



Cross mounting plates with fixing distance 37

Mounting plate height	Cross mounting plate position (X)				
	0	2	3	3.5	6
X	33.5	32.0	31.0	31.0	29.0



Linear mounting plates

Mounting plate height	Linear mounting plate position (X)			
	0	2	3	3.5
X	16.5	15.0	14.0	14.0

MINIMUM GAP

Door thickness	Cup distance					
	3	4	5	6	7	
24.0	1.0	1.0	1.0	1.2	2.1	
22.0	1.0	1.0	1.0	1.0	1.5	
21.0	1.0	1.0	1.0	1.0	1.2	
20.0	1.0	1.0	1.0	1.0	1.0	
19.0	1.0	1.0	1.0	1.0	1.0	
18.0	1.0	1.0	1.0	1.0	1.0	
17.0	1.0	1.0	1.0	1.0	1.0	
16.0	1.0	1.0	1.0	1.0	1.0	

Minimum gap

MINIMUM REVEAL

Door thickness	Cup distance					
	3	4	5	6	7	
24.0	2.4	2.1	2.1	2.1	2.0	
22.0	1.6	1.6	1.6	1.5	1.5	
21.0	1.4	1.3	1.3	1.3	1.3	
20.0	1.1	1.1	1.1	1.1	1.1	
19.0	0.9	0.9	0.9	0.9	0.9	
18.0	0.7	0.7	0.7	0.7	0.7	
17.0	0.6	0.6	0.6	0.6	0.6	
16.0	0.6	0.6	0.6	0.6	0.6	

Minimum reveal (F)

NOTES

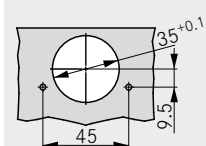
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

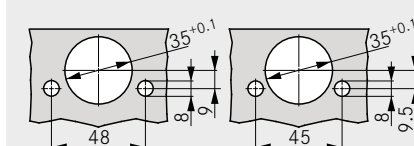
For door thicknesses of 24 mm and above, a trial fitting is recommended.

DRILLING PATTERNS 45/9.5

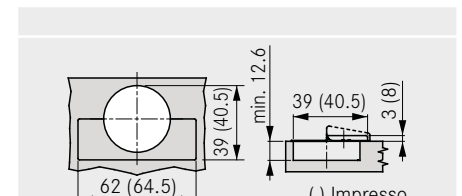
For screw fixing



Combination drilling pattern for Impresso




CUP DIMENSIONS



# TIOMOS 110/37A

+37° angle corner cabinet hinge (overlay)

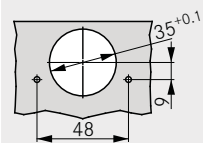
## ORDER INFORMATION FOR DRILLING PATTERN 48/9

Door overlay		Damper			Click-on For screw fixing	Item No.	
		with	without	without spring			Impresso without tools
Overlay <sup>1</sup>		■	-	-	<b>F028 138 105</b>		<b>F017 139 337</b>
		-	■	-	<b>F045 138 012</b>		<b>F034 139 308</b>
		-	■	■	<b>F046 138 196</b>		-

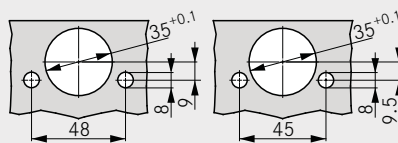
<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

## DRILLING PATTERNS 48/9

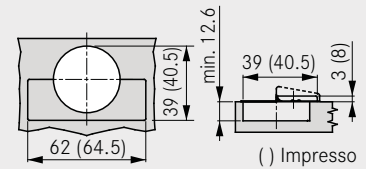
For screw fixing




Combination drilling pattern for Impresso



## CUP DIMENSIONS



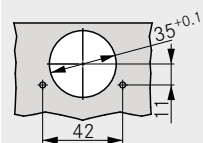
## ORDER INFORMATION FOR DRILLING PATTERN 42/11

Door overlay		Damper			Click-on For screw fixing	Item No.	
		with	without	without spring			Impresso without tools
Overlay <sup>1</sup>		■	-	-	<b>F028 138 349</b>		<b>F017 139 422</b>
		-	■	-	<b>F045 138 287</b>		<b>F034 139 393</b>
		-	■	■	<b>F046 138 409</b>		-

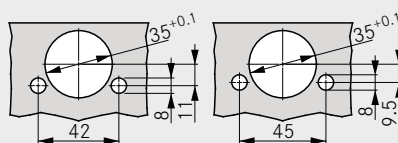
<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

## DRILLING PATTERNS 42/11

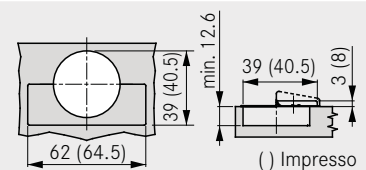
For screw fixing



Combination drilling pattern for Impresso



## CUP DIMENSIONS




Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

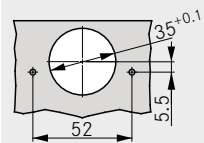
Door overlay		Damper			without spring	Item No.		
		with	without			Click-on For screw fixing		Impresso without tools
Overlay <sup>1</sup>		■	-	-		<b>F028138713</b>		<b>F017139507</b>
		-	■	-		<b>F045138651</b>		<b>F034139478</b>
		-	■	■		<b>F046138773</b>		-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

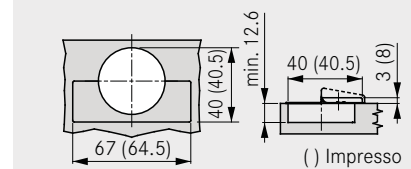
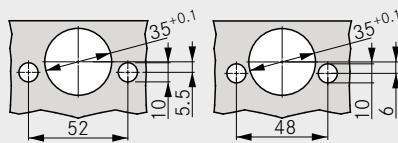
DRILLING PATTERNS 52/5.5

CUP DIMENSIONS


For screw fixing



Combination drilling pattern for Impresso



ORDER INFORMATION FOR DRILLING PATTERN 48/6

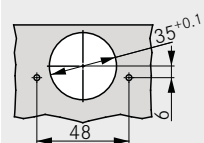
Door overlay		Damper			without spring	Item No.		
		with	without			Click-on For screw fixing		Impresso without tools
Overlay <sup>1</sup>		■	-	-		<b>F028138895</b>		<b>F017139507</b>
		-	■	-		<b>F045138833</b>		<b>F034139478</b>
		-	■	■		<b>F046138955</b>		-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

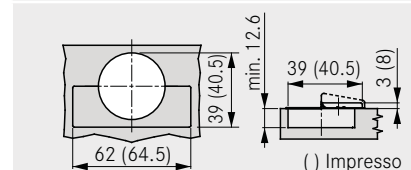
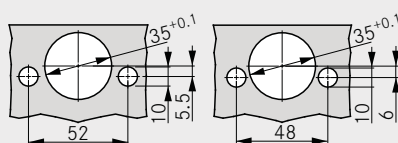
DRILLING PATTERNS 48/6

CUP DIMENSIONS

For screw fixing



Combination drilling pattern for Impresso



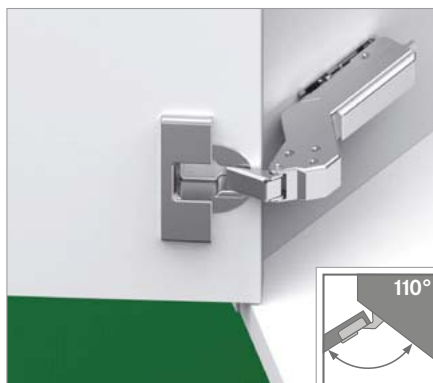
Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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# TIOMOS 110/37E

+37° angle corner cabinet hinge (inset)




- For 37° angled cabinets
- 110° opening angle
- Convenient depth adjustment via worm gear
- 3-dimensional adjustment with appropriate mounting plate
- Minimum reveals

#### Available in 3 versions:





- With integrated damper (3 adjustable damping levels)
- Without integrated damper
- Without self-closing mechanism (without spring)

## ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

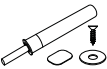

Door overlay		Damper		without spring	Item No.		
		with	without		Click-on For screw fixing		Impresso without tools
Inset <sup>1</sup>		■	-	-	<b>F028138532</b>		<b>F017139338</b>
		-	■	-	<b>F045138470</b>		<b>F034139309</b>
		-	■	■	<b>F046138592</b>		-


<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

## COVER CAPS

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	<b>F072135500</b>
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	GRASS logo	<b>F072135550</b>
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint		<b>F072135551</b>
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	<b>F072140504</b>
	Hinge cup cover cap, steel, nickel-plated, not imprinted	-	<b>F072135503</b>

## ACCESSORIES

	Designation	Item No.
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>

	Designation	Item No.
	Unclipping protector	<b>F072135807</b>

Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Inset

Mounting plate height 12

Door overlay	Cup distance					
	3	4	5	6	7	
22	12		14		15	
21		12		14		
20			12		14	
19				12		
18	9					
17		9.5			12	
16	8	9	9.5			
15		8	9			

Mounting plate height

Cross mounting plates with fixing distance 37

Door overlay	Cup distance					
	3	4	5	6	7	
22	59.0		57.5		56.5	
21		57.5		56.5		55.0
20			56.5			55.0
19				55.0		
18	56.0					
17		54.5			53.0	
16	54.5	54.0	53.0			
15		53.0	52.5			

Cross mounting plate position (X)

MINIMUM REVEAL

Door thickness	Cup distance					
	3	4	5	6	7	
24.0	2.4	2.1	2.1	2.1	2.0	
22.0	1.6	1.6	1.6	1.5	1.5	
21.0	1.4	1.3	1.3	1.3	1.3	
20.0	1.1	1.1	1.1	1.1	1.1	
19.0	0.9	0.9	0.9	0.9	0.9	
18.0	0.7	0.7	0.7	0.7	0.7	
17.0	0.6	0.6	0.6	0.6	0.6	
16.0	0.6	0.6	0.6	0.6	0.6	
15.0	0.6	0.6	0.6	0.6	0.6	

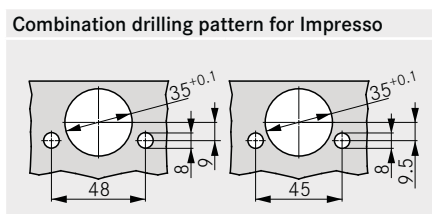
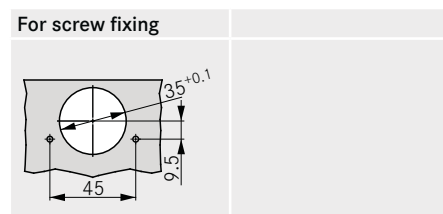
Minimum reveal (F)

NOTES

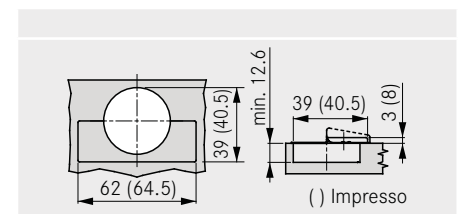
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

For door thicknesses of 24 mm and above, a trial fitting is recommended.

DRILLING PATTERNS 45/9.5




CUP DIMENSIONS



# TIOMOS 110/37E

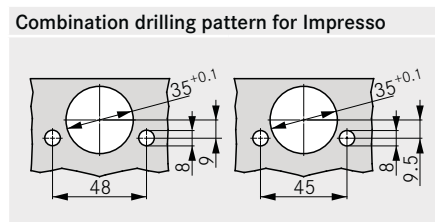
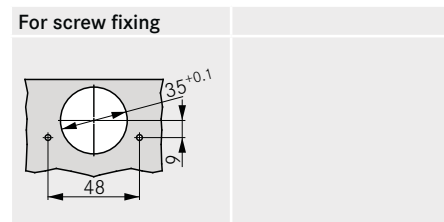
+37° angle corner cabinet hinge (inset)

## ORDER INFORMATION FOR DRILLING PATTERN 48/9

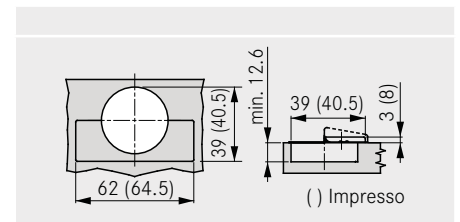
Door overlay		Damper			without spring	Item No.		
		with	without			Click-on For screw fixing		Impresso without tools
Inset <sup>1</sup>		■	-	-	<b>F028138106</b>		<b>F017139338</b>	
		-	■	-	<b>F045138013</b>		<b>F034139309</b>	
		-	■	■	<b>F046138197</b>		-	

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated


## DRILLING PATTERNS 48/9



## CUP DIMENSIONS

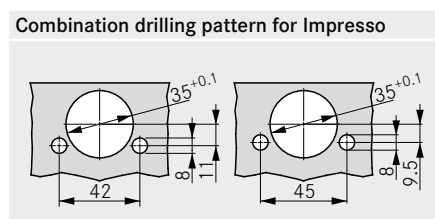
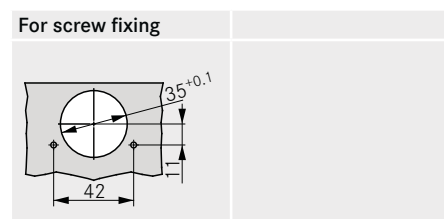


## ORDER INFORMATION FOR DRILLING PATTERN 42/11

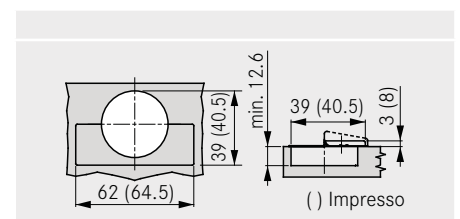
Door overlay		Damper			without spring	Item No.		
		with	without			Click-on For screw fixing		Impresso without tools
Inset <sup>1</sup>		■	-	-	<b>F028138350</b>		<b>F017139423</b>	
		-	■	-	<b>F045138288</b>		<b>F034139394</b>	
		-	■	■	<b>F046138410</b>		-	

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

## DRILLING PATTERNS 42/11



## CUP DIMENSIONS




Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

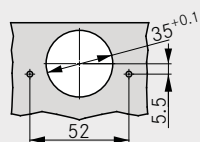
Door overlay		Damper			without spring	Item No.		
		with	without			Click-on For screw fixing		Impresso without tools
Inset <sup>1</sup>		■	-	-		<b>F028138714</b>		<b>F017139508</b>
		-	■	-		<b>F045138652</b>		<b>F034139479</b>
		-	■	■		<b>F046138774</b>		-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

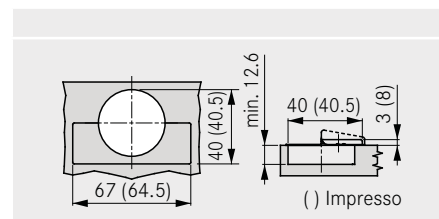
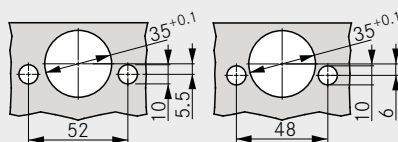
DRILLING PATTERNS 52/5.5

CUP DIMENSIONS


For screw fixing



Combination drilling pattern for Impresso



ORDER INFORMATION FOR DRILLING PATTERN 48/6

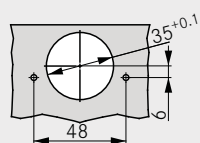
Door overlay		Damper			without spring	Item No.		
		with	without			Click-on For screw fixing		Impresso without tools
Inset <sup>1</sup>		■	-	-		<b>F028138896</b>		<b>F017139508</b>
		-	■	-		<b>F045138834</b>		<b>F034139479</b>
		-	■	■		<b>F046138956</b>		-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

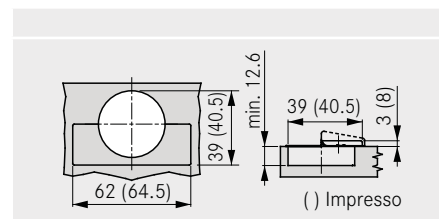
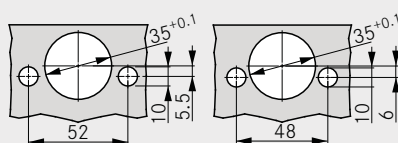
DRILLING PATTERNS 48/6

CUP DIMENSIONS

For screw fixing



Combination drilling pattern for Impresso



Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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# TIOMOS / 110/45A

+45° angle corner cabinet hinge (overlay)



- For 45° angled cabinets
- 110° opening angle
- Convenient depth adjustment via worm gear
- 3-dimensional adjustment with appropriate mounting plate
- Minimum reveals

#### Available in 3 versions:

- With integrated damper (3 adjustable damping levels)
- Without integrated damper
- Without self-closing mechanism (without spring)

## ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

Door overlay		Damper		without spring	Item No.		
		with	without		Click-on For screw fixing		Impresso without tools
Overlay <sup>1</sup>		■	-	-	<b>F028138533</b>		<b>F017139339</b>
		-	■	-	<b>F045138471</b>		<b>F034139310</b>
		-	■	■	<b>F046138593</b>		-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

## COVER CAPS

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	<b>F072135500</b>
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	GRASS logo	<b>F072135550</b>
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint		<b>F072135551</b>
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	<b>F072140504</b>
	Hinge cup cover cap, steel, nickel-plated, not imprinted	-	<b>F072135503</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>		Unclipping protector	<b>F072135807</b>
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Tiomos mounting plates	102
Accessories	112

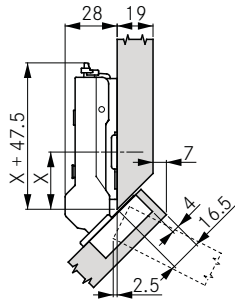
Tipmatic	302
Technical information	116

Assembly aids	358

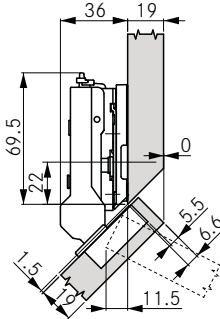
INSTALLATION INFORMATION

All dimensions in millimetres

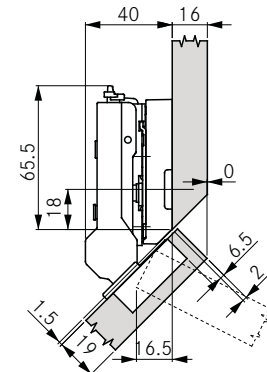
overlay



Mounting plate height 0



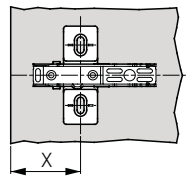
Mounting plate height 8



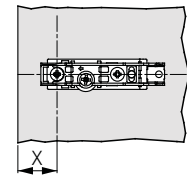
Mounting plate height 12

Door overlay	Cup distance					
	3	4	5	6	7	
19.5					0	
19.0						
18.5				0		
18.0						
17.5			0			
17.0						
16.5		0			2	
16.0						
15.5	0			2		
15.0					3	
14.5			2		3.5	
14.0				3		
13.5		2		3.5		
13.0			3			
12.5	2		3.5			
12.0		3				
11.0	3				6	
10.0				6		

Mounting plate height



Cross mounting plates with fixing distance 37



Linear mounting plates

X	Mounting plate height				
	0	2	3	3.5	6
X	30.5	28.5	27.5	27.0	24.5

Cross mounting plate position (X)

X	Mounting plate height			
	0	2	3	3.5
X	13.5	11.5	10.5	10.0

Linear mounting plate position (X)

MINIMUM GAP

Door thickness	Cup distance					
	3	4	5	6	7	
24.0	1.0	1.0	1.0	1.2	2.1	
22.0	1.0	1.0	1.0	1.0	1.5	
21.0	1.0	1.0	1.0	1.0	1.2	
20.0	1.0	1.0	1.0	1.0	1.0	
19.0	1.0	1.0	1.0	1.0	1.0	
18.0	1.0	1.0	1.0	1.0	1.0	
17.0	1.0	1.0	1.0	1.0	1.0	
16.0	1.0	1.0	1.0	1.0	1.0	

Minimum gap

MINIMUM REVEAL

Door thickness	Cup distance					
	3	4	5	6	7	
24.0	2.4	2.1	2.1	2.1	2.0	
22.0	1.6	1.6	1.6	1.5	1.5	
21.0	1.4	1.3	1.3	1.3	1.3	
20.0	1.1	1.1	1.1	1.1	1.1	
19.0	0.9	0.9	0.9	0.9	0.9	
18.0	0.7	0.7	0.7	0.7	0.7	
17.0	0.6	0.6	0.6	0.6	0.6	
16.0	0.6	0.6	0.6	0.6	0.6	

Minimum reveal (F)

NOTES

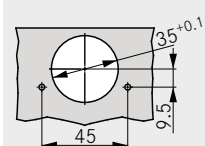
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

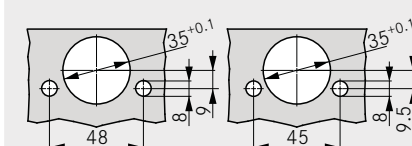
For door thicknesses of 24 mm and above, a trial fitting is recommended.

DRILLING PATTERNS 45/9.5

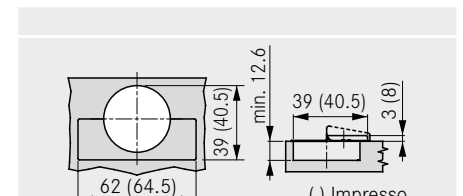
For screw fixing



Combination drilling pattern for Impresso




CUP DIMENSIONS



# TIOMOS 110/45A

+45° angle corner cabinet hinge (overlay)

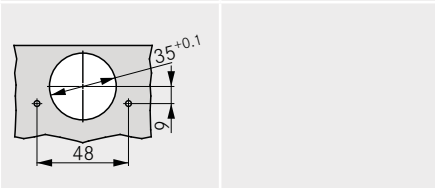
## ORDER INFORMATION FOR DRILLING PATTERN 48/9

Door overlay		Damper			Click-on For screw fixing	Item No.	
		with	without	without spring			Impresso without tools
Overlay <sup>1</sup>		■	-	-	<b>F028138107</b>		<b>F017139339</b>
		-	■	-	<b>F045138014</b>		<b>F034139310</b>
		-	■	■	<b>F046138198</b>		-

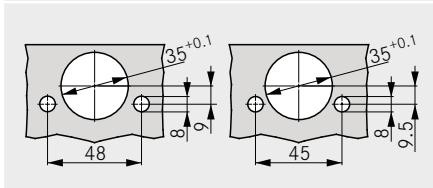
<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

## DRILLING PATTERNS 48/9

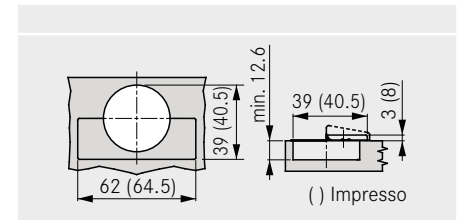
For screw fixing




Combination drilling pattern for Impresso



## CUP DIMENSIONS



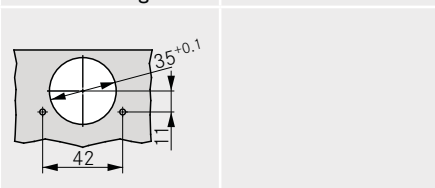
## ORDER INFORMATION FOR DRILLING PATTERN 42/11

Door overlay		Damper			Click-on For screw fixing	Item No.	
		with	without	without spring			Impresso without tools
Overlay <sup>1</sup>		■	-	-	<b>F028138351</b>		<b>F017139424</b>
		-	■	-	<b>F045138289</b>		<b>F034139395</b>
		-	■	■	<b>F046138411</b>		-

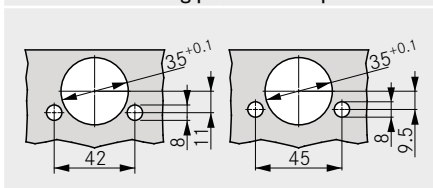
<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

## DRILLING PATTERNS 42/11

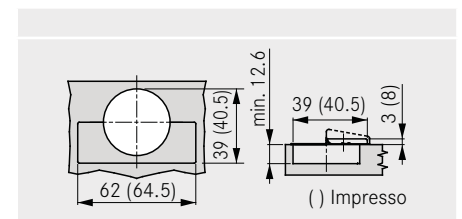
For screw fixing



Combination drilling pattern for Impresso



## CUP DIMENSIONS




Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

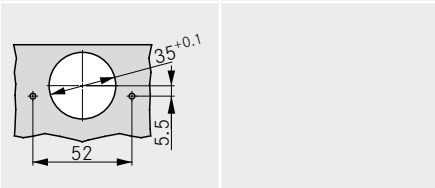
Door overlay		Damper			without spring	Item No.		
		with	without			Click-on For screw fixing		Impresso without tools
Overlay <sup>1</sup>		■	-	-		<b>F028 138715</b>		<b>F017 139509</b>
		-	■	-		<b>F045 138653</b>		<b>F034 139480</b>
		-	■	■		<b>F046 138775</b>		-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

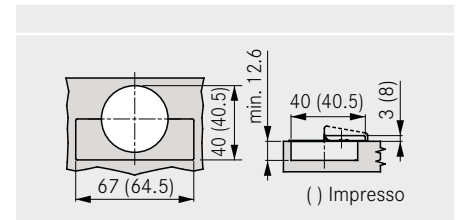
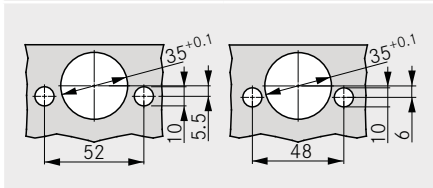
DRILLING PATTERNS 52/5.5

CUP DIMENSIONS


For screw fixing



Combination drilling pattern for Impresso



ORDER INFORMATION FOR DRILLING PATTERN 48/6

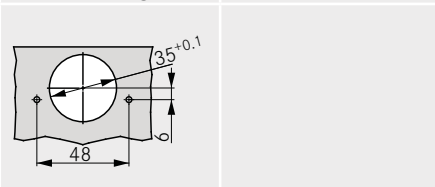
Door overlay		Damper			without spring	Item No.		
		with	without			Click-on For screw fixing		Impresso without tools
Overlay <sup>1</sup>		■	-	-		<b>F028 138897</b>		<b>F017 139509</b>
		-	■	-		<b>F045 138835</b>		<b>F034 139480</b>
		-	■	■		<b>F046 138957</b>		-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

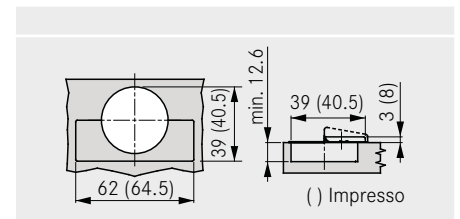
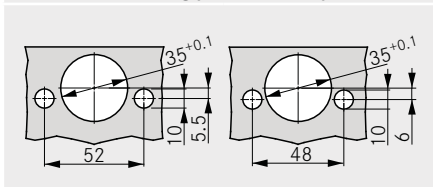
DRILLING PATTERNS 48/6

CUP DIMENSIONS

For screw fixing



Combination drilling pattern for Impresso



Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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# TIOMOS 110/45E

## +45° angle corner hinge (inset)



- For 45° angled cabinets
- 110° opening angle
- Convenient depth adjustment via worm gear
- 3-dimensional adjustment with appropriate mounting plate
- Minimum reveals

### Available in 3 versions:

- With integrated damper (3 adjustable damping levels)
- Without integrated damper
- Without self-closing mechanism (without spring)

### ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

Door overlay		Damper		without spring	Item No.		
		with	without		Click-on For screw fixing		Impresso without tools
Inset <sup>1</sup>		■	-	-	<b>F028138534</b>		<b>F017139340</b>
		-	■	-	<b>F045138472</b>		<b>F034139311</b>
		-	■	■	<b>F046138594</b>		-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

### COVER CAPS

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	<b>F072135500</b>
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	GRASS logo	<b>F072135550</b>
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint		<b>F072135551</b>
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	<b>F072140504</b>
	Hinge cup cover cap, steel, nickel-plated, not imprinted	-	<b>F072135503</b>

### ACCESSORIES

	Designation	Item No.
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>

	Designation	Item No.
	Unclipping protector	<b>F072135807</b>

Tiomos mounting plates	102
Accessories	112

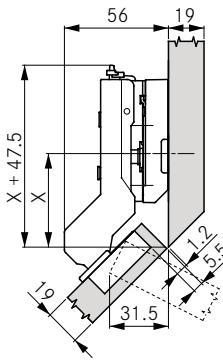
Tipmatic	302
Technical information	116

Assembly aids	358
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## INSTALLATION INFORMATION

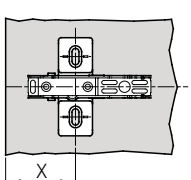
All dimensions in millimetres

**Inset**



Mounting plate height 14

Door overlay	Cup distance					
	3	4	5	6	7	
22		15.5				
21	14		15			
20			14	15	15.5	
19	12			15	15	
18		12			14	
17			12			
16				12		
15	9				12	
	Mounting plate height					



Cross mounting plates with fixing distance 37

Door overlay	Cup distance					
	3	4	5	6	7	
22		53.0				
21	53.0		51.5			
20			51.0	50.5	50.0	
19	52.0			50.0	49.0	
18		50.5			48.5	
17			49.0			
16				47.5		
15	49.0				46.0	
	Cross mounting plate position (X)					

## MINIMUM REVEAL

Door thickness	Cup distance					
	3	4	5	6	7	
24.0	2.4	2.1	2.1	2.1	2.0	
22.0	1.6	1.6	1.6	1.5	1.5	
21.0	1.4	1.3	1.3	1.3	1.3	
20.0	1.1	1.1	1.1	1.1	1.1	
19.0	0.9	0.9	0.9	0.9	0.9	
18.0	0.7	0.7	0.7	0.7	0.7	
17.0	0.6	0.6	0.6	0.6	0.6	
16.0	0.6	0.6	0.6	0.6	0.6	
	Minimum reveal (F)					

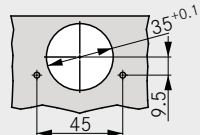
## NOTES

Minimum reveal for doors with bevelled edges ( $R = 1\text{ mm}$ ) (factory setting).

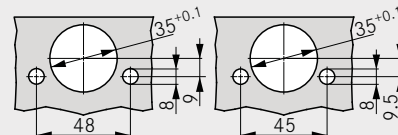
For door thicknesses of 24 mm and above, a trial fitting is recommended.

## DRILLING PATTERNS 45/9.5

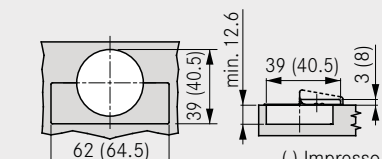
For screw fixing



Combination drilling pattern for Impresso



## CUP DIMENSIONS




( ) Impresso

# TIOMOS 110/45E

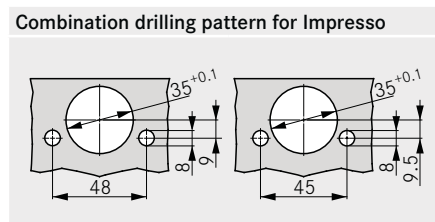
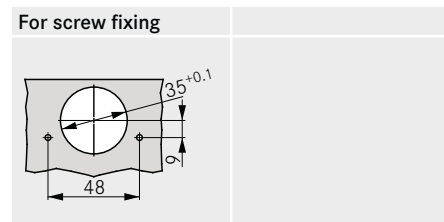
+45° angle corner cabinet hinge (inset)

## ORDER INFORMATION FOR DRILLING PATTERN 48/9

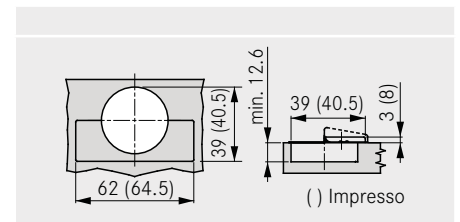
Door overlay		Damper			without spring	Item No.		
		with	without			Click-on For screw fixing		Impresso without tools
Inset <sup>1</sup>		■	-	-		<b>F028138108</b>		<b>F017139340</b>
		-	■	-		<b>F045138015</b>		<b>F034139311</b>
		-	■	■		<b>F046138199</b>		-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated


## DRILLING PATTERNS 48/9



## CUP DIMENSIONS

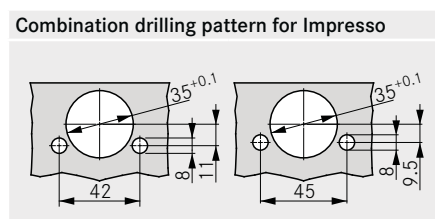
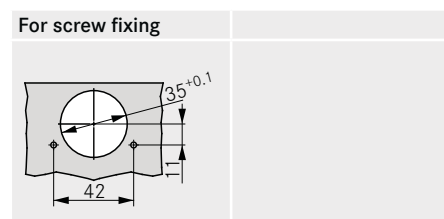


## ORDER INFORMATION FOR DRILLING PATTERN 42/11

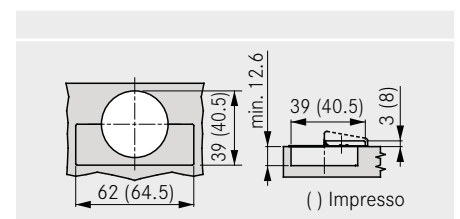
Door overlay		Damper			without spring	Item No.		
		with	without			Click-on For screw fixing		Impresso without tools
Inset <sup>1</sup>		■	-	-		<b>F028138352</b>		<b>F017139425</b>
		-	■	-		<b>F045138290</b>		<b>F034139396</b>
		-	■	■		<b>F046138412</b>		-

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

## DRILLING PATTERNS 42/11



## CUP DIMENSIONS




Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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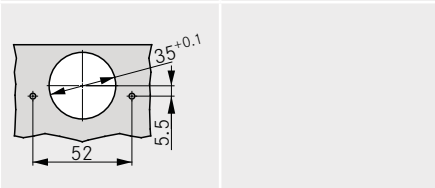
ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

Door overlay		Damper			without spring	Item No.		
		with	without			Click-on For screw fixing		Impresso without tools
Inset <sup>1</sup>		■	-	-		<b>F028138716</b>		<b>F017139510</b>
		-	■	-		<b>F045138654</b>		<b>F034139481</b>
		-	■	■		<b>F046138776</b>		-

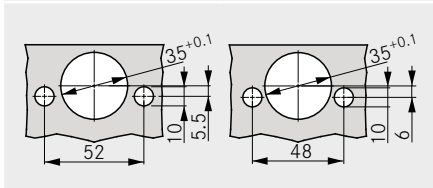
<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 52/5.5

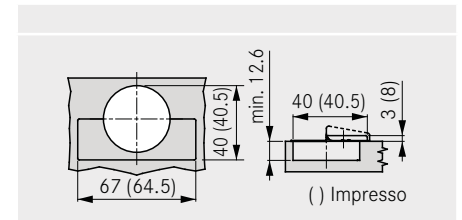
For screw fixing




Combination drilling pattern for Impresso



CUP DIMENSIONS



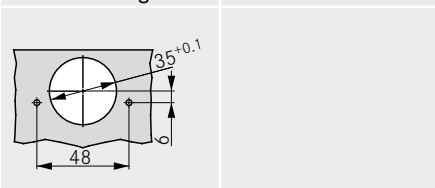
ORDER INFORMATION FOR DRILLING PATTERN 48/6

Door overlay		Damper			without spring	Item No.		
		with	without			Click-on For screw fixing		Impresso without tools
Inset <sup>1</sup>		■	-	-		<b>F028138898</b>		<b>F017139510</b>
		-	■	-		<b>F045138836</b>		<b>F034139481</b>
		-	■	■		<b>F046138958</b>		-

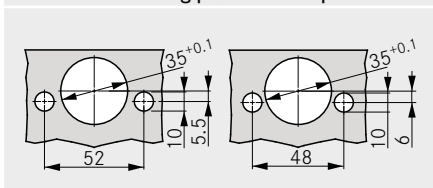
<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 48/6

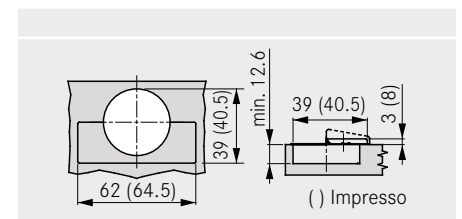
For screw fixing



Combination drilling pattern for Impresso



CUP DIMENSIONS



Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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# TIOMOS 120/-15A

## -15° angle corner cabinet hinge (overlay)




- For -15° angled cabinets
- 120° opening angle
- Convenient depth adjustment via worm gear
- 3-dimensional adjustment with appropriate mounting plate
- Minimum reveals

### Available in 2 versions:

- With integrated damper (3 adjustable damping levels)
- Without integrated damper






### ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

Door overlay		Damper			without spring	Item No.	
		with	without	Click-on For screw fixing		Impresso without tools <sup>2</sup>	
Overlay <sup>1</sup>		■	-	-	<b>F028138555</b>		<b>F017139347</b>
		-	■	-	<b>F045138493</b>		<b>F034139318</b>



<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>2</sup> Available on request

### COVER CAPS

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	<b>F072135500</b>
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	GRASS logo	<b>F072135550</b>
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint		<b>F072135551</b>
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	<b>F072140504</b>
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	On request	<b>F072135504</b>
	Hinge cup cover cap, steel, nickel-plated, not imprinted	-	<b>F072135503</b>

### ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			
	Unclipping protector	<b>F072135807</b>			

Tiomos mounting plates	102
Accessories	112

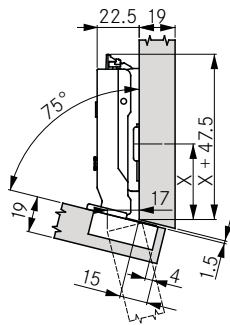
Technical information	116
Assembly aids	358




INSTALLATION INFORMATION

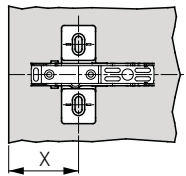
All dimensions in millimetres

overlay



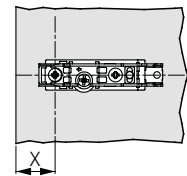
Mounting plate height 0

	Cup distance				
	3	4	5	6	7
18.0					0
17.0				0	
16.0			0		
15.0		0			
14.5				2	3
14.0	0				3.5
13.5			2	3	
13.0				3.5	
12.5		2	3		
12.0			3.5		
11.5		3			6
11.0		3.5			
10.5	3			6	
10.0	3.5				
9.5			6		
8.5		6			
Mounting plate height					



Cross mounting plates with fixing distance 37

	Mounting plate height				
	0	2	3	3.5	6
X	40	40.5	40.5	41	41.5
Cross mounting plate position (X)					



Linear mounting plates

	Mounting plate height			
	0	2	3	3.5
X	23	23.5	23.5	24
Linear mounting plate position (X)				

MINIMUM REVEAL

	Cup distance				
	3	4	5	6	7
24.0	6.4	5.4	4.4	3.4	2.4
22.0	3.0	2.0	1.5	1.5	1.5
21.0	1.4	1.3	1.3	1.3	1.3
20.0	1.1	1.1	1.1	1.1	1.1
19.0	0.9	0.9	0.9	0.9	0.9
18.0	0.7	0.7	0.7	0.7	0.7
17.0	1.0	1.0	1.0	1.0	1.5
16.0	1.0	1.0	1.0	1.0	1.0
Minimum reveal (F)					

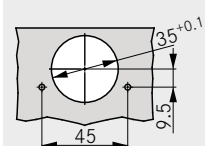
NOTES

Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

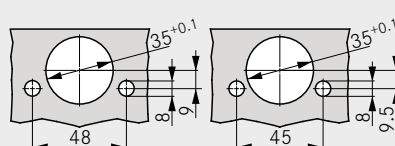
We recommend a trial fitting.

DRILLING PATTERNS 45/9.5

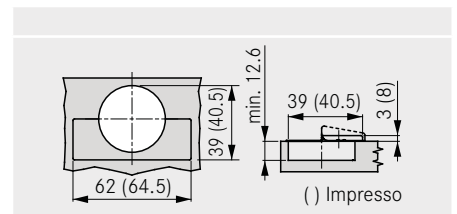
For screw fixing



Combination drilling pattern for Impresso




CUP DIMENSIONS



# TIOMOS 120/-15A

-15° angle corner cabinet hinge (overlay)

## ORDER INFORMATION FOR DRILLING PATTERN 48/9

Door overlay		Damper			Click-on For screw fixing	Item No.	
		with	without	without spring			Impresso without tools <sup>2</sup>
Overlay <sup>1</sup>		■	-	-	<b>F028138129</b>		<b>F017139347</b>
		-	■	-	<b>F045138036</b>		<b>F034139318</b>

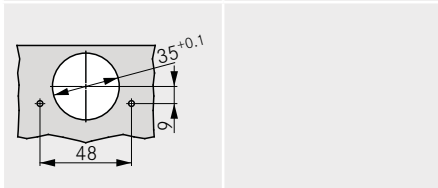
<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>2</sup> Available on request

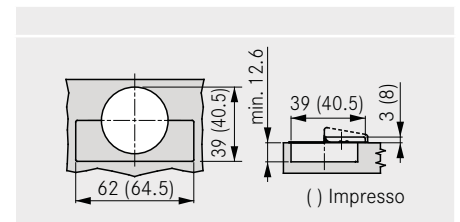
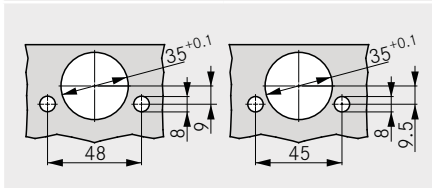
## DRILLING PATTERNS 48/9

## CUP DIMENSIONS


For screw fixing



Combination drilling pattern for Impresso



## ORDER INFORMATION FOR DRILLING PATTERN 42/11

Door overlay		Damper			Click-on For screw fixing	Item No.	
		with	without	without spring			Impresso without tools <sup>2</sup>
Overlay <sup>1</sup>		■	-	-	<b>F028138373</b>		<b>F017139432</b>
		-	■	-	<b>F045138311</b>		<b>F034139403</b>

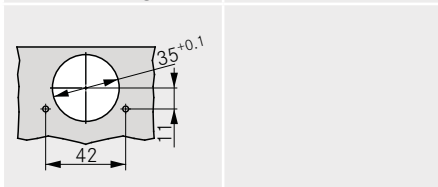
<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>2</sup> Available on request

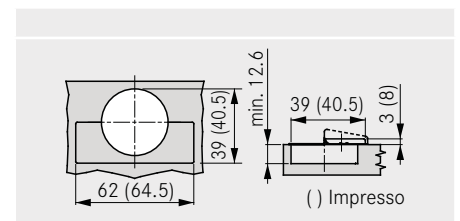
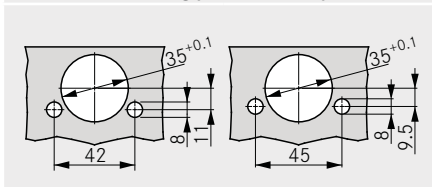
## DRILLING PATTERNS 42/11

## CUP DIMENSIONS

For screw fixing




Combination drilling pattern for Impresso



Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358

ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

Door overlay		Damper			Click-on For screw fixing	Item No.	
		with	without	without spring			Impresso without tools <sup>2</sup>
Overlay <sup>1</sup>		■	-	-	<b>F028 138737</b>		<b>F017 139517</b>
		-	■	-	<b>F045 138675</b>		<b>F034 139488</b>

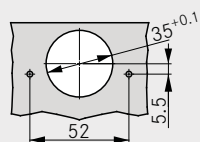
<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>2</sup> Available on request

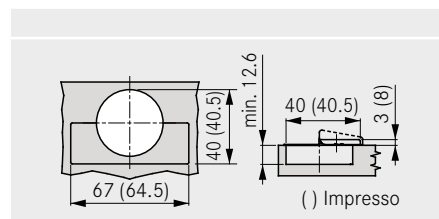
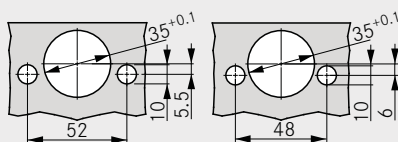
DRILLING PATTERNS 52/5.5

CUP DIMENSIONS


For screw fixing



Combination drilling pattern for Impresso



ORDER INFORMATION FOR DRILLING PATTERN 48/6

Door overlay		Damper			Click-on For screw fixing	Item No.	
		with	without	without spring			Impresso without tools <sup>2</sup>
Overlay <sup>1</sup>		■	-	-	<b>F028 138919</b>		<b>F017 139517</b>
		-	■	-	<b>F045 138857</b>		<b>F034 139488</b>

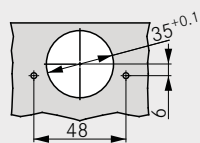
<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>2</sup> Available on request

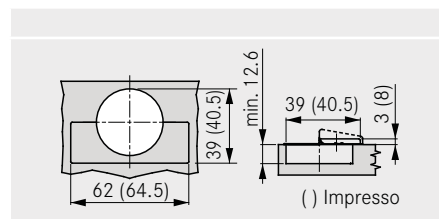
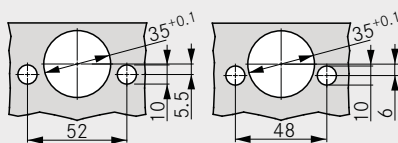
DRILLING PATTERNS 48/6

CUP DIMENSIONS

For screw fixing



Combination drilling pattern for Impresso



Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358

# TIOMOS 120/-30A

## -30° angle corner cabinet hinge (overlay)



- For -30° angled cabinets
- 120° opening angle
- Convenient depth adjustment via worm gear
- 3-dimensional adjustment with appropriate mounting plate
- Minimum reveals

### Available in 2 versions:

- With integrated damper (3 adjustable damping levels)
- Without integrated damper

### ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

Door overlay		Damper			without spring	Item No.		
		with	without	without spring		Click-on For screw fixing		Impresso without tools <sup>2</sup>
Overlay <sup>1</sup>		■	-	-	<b>F028138556</b>		<b>F017139348</b>	
		-	■	-	<b>F045138494</b>		<b>F034139319</b>	

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>2</sup> Available on request

### COVER CAPS

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	<b>F072135500</b>
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	GRASS logo	<b>F072135550</b>
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint		<b>F072135551</b>
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	<b>F072140504</b>
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	On request	<b>F072135504</b>
	Hinge cup cover cap, steel, nickel-plated, not imprinted	-	<b>F072135503</b>

### ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			
	Unclipping protector	<b>F072135807</b>			

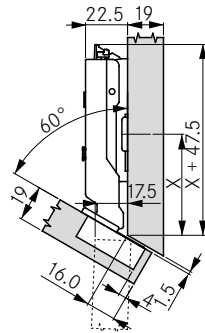
Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358


INSTALLATION INFORMATION

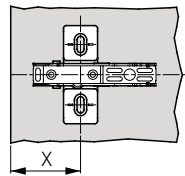
All dimensions in millimetres

overlay



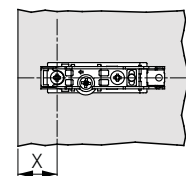
Mounting plate height 0

Door overlay	Cup distance				
	3	4	5	6	7
19.0					0
18.0				0	
17.0			0		
16.5					2
16.0		0			
15.5				2	
15.0	0				3
14.5			2		3.5
14.0				3	
13.5		2		3.5	
13.0			3		
12.5	2		3.5		
12.0		3			6
11.5		3.5			
11.0	3			6	
10.5	3.5				
10.0			6		
9.0		6			
8.0	6				
Mounting plate height					



Cross mounting plates with fixing distance 37

X	Mounting plate height				
	0	2	3	3.5	6
X	53.5	55	55.5	55.5	57
Cross mounting plate position (X)					



Linear mounting plates

X	Mounting plate height			
	0	2	3	3.5
X	36.5	38	38.5	38.5
Linear mounting plate position (X)				

MINIMUM REVEAL

Door thickness	Cup distance				
	3	4	5	6	7
24.0	6.4	5.4	4.4	3.4	2.4
22.0	3.0	2.0	1.5	1.5	1.5
21.0	1.4	1.3	1.3	1.3	1.3
20.0	1.1	1.1	1.1	1.1	1.1
19.0	0.9	0.9	0.9	0.9	0.9
18.0	0.7	0.7	0.7	0.7	0.7
17.0	1.0	1.0	1.0	1.0	1.5
16.0	1.0	1.0	1.0	1.0	1.0
Minimum reveal (F)					

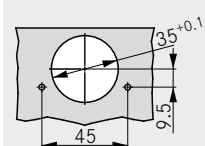
NOTES

Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

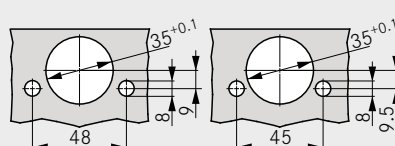
We recommend a trial fitting.

DRILLING PATTERNS 45/9.5

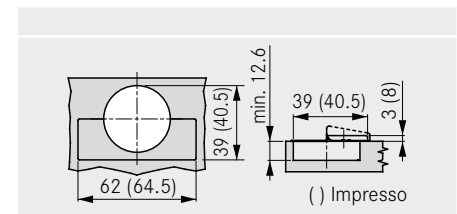
For screw fixing



Combination drilling pattern for Impresso




CUP DIMENSIONS



# TIOMOS 120/-30A

-30° angle corner cabinet hinge (overlay)

## ORDER INFORMATION FOR DRILLING PATTERN 48/9

Door overlay		Damper			Click-on For screw fixing	Item No.	
		with	without	without spring			Impresso without tools <sup>2</sup>
Overlay <sup>1</sup>		■	-	-	<b>F028138130</b>		<b>F017139348</b>
		-	■	-	<b>F045138037</b>		<b>F034139319</b>

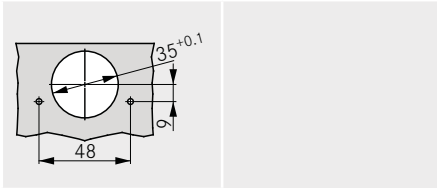
<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>2</sup> Available on request

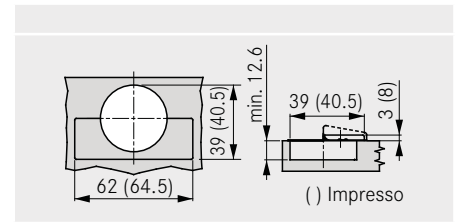
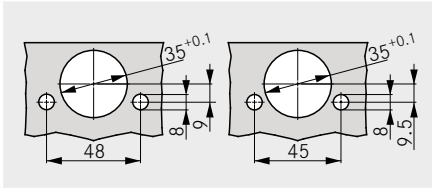
## DRILLING PATTERNS 48/9

## CUP DIMENSIONS


For screw fixing



Combination drilling pattern for Impresso



## ORDER INFORMATION FOR DRILLING PATTERN 42/11

Door overlay		Damper			Click-on For screw fixing	Item No.	
		with	without	without spring			Impresso without tools <sup>2</sup>
Overlay <sup>1</sup>		■	-	-	<b>F028138374</b>		<b>F017139433</b>
		-	■	-	<b>F045138312</b>		<b>F034139404</b>

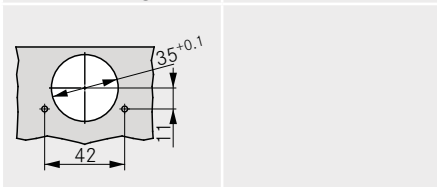
<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>2</sup> Available on request

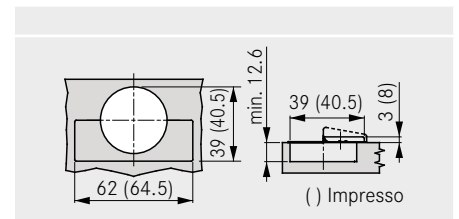
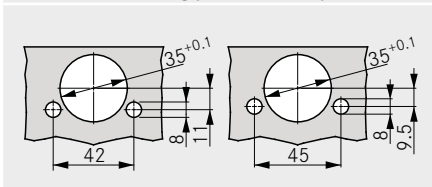
## DRILLING PATTERNS 42/11

## CUP DIMENSIONS

For screw fixing




Combination drilling pattern for Impresso



Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358


ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

Door overlay		Damper			without spring	Item No.		
		with	without			Click-on For screw fixing		Impresso without tools <sup>2</sup>
Overlay <sup>1</sup>		■	-	-		<b>F028138738</b>		<b>F017139518</b>
		-	■	-		<b>F045138676</b>		<b>F034139489</b>

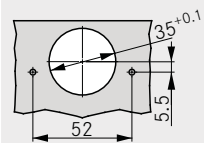
<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>2</sup> Available on request

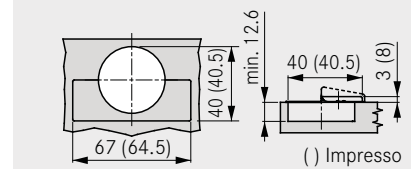
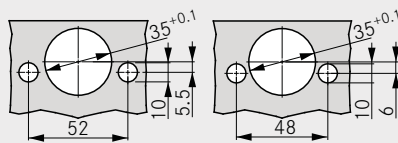
DRILLING PATTERNS 52/5.5

CUP DIMENSIONS


For screw fixing



Combination drilling pattern for Impresso



ORDER INFORMATION FOR DRILLING PATTERN 48/6

Door overlay		Damper			without spring	Item No.		
		with	without			Click-on For screw fixing		Impresso without tools <sup>2</sup>
Overlay <sup>1</sup>		■	-	-		<b>F028138920</b>		<b>F017139518</b>
		-	■	-		<b>F045138858</b>		<b>F034139489</b>

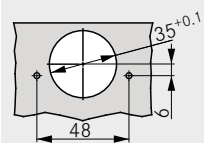
<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>2</sup> Available on request

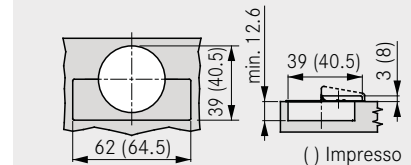
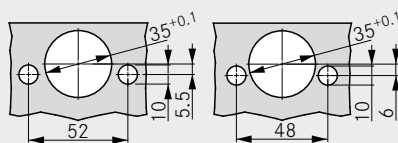
DRILLING PATTERNS 48/6

CUP DIMENSIONS

For screw fixing



Combination drilling pattern for Impresso



Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358



# TIOMOS 120/-45A

## -45° angle corner cabinet hinge (overlay)



- For -45° angled cabinets
- 120° opening angle
- Convenient depth adjustment via worm gear
- 3-dimensional adjustment with appropriate mounting plate
- Minimum reveals

### Available in 2 versions:

- With integrated damper (3 adjustable damping levels)
- Without integrated damper

### ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

Door overlay		Damper		without spring	Click-on For screw fixing	Item No.	
		with	without				Impresso without tools <sup>2</sup>
Overlay <sup>1</sup>		■	-	-	<b>F028 138557</b>		<b>F017 139349</b>
		-	■	-	<b>F045 138495</b>		<b>F034 139320</b>

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>2</sup> Available on request

### COVER CAPS

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	<b>F072 135500</b>
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	GRASS logo	<b>F072 135550</b>
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint		<b>F072 135551</b>
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	<b>F072 140504</b>
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	On request	<b>F072 135504</b>
	Hinge cup cover cap, steel, nickel-plated, not imprinted	-	<b>F072 135503</b>

### ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			
	Unclipping protector	<b>F072 135807</b>			

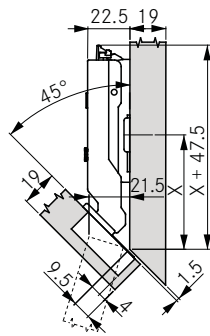
Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358


INSTALLATION INFORMATION

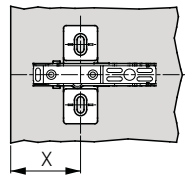
All dimensions in millimetres

overlay



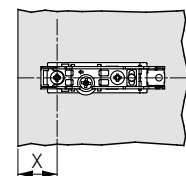
Mounting plate height 0

Door overlay	Cup distance				
	3	4	5	6	7
12.0					0
11.5				0	
10.5			0		
9.5		0			2
8.5	0			2	
8.0					3
7.5			2		3.5
7.0				3	
6.5		2		3.5	
6.0			3		
5.5	2		3.5		
5.0		3			
4.5		3.5			
4.0	3				6
3.5	3.5				
3.0				6	
2.0			6		
1.0		6			
0.0	6				
	Mounting plate height				



Cross mounting plates with fixing distance 37

X	Mounting plate height				
	0	2	3	3.5	6
X	60.5	62.5	63.5	64	66.5
	Cross mounting plate position (X)				



Linear mounting plates

X	Mounting plate height			
	0	2	3	3.5
X	43.5	45.5	46.5	47
	Linear mounting plate position (X)			

MINIMUM REVEAL

Door thickness	Cup distance				
	3	4	5	6	7
24.0	6.4	5.4	4.4	3.4	2.4
22.0	3.0	2.0	1.5	1.5	1.5
21.0	1.4	1.3	1.3	1.3	1.3
20.0	1.1	1.1	1.1	1.1	1.1
19.0	0.9	0.9	0.9	0.9	0.9
18.0	0.7	0.7	0.7	0.7	0.7
17.0	1.0	1.0	1.0	1.0	1.5
16.0	1.0	1.0	1.0	1.0	1.0
	Minimum reveal (F)				

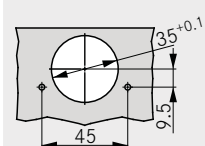
NOTES

Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

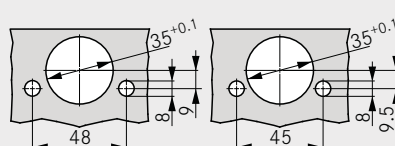
We recommend a trial fitting.

DRILLING PATTERNS 45/9.5

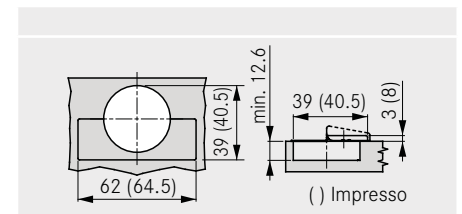
For screw fixing



Combination drilling pattern for Impresso




CUP DIMENSIONS



# TIOMOS 120/-45A

-45° angle corner cabinet hinge (overlay)

## ORDER INFORMATION FOR DRILLING PATTERN 48/9

Door overlay		Damper			Click-on For screw fixing	Item No.	
		with	without	without spring			Impresso without tools <sup>2</sup>
Overlay <sup>1</sup>		■	-	-	<b>F028138131</b>		<b>F017139349</b>
		-	■	-	<b>F045138038</b>		<b>F034139320</b>

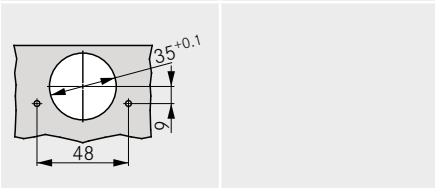
<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>2</sup> Available on request

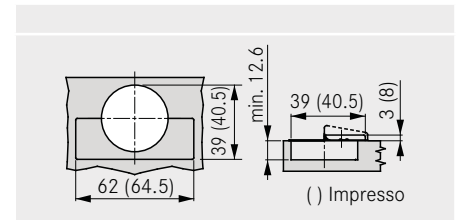
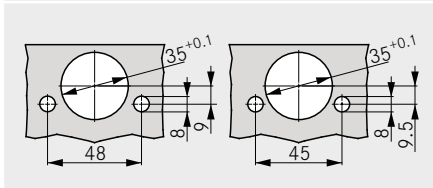
## DRILLING PATTERNS 48/9

## CUP DIMENSIONS


For screw fixing



Combination drilling pattern for Impresso



## ORDER INFORMATION FOR DRILLING PATTERN 42/11

Door overlay		Damper			Click-on For screw fixing	Item No.	
		with	without	without spring			Impresso without tools <sup>2</sup>
Overlay <sup>1</sup>		■	-	-	<b>F028138375</b>		<b>F017139434</b>
		-	■	-	<b>F045138313</b>		<b>F034139405</b>

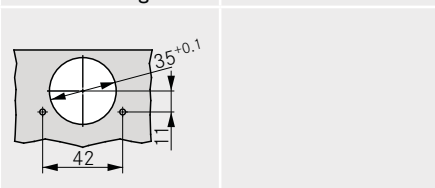
<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>2</sup> Available on request

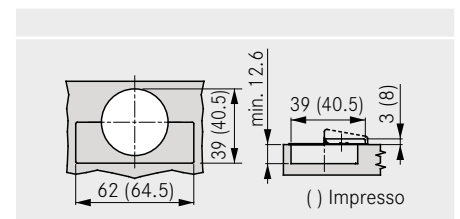
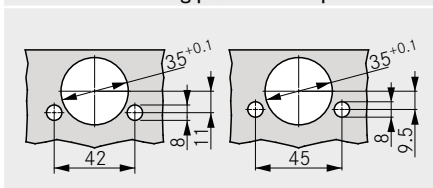
## DRILLING PATTERNS 42/11

## CUP DIMENSIONS

For screw fixing




Combination drilling pattern for Impresso



Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358

ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

Door overlay		Damper			without spring	Item No.		
		with	without	without spring		Click-on For screw fixing		Impresso without tools <sup>2</sup>
Overlay <sup>1</sup>		■	-	-		<b>F028138739</b>		<b>F017139519</b>
		-	■	-		<b>F045138677</b>		<b>F034139490</b>

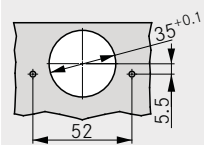
<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>2</sup> Available on request

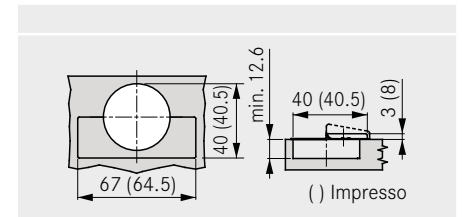
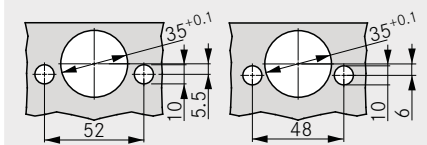
DRILLING PATTERNS 52/5.5

CUP DIMENSIONS


For screw fixing



Combination drilling pattern for Impresso



ORDER INFORMATION FOR DRILLING PATTERN 48/6

Door overlay		Damper			without spring	Item No.		
		with	without	without spring		Click-on For screw fixing		Impresso without tools <sup>2</sup>
Overlay <sup>1</sup>		■	-	-		<b>F028138921</b>		<b>F017139519</b>
		-	■	-		<b>F045138859</b>		<b>F034139490</b>

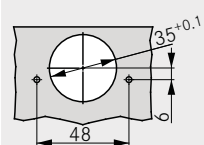
<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>2</sup> Available on request

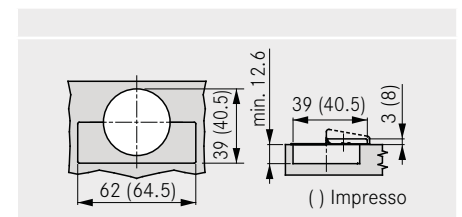
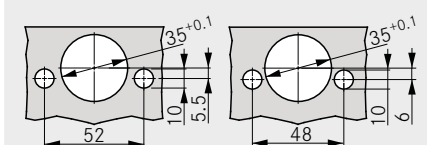
DRILLING PATTERNS 48/6

CUP DIMENSIONS

For screw fixing



Combination drilling pattern for Impresso

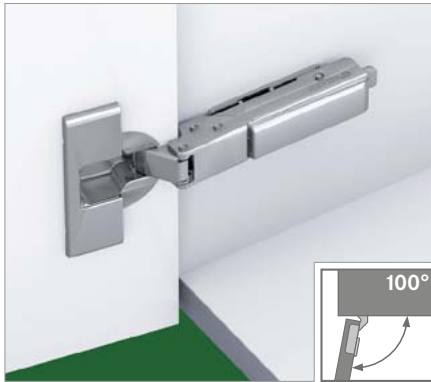


Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358

# TIOMOS 100

## 100° refrigeration hinge



- Hinge for refrigerator doors (sliding system)
- 100° opening angle
- Flat hinge arm
- With self-closing mechanism (with spring)
- 3-dimensional adjustment with appropriate mounting plate

### Available in 1 version:

- Without integrated damper

### ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

Door overlay	Cranking	Damper		without spring	Item No.		
		with	without		Click-on For screw fixing	Click-on For press fitting	
Overlay <sup>1</sup>	3	-	■	-	<b>F045 139071</b>	<b>F045 139052</b>	

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

### COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	On request	<b>F072 135500</b>
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	0/3/9.5/19	GRASS logo	<b>F072 135550</b>
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	0/3/9.5/19	GRASS logo	<b>F072 135551</b>
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0/3	On request	<b>F072 135504</b>
	Hinge cup cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	-	<b>F072 135503</b>

### ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			
	Unclipping protector	<b>F072 135807</b>			

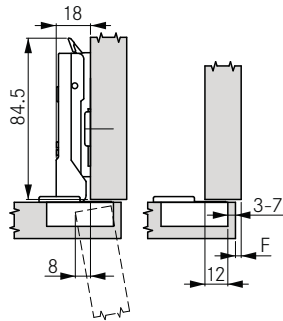
Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358

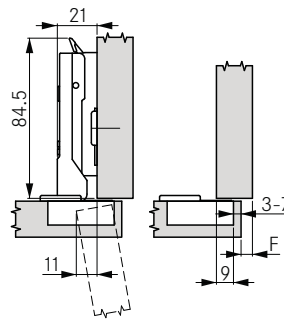

INSTALLATION INFORMATION

All dimensions in millimetres

overlay



Mounting plate height 0



Mounting plate height 3

Door overlay	Cup distance					
	3	4	5	6	7	
21.0					-2	
20.0				-2		
19.0			-2			
18.0		-2		0		
17.0			0			
16.5	-2					
16.0		0		2	3	
15.5					3.5	
15.0	0		2	3		
14.5				3.5		
14.0		2	3			
13.5			3.5			
13.0	2	3				
12.5		3.5				
12.0	3					
11.5	3.5					
	Mounting plate height					

MINIMUM GAP

Door thickness	Cup distance					
	3	4	5	6	7	
26.0	1.0	1.0	1.0	1.2	2.2	
24.0	1.0	1.0	1.0	1.0	1.8	
22.0	1.0	1.0	1.0	1.0	1.1	
20.0	1.0	1.0	1.0	1.0	1.0	
18.0	1.0	1.0	1.0	1.0	1.0	
16.0	1.0	1.0	1.0	1.0	1.0	
	Minimum gap					

MINIMUM REVEAL

Door thickness	Cup distance					
	3	4	5	6	7	
26.0	7.2	6.2	5.2	4.2	3.5	
24.0	4.8	3.8	2.8	2.3	2.2	
22.0	1.9	1.6	1.5	1.4	1.3	
20.0	0.9	0.9	0.9	0.8	0.8	
18.0	0.4	0.4	0.4	0.5	0.5	
16.0	0.3	0.3	0.3	0.3	0.3	
	Minimum reveal (F)					

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

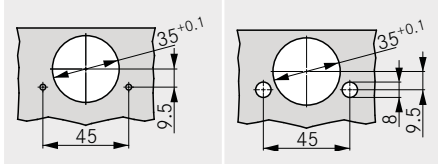
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

Hinge dimensions and reveal calculation with factory setting.

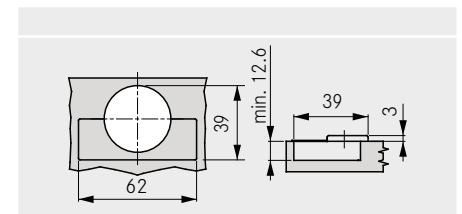
For door thicknesses of 24 mm and above, a trial fitting is recommended.

DRILLING PATTERNS 45/9.5

For screw fixing



CUP DIMENSIONS



# TIOMOS 100

100° refrigerator hinge

## ORDER INFORMATION FOR DRILLING PATTERN 48/9

Door overlay		Damper			Item No.	
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting
Overlay <sup>1</sup>		-	■	-	<b>F045 139072</b>	<b>F045 139053</b>

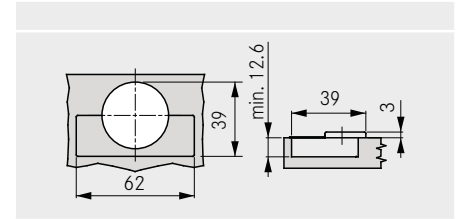
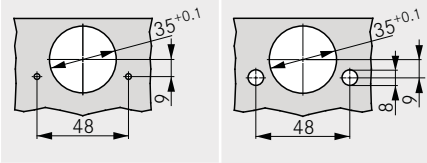
<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

## DRILLING PATTERNS 48/9

## CUP DIMENSIONS

For screw fixing

For press fitting



## ORDER INFORMATION FOR DRILLING PATTERN 42/11

Door overlay		Damper			Item No.	
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting
Overlay <sup>1</sup>		-	■	-	<b>F045 139073</b>	<b>F045 139054</b>

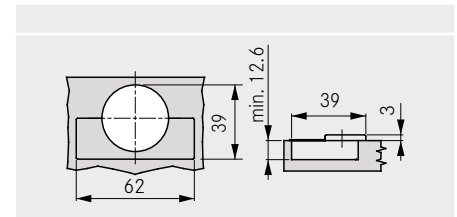
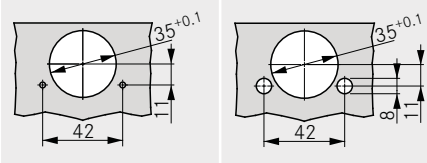
<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

## DRILLING PATTERNS 42/11

## CUP DIMENSIONS

For screw fixing

For press fitting




Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358

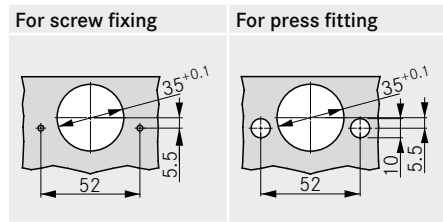


ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

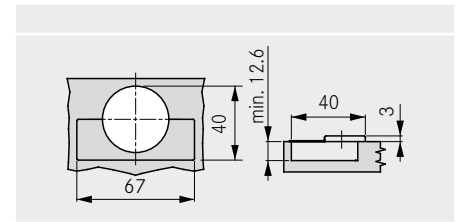
Door overlay		Damper			Item No.	
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting
Overlay <sup>1</sup>		-	■	-	<b>F045 139074</b>	<b>F045 139055</b>

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated


DRILLING PATTERNS 52/5.5



CUP DIMENSIONS

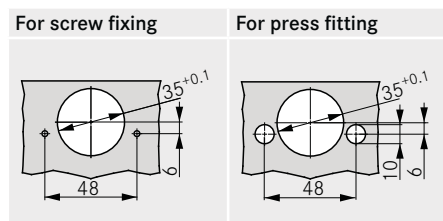


ORDER INFORMATION FOR DRILLING PATTERN 48/6

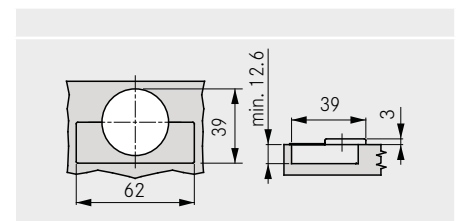
Door overlay		Damper			Item No.	
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting
Overlay <sup>1</sup>		-	■	-	<b>F045 139075</b>	<b>F045 139056</b>

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 48/6



CUP DIMENSIONS



Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358

# TIOMOS PCC

## Pie-cut corner hinge



- For connecting two corner cabinet doors
- For door thicknesses up to max. 24 mm (factory setting for 19 mm door thickness for a cup distance of 3.5 mm)
- 35 mm full cup drill hole
- Shallow cup depth of 11.8 mm
- 3-dimensional adjustment with appropriate mounting plate
- Without integrated damper

### Available in 1 version:

- Without integrated damper

### ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

Door overlay		Damper		without spring	Item No.		
		with	without		Click-on For screw fixing	Click-on For press fitting	
1		-	■	-	<b>F045 1385 17</b>	<b>F045 1385 18</b>	

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

### COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	On request	<b>F072 135500</b>
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	0/3/9.5/19	GRASS logo	<b>F072 135550</b>
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint			<b>F072 135551</b>
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	0/3/9.5/19	On request	<b>F072 140504</b>
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0/3	On request	<b>F072 135504</b>
	Hinge cup cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	-	<b>F072 135503</b>

### ACCESSORIES

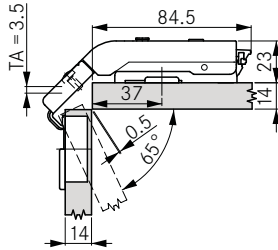
	Designation	Item No.		Designation	Item No.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			
	Unclipping protector	<b>F072 135807</b>			

Tiomos mounting plates	102
Accessories	112

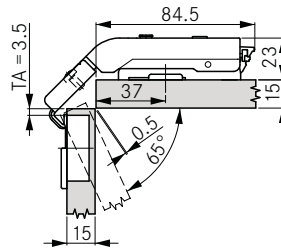
Technical information	116
Assembly aids	358


INSTALLATION INFORMATION

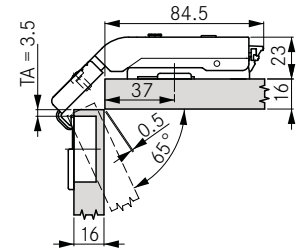
All dimensions in millimetres



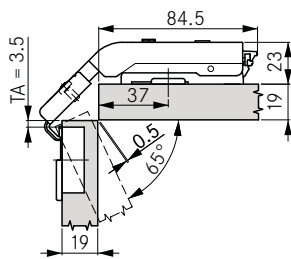
Door thickness (TS) 14 mm  
Cup distance (TA) 3.5 mm  
Mounting plate height 0



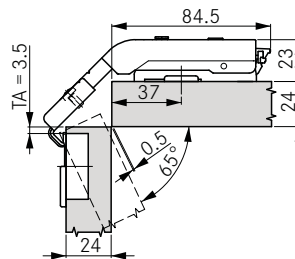
Door thickness (TS) 15 mm  
Cup distance (TA) 3.5 mm  
Mounting plate height 0



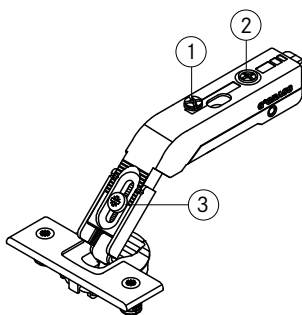
Door thickness (TS) 16 mm  
Cup distance (TA) 3.5 mm  
Mounting plate height 0



Door thickness (TS) 19 mm (factory setting)  
Cup distance (TA) 3.5 mm  
Mounting plate height 0



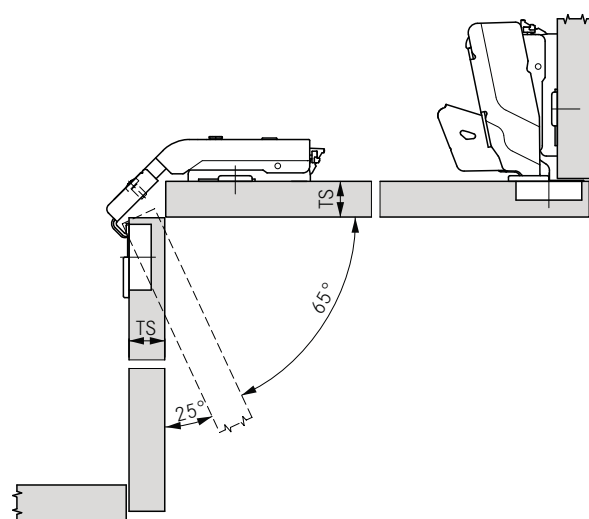
Door thickness (TS) 24 mm  
Cup distance (TA) 3.5 mm  
Mounting plate height 0



**Adjustment in the hinge arm:**

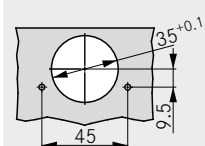
1. Stepless side adjustment  $\pm 2$  mm
2. Stepless depth adjustment via worm gear  $+ 3/-2$  mm
3. Door thickness 14 - 24 mm (factory setting 19 mm)

**Height adjustment via mounting plate**

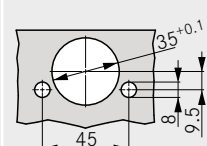


DRILLING PATTERNS 45/9.5

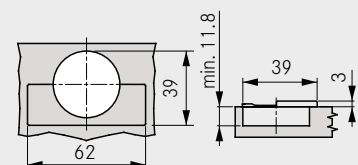
For screw fixing



For press fitting



CUP DIMENSIONS



Tiemos

Nexis

Special hinges


Single-joint hinges

Cabinet making accessories

# TIOMOS PCC

Pie-cut corner hinge

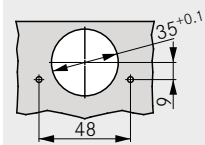
## ORDER INFORMATION FOR DRILLING PATTERN 48/9

		Damper			Item No.	
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting
		-	■	-	<b>F045 138091</b>	<b>F045 138092</b>

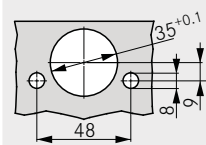
Cup material: Zamak, nickel-plated / Arm material: Zamak, nickel-plated

## DRILLING PATTERNS 48/9

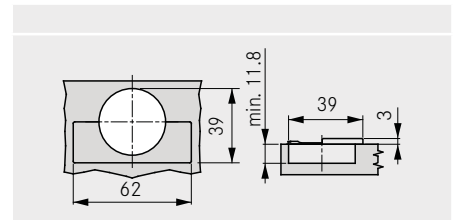
For screw fixing




For press fitting



## CUP DIMENSIONS



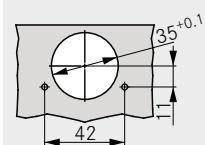
## ORDER INFORMATION FOR DRILLING PATTERN 42/11

		Damper			Item No.	
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting
		-	■	-	<b>F045 138335</b>	<b>F045 138336</b>

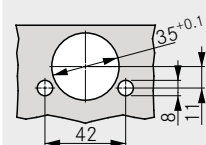
Cup material: Zamak, nickel-plated / Arm material: Zamak, nickel-plated

## DRILLING PATTERNS 42/11

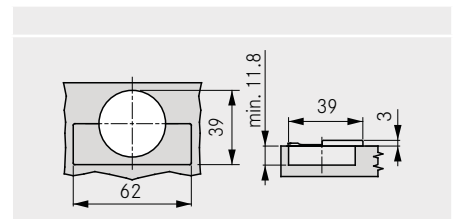
For screw fixing



For press fitting




## CUP DIMENSIONS



Tiomos mounting plates	102
Accessories	112

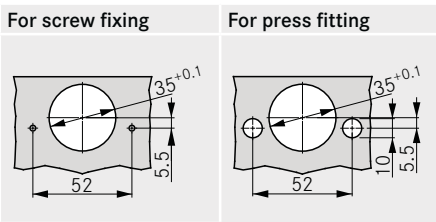
Technical information	116
Assembly aids	358

ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

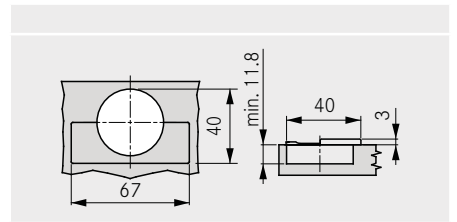
		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	
		-	■	-	F045 138699	F045 138700	

Cup material: Zamak, nickel-plated / Arm material: Zamak, nickel-plated


DRILLING PATTERNS 52/5.5



CUP DIMENSIONS

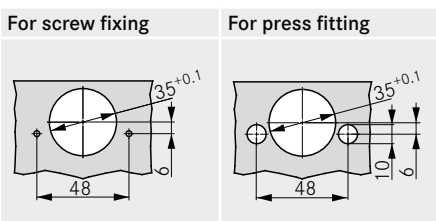


ORDER INFORMATION FOR DRILLING PATTERN 48/6

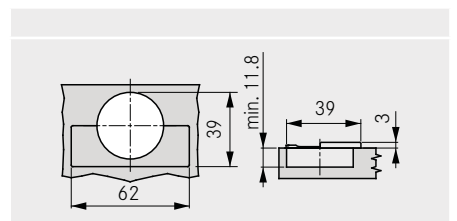
		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	
		-	■	-	F045 138881	F045 138882	

Cup material: Zamak, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 48/6



CUP DIMENSIONS



Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358

# TIOMOS 95 MINI

95° mini-hinge



- Suitable for small doors and doors with narrow frames
- 95° opening angle
- Convenient depth adjustment via worm gear
- Flat hinge arm
- 3-dimensional adjustment with appropriate mounting plate

#### Available in 2 versions:

- Without integrated damper
- Without self-closing mechanism (without spring)

## ORDER INFORMATION

Door overlay	Cranking	Damper		without spring	Click-on For screw fixing	Item No.	
		with	without				
overlay <sup>1</sup>	3	-	■	-	<b>F045 139063</b>		
		-	■	■	<b>F045 139064</b>		

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

## COVER CAPS

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	<b>F072 135500</b>
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	GRASS logo	<b>F072 135550</b>
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint		<b>F072 135551</b>
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	<b>F072 140504</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			
	Unclipping protector	<b>F072 135807</b>			

Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358


INSTALLATION INFORMATION

All dimensions in millimetres

overlay

Mounting plate height 2

Door overlay	Cup distance				
	3	4	5	6	
18.0				0	
17.0			0		
16.5					
16.0		0		2	
15.5					
15.0	0		2	3	
14.5				3.5	
14.0		2	3		
13.5			3.5		
13.0	2	3			
12.5		3.5			
12.0	3				
11.5	3.5				
	Mounting plate height				

MINIMUM GAP

Door thickness	Cup distance				
	3	4	5	6	
22.0	1.0	1.0	1.0	1.0	
20.0	1.0	1.0	1.0	1.0	
18.0	1.0	1.0	1.0	1.0	
16.0	1.0	1.0	1.0	1.0	
	Minimum gap				

MINIMUM REVEAL

Door thickness	Cup distance				
	3	4	5	6	
22.0	5.2	4.6	4.1	3.7	
20.0	3.4	2.9	2.5	2.3	
18.0	1.7	1.6	1.5	1.5	
16.0	1.0	1.0	1.0	1.0	
	Minimum reveal (F)				

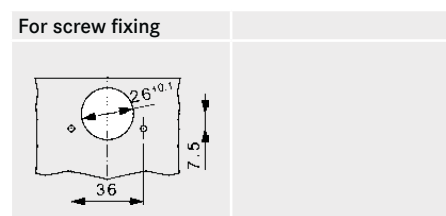
NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

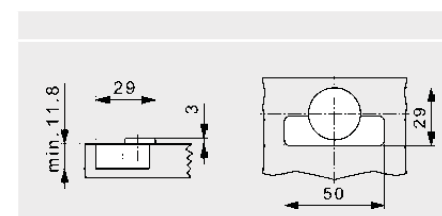
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

Hinge dimensions and reveal calculation with factory setting.

DRILLING PATTERNS



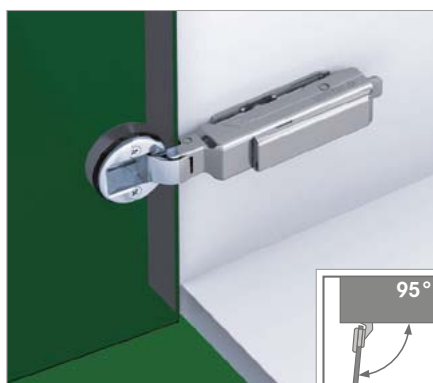
CUP DIMENSIONS





# TIOMOS 95 GL MINI

95° glass door hinge



- Glass door hinge, 26 mm cup
- For glass thicknesses from 4 to 6 mm
- 95° opening angle
- Convenient depth adjustment via worm gear
- Flat hinge arm
- 3-dimensional adjustment with appropriate mounting plate

#### Available in 1 version:

- Without integrated damper

## ORDER INFORMATION

Door overlay	Cranking	Damper		without spring	Click-on For screw fixing	Item No.	
		with	without				
overlay <sup>1</sup>	3	-	■	-	<b>F045 138079</b>		

<sup>1</sup> Cup material: plastic, black/Arm material: Zamak, nickel-plated

## COVER CAPS

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	<b>F072 135500</b>
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	GRASS logo	<b>F072 135550</b>
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint		<b>F072 135551</b>
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	<b>F072 140504</b>

## DECORATIVE COVER CAPS

	Designation	Item No.
	Nickel velour	<b>F069073420</b>
	Nickel polished, eroded	<b>F069073421</b>
	Brass polished, eroded	<b>F069073422</b>
	Silver RAL 9006	<b>F069073410</b>
	Black	<b>F069073424</b>

	Designation	Item No.
	Nickel velour	<b>F069073425</b>
	Nickel polished, eroded	<b>F069073414</b>
	Brass polished, eroded	<b>F069073427</b>
	Silver RAL 9006	<b>F069073417</b>
	Black	<b>F069073428</b>
	Chrome finish	<b>F069073419</b>

## ACCESSORIES

	Designation	Item No.
	Unclipping protector	<b>F072 135807</b>

	Designation	Item No.

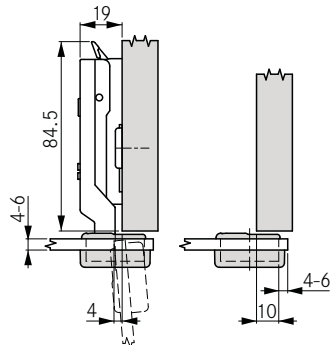
Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358


INSTALLATION INFORMATION

All dimensions in millimetres

overlay



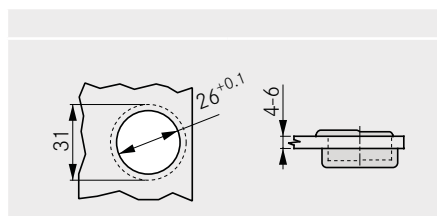
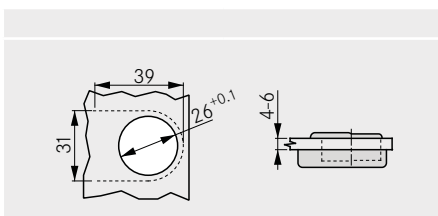
Mounting plate height 2

	Cup distance					
	4	5	6			
18.0			0			
17.0		0				
16.5						
16.0	0		2			
15.5						
15.0		2	3			
14.5			3.5			
14.0	2	3				
13.5		3.5				
13.0	3					
12.5	3.5					
12.0						
11.5						
	Mounting plate height					

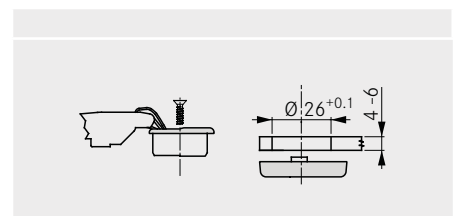
NOTES

Hinge dimensions and reveal calculation with factory setting.

DRILLING PATTERNS

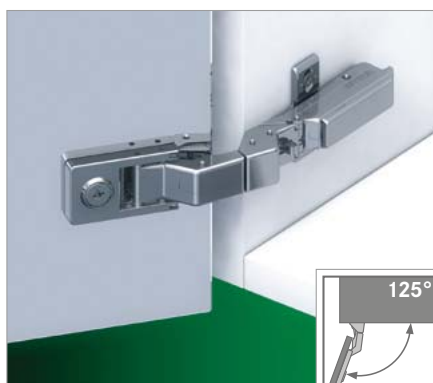


CUP DIMENSIONS



# TIOMOS MIRRO

125° mirror hinge



- 125° opening angle
- with integrated damper
- Fastening through door-side gluing of a stainless steel adapter
- Connection of the hinge to the adapter using a cam
- Quick final assembly without glass drilling
- 3-dimensional adjustment with appropriate mounting plate
- High overlay up to 19 mm

### Available in 3 versions:

- With integrated damper (3 adjustable damping levels)
- Without integrated damper
- Without self-closing mechanism (without spring)

## ORDER INFORMATION

Door overlay	Cranking	Damper		without spring	Click-on For screw fixing	Item No.	
		with	without				
	14	■	-	-	<b>F029 140325</b>		
		-	■	-	<b>F047 140326</b>		
		-	■	■	<b>F049 140327</b>		

Cup material: Zamak, nickel-plated/arm material: Zamak, nickel-plated

## COVER CAPS

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	<b>F072 135500</b>
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	GRASS logo	<b>F072 135550</b>
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint		<b>F072 135551</b>
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	<b>F072 140504</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Tipmatic pin for wooden and aluminium frame doors	<b>F069 135396</b>		+5° wedge	<b>F072 135757</b>
	90° opening angle reduction clip	<b>F072 135871</b>		-5° wedge	<b>F072 135758</b>
	Stainless steel adapter Tiomos Mirro for mirrors	<b>F069073731</b>			

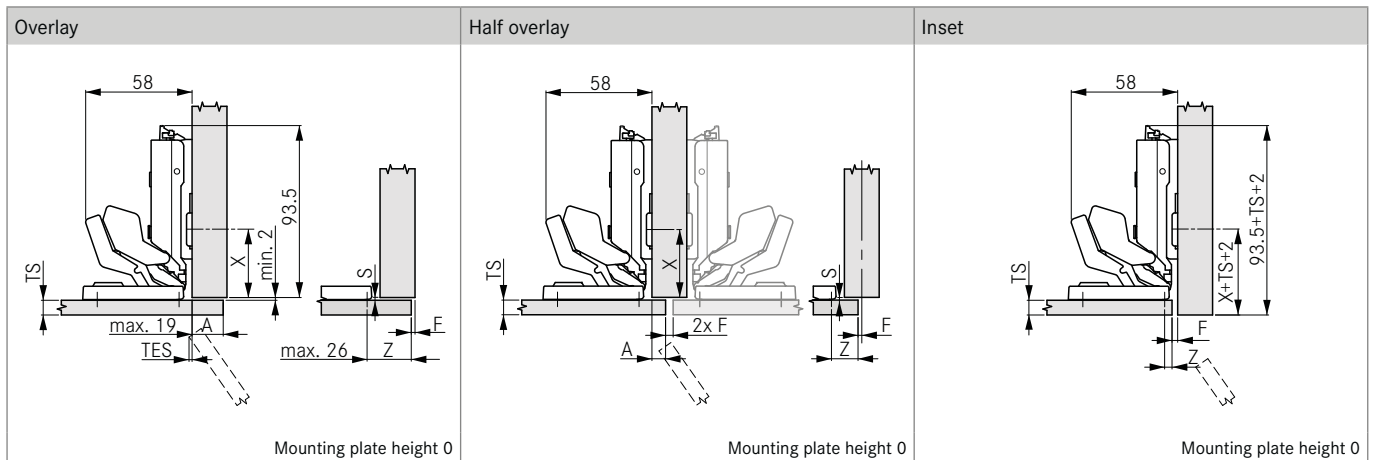
Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

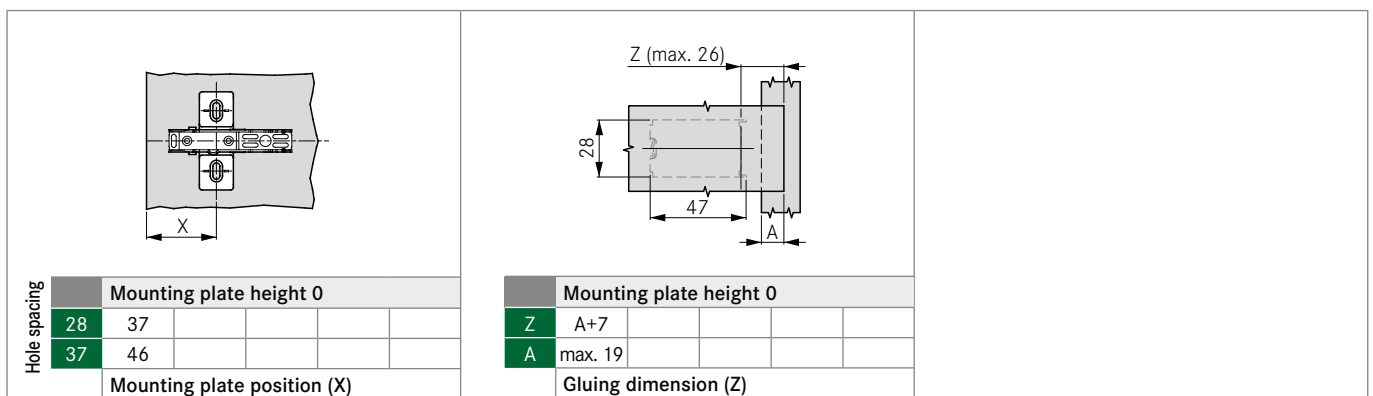


MINIMUM GAP/MINIMUM REVEAL

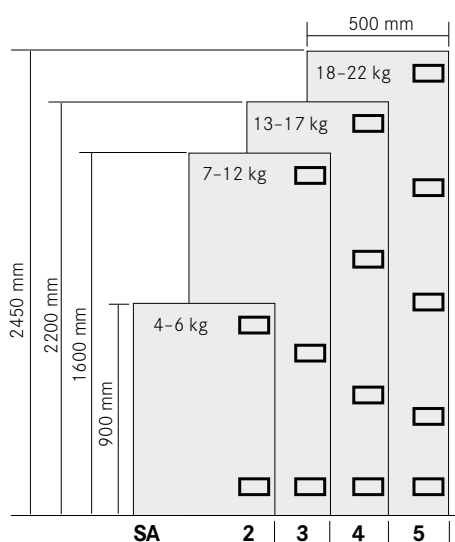
values for 0 mounting plate height

Gluing dimension (Z)	4	5	13	15	17	19	21	22	24	26
Door protrusion (TES)	0	0	0	0	0	0	0	0.5	1.5	3
Door overlay (A)	-3	-2	6	8	10	12	14	15	17	19
min. reveal (F)/gap (S)	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S
Door thickness 3-8 (TS)	2	2	2	2	2	2	2	2	2	2

ECO CROSS-MOUNTING PLATE STAINLESS STEEL ADAPTER



NUMBER OF HINGES



NOTES

Inserting of the door is achieved via a modified mounting plate attachment spacing (X) and a small gluing gap (Z).

ⓘ **Attention:** With mirror or glass doors, all reveals must be at least 1.5 mm (otherwise there is a risk of breakage).

The inner door edge must not touch the rack upon opening.

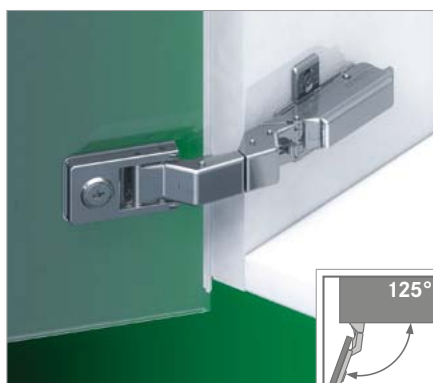
ⓘ **Installation advice:** Please contact your glass or door supplier in respect of glue selection and how to use the glue for fastening of the hinge retainer on mirror or glass doors.

ⓘ **Liability claims:** GRASS cannot accept any liability either for the glue used or the gluing process nor can it accept any responsibility for claims arising therefrom; we kindly ask for your understanding in this respect.

ⓘ **Attention:** Mirro hinges must not be used with cam mounting plates.

# TIOMOS MIRRO

## 125° mirror/clear glass hinge



- 125° opening angle
- with integrated damper
- Fastening through door-side gluing of a Zamak adapter
- Connection of the hinge to the adapter using a cam
- Quick final assembly without glass drilling
- 3-dimensional adjustment with appropriate mounting plate
- High overlay up to 19 mm

### Available in 3 versions:

- With integrated damper (3 adjustable damping levels)
- Without integrated damper
- Without self-closing mechanism (without spring)

## ORDER INFORMATION

Door overlay	Cranking	Damper		without spring	Click-on For screw fixing	Item No.	
		with	without				
	14	■	-	-	<b>F029140325</b>		
		-	■	-	<b>F047140326</b>		
		-	■	■	<b>F049140327</b>		

Cup material: Zamak, nickel-plated/arm material: Zamak, nickel-plated

## COVER CAPS

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	<b>F072135500</b>
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	GRASS logo	<b>F072135550</b>
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint		<b>F072135551</b>
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	<b>F072140504</b>

## ACCESSORIES

	Designation	Item No.
	Tipmatic pin for wooden and aluminium frame doors	<b>F069135396</b>
	90° opening angle reduction clip	<b>F072135871</b>
	Zamak adapter, Tiomos Mirro for mirrors and clear glass	<b>F072135868</b>

	Designation	Item No.
	+5° wedge	<b>F072135757</b>
	-5° wedge	<b>F072135758</b>

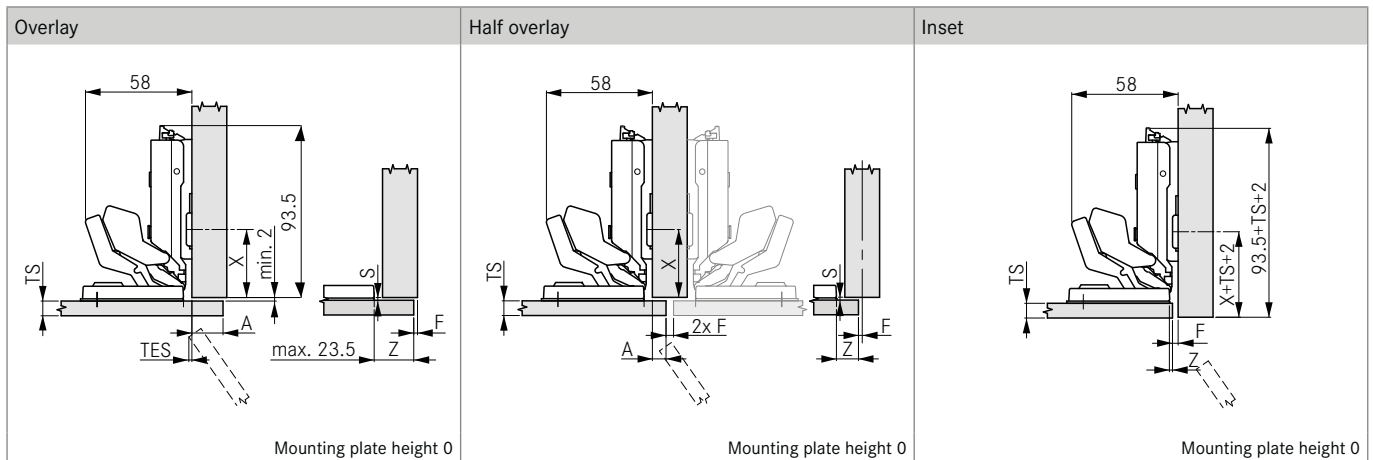
Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

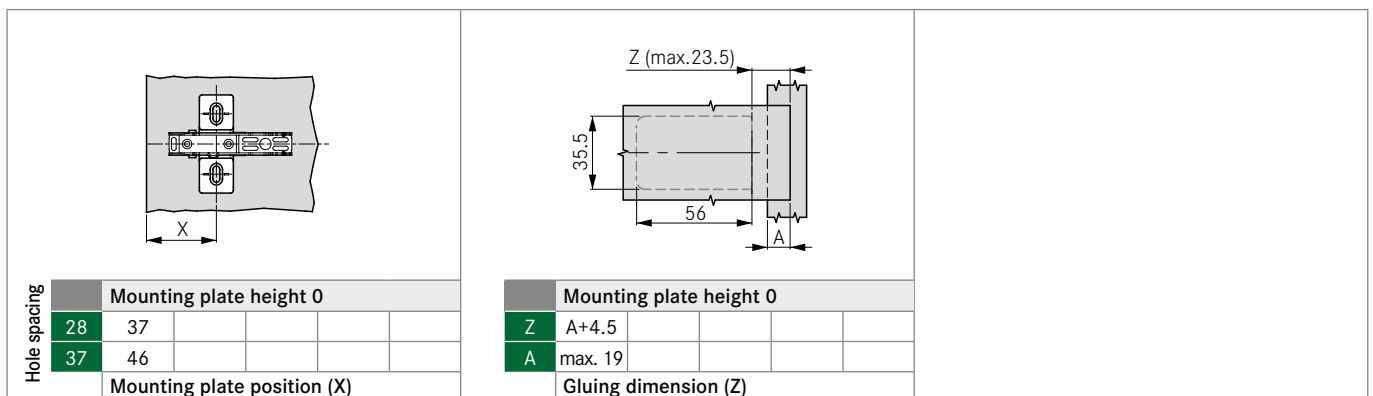


MINIMUM GAP/MINIMUM REVEAL

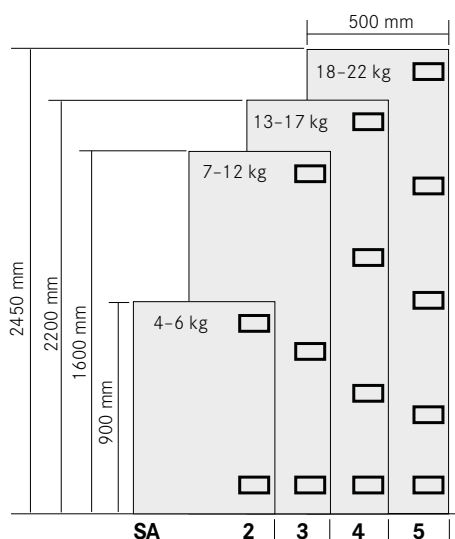
values for 0 mounting plate height

Gluing dimension (Z)	1.5	2.5	10.5	12.5	14.5	16.5	18.5	19.5	21.5	23.5
Door protrusion (TES)	0	0	0	0	0	0	0	0.5	1.5	3
Door overlay (A)	-3	-2	6	8	10	12	14	15	17	19
min. reveal (F)/gap (S)	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S
Door thickness 3-8 (TS)	2	2	2	2	2	2	2	2	2	2

ECO CROSS-MOUNTING PLATE ZAMAK ADAPTER



NUMBER OF HINGES



NOTES

Insetting of the door is achieved via a modified mounting plate attachment spacing (X) and a small gluing gap (Z).

① **Attention:** With mirror or glass doors, all reveals must be at least 1.5 mm (otherwise there is a risk of breakage).

The inner door edge must not touch the rack upon opening.

① **Installation advice:** Please contact your glass or door supplier in respect of glue selection and how to use the glue for fastening of the hinge retainer on mirror or glass doors.

① **Liability claims:** GRASS cannot accept any liability either for the glue used or the gluing process nor can it accept any responsibility for claims arising therefrom; we kindly ask for your understanding in this respect.

① **Attention:** Mirro hinges must not be used with cam mounting plates.




# TIOMOS MIRRO

## 125° mirror/clear glass hinge




### INSTALLATION INFORMATION

All dimensions in millimetres

#### Angle applications

+5° WEDGE surface-mounted			+5° WEDGE inset			+10° WEDGE surface-mounted		
<b>Adapter</b>	<b>Z</b>		<b>Adapter</b>	<b>Z</b>		<b>Adapter</b>	<b>Z</b>	
Stainless steel	22.5	min. 20	Stainless steel	3	min. 20	Stainless steel	21.5	min. 25
Zamak	20		Zamak	0.5		Zamak	19	
	<b>Height</b>	<b>Item No.</b>		<b>Height</b>	<b>Item No.</b>		<b>Height</b>	<b>Item No.</b>
ECO cross-mounting plate	0	<b>F058139721</b>	ECO cross-mounting plate	0	<b>F058139721</b>	ECO cross-mounting plate	0	<b>F058139721</b>
+5° wedge	3	<b>F072135757</b>	+5° wedge	3	<b>F072135757</b>	+5° wedge (2x)	3	<b>F072135757</b>

#### Angle applications

+10° WEDGE inset			+15° WEDGE surface-mounted			+15° WEDGE inset		
<b>Adapter</b>	<b>Z</b>		<b>Adapter</b>	<b>Z</b>		<b>Adapter</b>	<b>Z</b>	
Stainless steel	3	min. 25	Stainless steel	22.5	min. 30	Stainless steel	2.5	min. 30
Zamak	0.5		Zamak	20		Zamak	0	
	<b>Height</b>	<b>Item No.</b>		<b>Height</b>	<b>Item No.</b>		<b>Height</b>	<b>Item No.</b>
ECO cross-mounting plate	0	<b>F058139721</b>	ECO cross-mounting plate	2	<b>F058139722</b>	ECO cross-mounting plate	3.5	<b>F058139724</b>
+5° wedge (2x)	3	<b>F072135757</b>	+5° wedge (3x)	3	<b>F072135757</b>	+5° wedge (3x)	3	<b>F072135757</b>

Tiomos mounting plates	102
Accessories	112




Tipmatic	302
Technical information	116

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

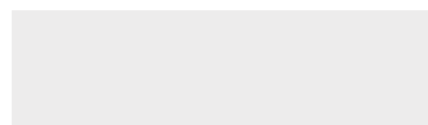
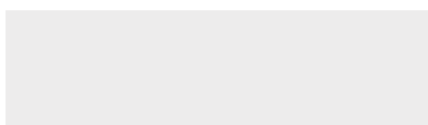
Angle applications								
-5° WEDGE surface-mounted			-5° WEDGE inset			-10° WEDGE inset		
<b>Adapter</b>	<b>Z</b>	 min. 20	<b>Adapter</b>	<b>Z</b>	 min. 20	<b>Adapter</b>	<b>Z</b>	 min. 25
Stainless steel	22.5		Stainless steel	14		Stainless steel	23.5	
Zamak	20		Zamak	11.5		Zamak	21	
	<b>Height</b>	<b>Item No.</b>		<b>Height</b>	<b>Item No.</b>		<b>Height</b>	<b>Item No.</b>
ECO cross-mounting plate	0	<b>F058 139721</b>	ECO cross-mounting plate	0	<b>F058 139721</b>	ECO cross-mounting plate	0	<b>F058 139721</b>
-5° wedge	3	<b>F072 135758</b>	-5° wedge	3	<b>F072 135758</b>	-5° wedge (2x)	3	<b>F072 135758</b>

NOTE

Trial fitting is recommended for all door thicknesses.

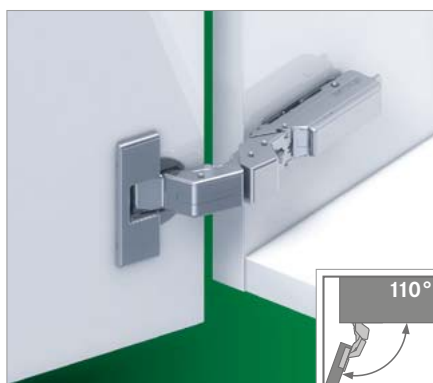
LEGEND

Z	Gluing position
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# TIOMOS M9

110° hinge (door thicknesses from 12 mm)



- For door thicknesses up to max. 28 mm
- 35 mm full cup drilled hole
- Low cup depth of 9 mm
- 3-dimensional adjustment with appropriate mounting plate
- For door overlays up to 25 mm

#### Available in 3 versions:

- With integrated damper (3 adjustable damping levels)
- Without integrated damper
- Without self-closing mechanism (without spring)

## ORDER INFORMATION FOR DRILLING TEMPLATE 45/9.5

Door overlay	Cranking	Damper		without spring	Click-on For screw fixing	Item No.	
		with	without				
	14	■	-	-	<b>F029140338</b>		
		-	■	-	<b>F047140339</b>		
		-	■	■	<b>F049140340</b>		

Cup material: Zamak, nickel-plated/arm material: Zamak, nickel-plated

## COVER CAPS

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	<b>F072135500</b>
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	GRASS logo	<b>F072135550</b>
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint		<b>F072135551</b>
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	<b>F072140504</b>
	Hinge cup cover cap, steel, nickel-plated, not imprinted	-	<b>F072135503</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>		90° opening angle reduction clip	<b>F072135871</b>
	Tipmatic pin for wooden and aluminium frame doors	<b>F069135396</b>			

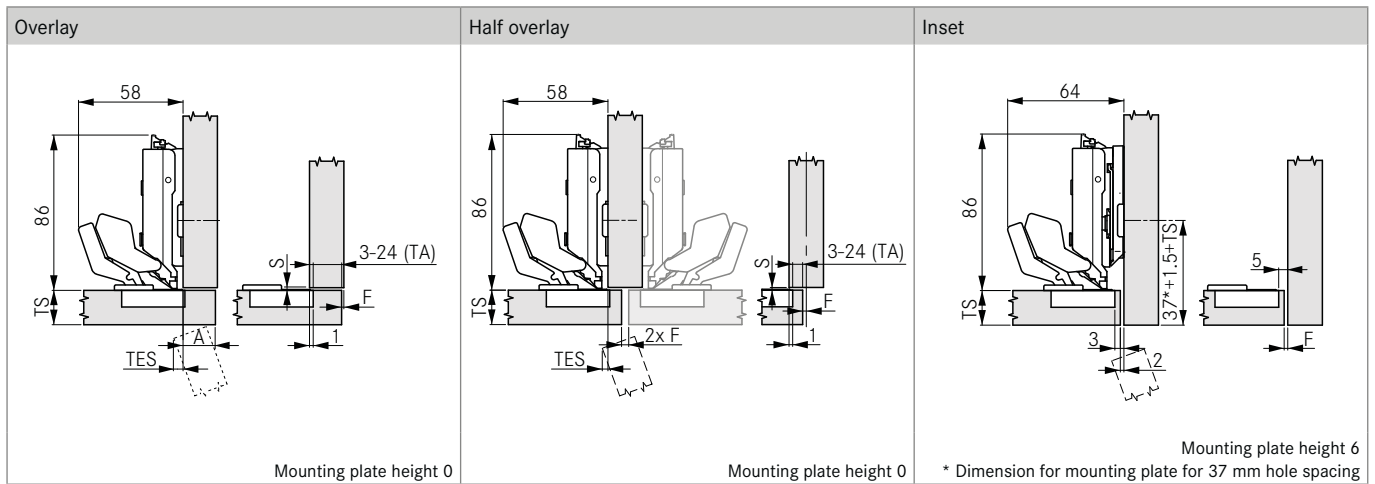
Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres



MINIMUM GAP/MINIMUM REVEAL

values for 0 mounting plate height

Door thickness (TS)	Cup distance (TA)		Door protrusion (TES)		Door overlay (A)		min. reveal (F)/gap (S)	
	F	S	F	S	F	S	F	S
12-20	1	1.5	1	1.5	1	1.5	1	1.5
22	1	1.5	1	1.5	1	1.5	1	1.5
24	1	1.5	1.2	1.5	1.3	1.5	1.5	1.5
26	2.2	1.5	2.4	1.5	2.7	1.5	3.1	1.5
28	3.9	1.5	4.3	1.5	5.1 <sup>1</sup>	1.5	6.3 <sup>1</sup>	1.5

Door thickness (TS)	Cup distance (TA)		Door protrusion (TES)		Door overlay (A)		min. reveal (F)/gap (S)	
	F	S	F	S	F	S	F	S
12-20	1	1.5	1	1.5	1	1.5	1	1.5
22	4	1.5	3.5	1.5	3	1.5	2.2	1.5
24	6	1.5	5.2	1.5	4.5	1.5	4	1.5
26	8	1.5	7.2	1.5	6.4	1.5	5.8	1.5
28	10 <sup>1</sup>	1.5	9.2	1.5	8.4	1.5	7.6	1.5

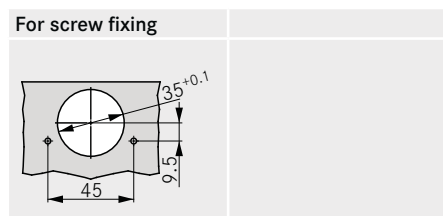
<sup>1</sup> Value achievable by use of a 90° opening angle reduction clip

NOTE

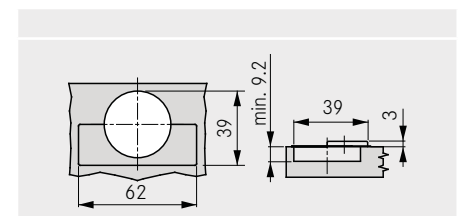
Minimum reveal for doors with chamfered edges (R = 1 mm) set at factory setting.

Trial fitting is recommended for all door thicknesses.

DRILLING TEMPLATE 45/9.5



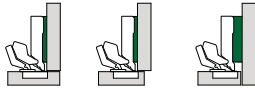
CUP DIMENSIONS



# TIOMOS M9

110° hinge (door thicknesses from 12 mm)

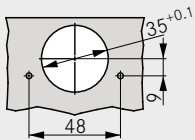
## ORDER INFORMATION FOR DRILLING TEMPLATE 48/9

Door overlay	Cranking	Damper			without spring	Item No.	
		with	without	Click-on For screw fixing			
	14	■	-	-	<b>F029 140334</b>		
		-	■	-	<b>F047 140335</b>		
		-	■	■	<b>F049 140336</b>		

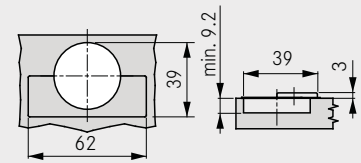
Cup material: Zamak, nickel-plated/arm material: Zamak, nickel-plated

## DRILLING TEMPLATE 48/9

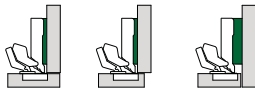
For screw fixing



## CUP DIMENSIONS



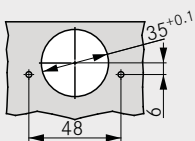
## ORDER INFORMATION FOR DRILLING TEMPLATE 48/6

Door overlay	Cranking	Damper			without spring	Item No.	
		with	without	Click-on For screw fixing			
	14	■	-	-	<b>F029 140341</b>		
		-	■	-	<b>F047 140342</b>		
		-	■	■	<b>F049 140343</b>		

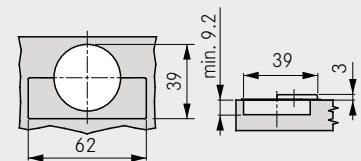
Cup material: Zamak, nickel-plated/arm material: Zamak, nickel-plated

## DRILLING TEMPLATE 48/6

For screw fixing



## CUP DIMENSIONS



Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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# TIOMOS M9

110° hinge (door thicknesses from 12 mm)

## INSTALLATION INFORMATION

All dimensions in millimetres

Mitred application – circumferential and lateral		Max. overlay	
12 - 24 mm			
<p style="text-align: right;">Mounting plate height 3 * Dimension for mounting plate for 37 mm hole spacing</p>		<p style="text-align: right;">Mounting plate height 0 * Dimension for mounting plate for 37 mm hole spacing</p>	
Door thickness (TS)		Mitred application circumferential	Mitred application lateral
		R (min.)	R (min.)
	12-17	0	0
	18	0.2	0
	19	1	0.4
	20	1.5	1
	21	2.2	1.8
22	3	2.5	
24	4.3	4.1	

### NOTE

With circumferential mitred application all sides 1.4 mm reveal.

Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

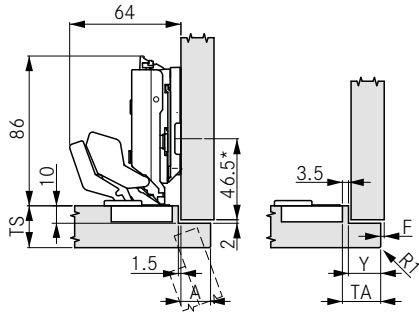
Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Rebated applications

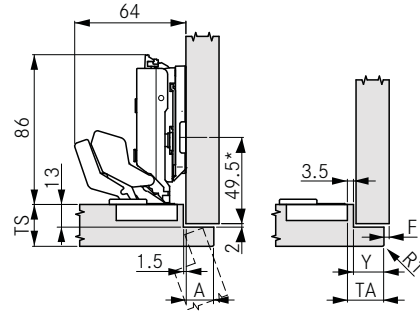
10 mm



Mounting plate height 6  
\* Dimension for mounting plate for 37 mm hole spacing

Rack location	TS (max.)	A (max.)	Y (max.)	TA (max.)	F (min.)
	20	17	18.5	22	1
	28	17	18.5	22	See reveal table
	38	17	18.5	22	

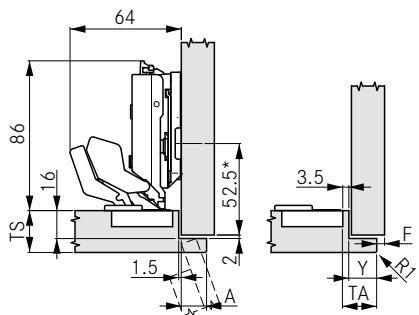
13 mm



Mounting plate height 6  
\* Dimension for mounting plate for 37 mm hole spacing

Rack location	TS (max.)	A (max.)	Y (max.)	TA (max.)	F (min.)
	20	16	17.5	21	1
	28	16	17.5	21	See reveal table
	35	14	15.5	19	

16 mm



Mounting plate height 6  
\* Dimension for mounting plate for 37 mm hole spacing

Rack location	TS (max.)	A (max.)	Y (max.)	TA (max.)	F (min.)
	20	14.5	16	19.5	1
	26	14.5	16	19.5	See reveal table
	32	12.5	14	17.5	

LEGEND

- A Overlay
- F Reveal
- TA Cup distance
- TS Door thickness

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories



# TIOMOS M0

125° hinge (Door thicknesses of 6 to 10 mm)



- For door thicknesses of 6 - 10 mm
- No cup hole necessary
- 3-dimensional adjustment
- For door overlays of up to 25 mm
- Compatible with all mounting plates in the Tiomos range
- Zero protrusion up to 14 mm overlay
- Opening angle 125°

### Available in 3 versions:

- With integrated damper (3 adjustable damping levels)
- Without integrated damper
- Without self-closing mechanism (without spring)

## ORDER INFORMATION

Door overlay	Cranking	Damper		without spring	Click-on For screw fixing	Item No.	
		with	without				
	-	■	-	-	<b>F029140331</b>		
		-	■	-	<b>F047140332</b>		
		-	■	■	<b>F049140333</b>		

## COVER CAPS

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	<b>F072135500</b>
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	GRASS logo	<b>F072135550</b>
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint		<b>F072135551</b>
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	<b>F072140504</b>

## ACCESSORIES

	Designation	Item No.
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>
	90° opening angle reduction clip	<b>F072135871</b>

	Designation	Item No.
	+5° wedge	<b>F072135757</b>
	-5° wedge	<b>F072135758</b>

## FASTENING OPTIONS

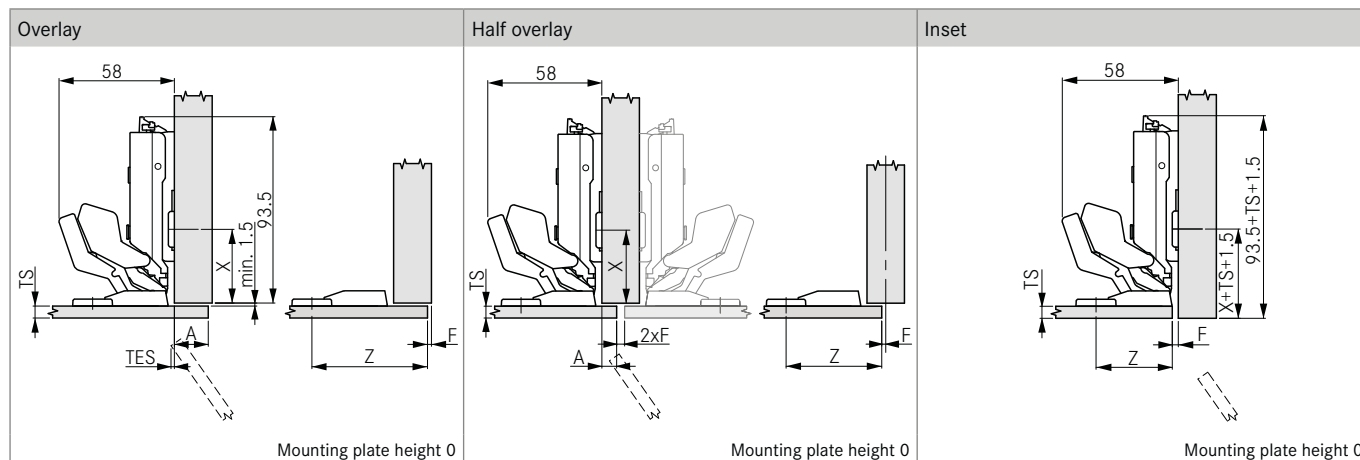
	Designation	Item No.
	Countersunk screw PH2, M5 x 6 mm For a minimum door thickness of 6 mm For aluminium, HPL, mineral composite	<b>F072135923</b>
	Euro cheesehead screw Ø 6.3 x 10.5 For a minimum door thickness of 10 mm, for chipboard, MDF	<b>F072135768</b>
	Countersunk screw M4 x 8 mm, sleeve M4 x 5.5 mm, internal hex key For a minimum door thickness of 8 mm, for chipboard, MDF, mineral composite, HPL	<b>F072135928</b>

		Material thickness		
		6 mm	8 mm	10 mm
Material	Aluminium	<b>F072135923</b>		
	HPL	<b>F072135928</b>		
	Mineral composite			
	Chipboard	-	<b>F072135768</b>	
	MDF			

Tiomos mounting plates	102	Tipmatic	302	Assembly aids	358
Accessories	112	Technical information	116		

INSTALLATION INFORMATION

All dimensions in millimetres



MINIMUM GAP/MINIMUM REVEAL

Values with a mounting plate height 0

Screwing dimension (Z)	38	39	47	49	51	53	55	56	58	60	61	63	64	66
Door protrusion (TES)	0	0	0	0	0	0	0	0.5	1.5	3	3.4	0	0	0
Door overlay (A)	-3	-2	6	8	10	12	14	15	17	19	20	22 <sup>1</sup>	23 <sup>1</sup>	25 <sup>1</sup>
Min. reveal (F)/gap (S)	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S
Door thickness 6-10 (TS)	2	1.5	2	1.5	2	1.5	2	1.5	2	1.5	2	1.5	2	2.5
	2	1.5	2	1.5	2	1.5	2	1.5	2	1.5	2	1.5	2	3
	2	1.5	2	1.5	2	1.5	2	1.5	2	1.5	2	1.5	2	4

<sup>1</sup> Door thickness A = 22 - 25 only with opening angle reduction clip.

CROSS MOUNTING PLATE

LINEAR MOUNTING PLATE

SCREWING POSITION

Hole spacing	Mounting plate height 0			
	28	37		
	37	46		
Mounting plate position (X)				

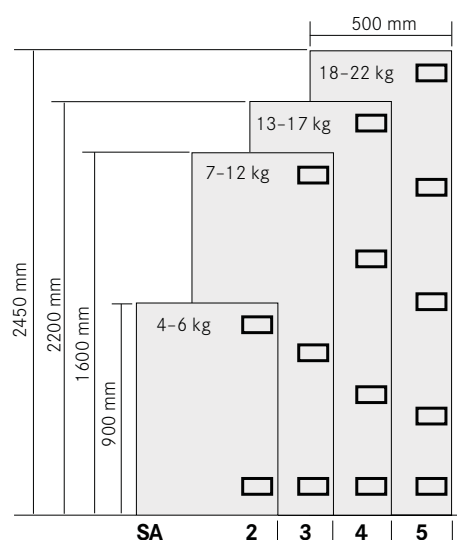
  

X	Mounting plate height 0			
	29			
Mounting plate position (X)				

Z	Mounting plate height 0			
	A+41			
	25 max.			
Screwing dimension (Z)				

NUMBER OF HINGES



NOTES

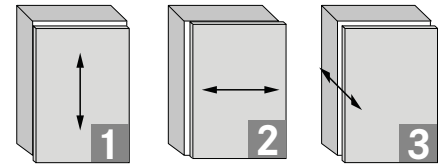
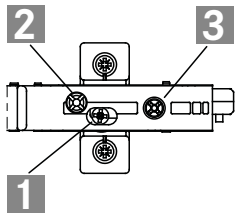
An inset application is achieved with the mounting plate (X) and a low housing screwing distance (Z).

- ① **Installation advice (except for aluminium)**  
**Countersunk screw M5 x 6 mm:**
  1. Drill a Ø 4.8 mm hole
  2. Cut a Ø 5 mm thread
  3. Position the hinge and secure with the screws
- ② **Installation advice**  
**Countersunk screw M4 x 8 mm with sleeve M4 x 5.5 mm:**
  1. Drill a Ø 5 mm hole
  2. Slightly countersink the edge of the hole
  3. Insert the sleeve
  4. Knock in the sleeve with a hammer
  5. Position the hinge and secure with the screws

- ③ **Installation advice**  
**Euro cheesehead screw Ø 6.3 x 10.5 mm:**
  1. Drill a Ø 5 mm hole
  2. Position the hinge and secure with the screws
- ④ **Installation advice:** Depending on the type and thickness of the base material the pull-out resistances can vary with the same fastening method. For information regarding the selection and processing of the base material please contact the base material supplier.
- ⑤ **Liability claims:** Please note that GRASS cannot accept any liability for damage resulting from unsuitable fastening materials or methods.

# TIOMOS

## Mounting plates



(HV) Height adjustment  
+/-2 mm

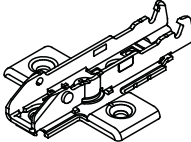
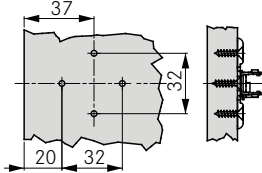
(SV) Side adjustment  
+/-2 mm

(TV) Depth adjustment  
+3/-2 mm

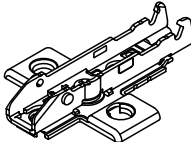
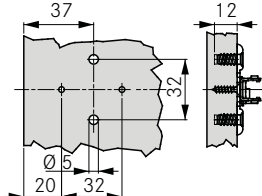
All adjustments can be carried out independently of each other.

### ORDER INFORMATION

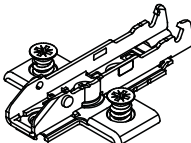
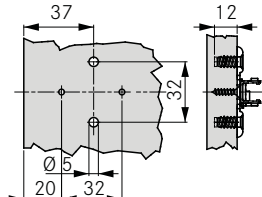
#### 1D CROSS MOUNTING PLATE, 4-POINT FIXING

For screw fixing	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with wood screws Ø 3.5 x 15 mm</li> <li>With convenient height adjustment (HV) via worm gear</li> </ul> 		0	<b>F058139746</b>
		2	<b>F058139747</b>
		3	<b>F058139748</b>
		3.5	<b>F058139749</b>

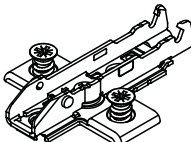
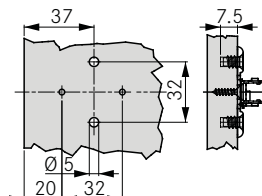
#### 1D CROSS MOUNTING PLATE, 4-POINT FIXING

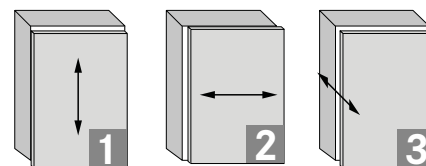
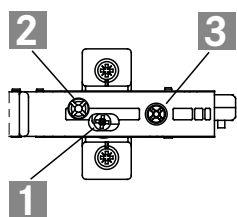
For Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with Euro screws Ø 6.3 mm</li> <li>With convenient height adjustment (HV) via worm gear</li> </ul> 		0	<b>F058139756</b>
		2	<b>F058139757</b>
		3	<b>F058139758</b>
		3.5	<b>F058139759</b>

#### 1D CROSS MOUNTING PLATE, 4-POINT FIXING

With pre-assembled Euro screws (13.5 mm)	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with pre-assembled Euro screws Ø 6.3 x 13.5 mm</li> <li>With convenient height adjustment (HV) via worm gear</li> </ul> 		0	<b>F058139761</b>
		2	<b>F058139762</b>
		3	<b>F058139763</b>
		3.5	<b>F058139764</b>

#### 11D CROSS MOUNTING PLATE, 4-POINT FIXING, FOR TWIN APPLICATION

With pre-assembled Euro screws (10 mm)	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with pre-assembled Euro screws Ø 6.3 x 10 mm</li> <li>With convenient height adjustment (HV) via worm gear</li> <li>For twin application</li> </ul> 		0	<b>F058139863</b>
		2	<b>F058139864</b>
		3	<b>F058139865</b>
		3.5	<b>F058139866</b>



(HV) Height adjustment  
+/-2 mm

(SV) Side adjustment  
+/-2 mm

(TV) Depth adjustment  
+3/-2 mm

All adjustments can be carried out independently of each other.

## ORDER INFORMATION

### 1D CROSS MOUNTING PLATE, 4-POINT FIXING

For press fitting	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with <math>\varnothing</math> 10 mm dowels</li> <li>With convenient height adjustment (HV) via worm gear</li> <li><b>Do not use a hammer for inserting the mounting plate</b></li> </ul>		0	<b>F058139751</b>
		2	<b>F058139752</b>
		3	<b>F058139753</b>
		3.5	<b>F058139754</b>

### QUICK 1D CROSS MOUNTING PLATE, 4-POINT FIXING

Mounting plate (expansion dowel 11 mm)	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with <math>\varnothing</math> 5 mm dowels</li> <li>With convenient height adjustment (HV) via worm gear</li> <li><b>Do not use a hammer for inserting the mounting plate!</b></li> </ul>		0	<b>F058139766</b>
		2	<b>F058139767</b>
		3	<b>F058139768</b>
		3.5	<b>F058139769</b>

Twin mounting plate (expansion dowel 7.5 mm)	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with <math>\varnothing</math> 5 mm dowels</li> <li>With convenient height adjustment (HV) via worm gear</li> <li>Suitable for twin application</li> <li><b>Do not use a hammer for inserting the mounting plate!</b></li> </ul>		0	<b>F058139931</b>
		2	<b>F058139932</b>
		3	<b>F058139933</b>
		3.5	<b>F058139934</b>

Tiomos

Nexis

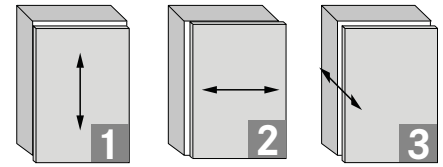
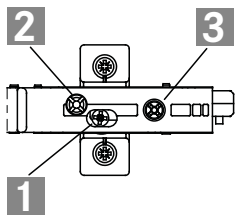
Special hinges

Single-joint hinges

Cabinet making accessories

# TIOMOS

## Mounting plates



(HV) Height adjustment  
+/-2 mm

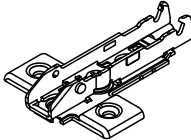
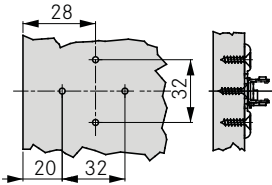
(SV) Side adjustment  
+/-2 mm

(TV) Depth adjustment  
+3/-2 mm

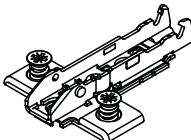
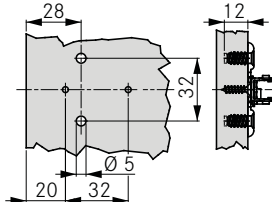
All adjustments can be carried out independently of each other.

### ORDER INFORMATION

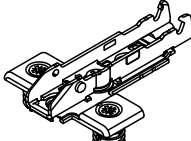
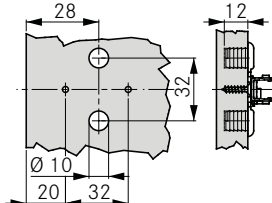
#### 1D CROSS MOUNTING PLATE, 4-POINT FIXING

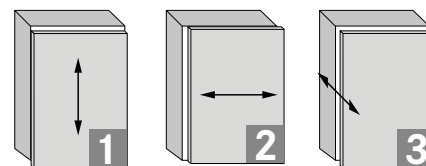
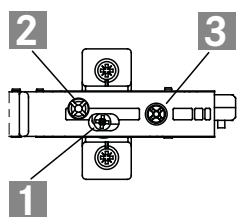
For screw fixing	28/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with wood screws Ø 3.5 x 15 mm</li> <li>With convenient height adjustment (HV) via worm gear</li> </ul> 		0	<b>F058139796</b>
		2	<b>F058139797</b>
		3	<b>F058139798</b>
		3.5	<b>F058139799</b>

#### 1D CROSS MOUNTING PLATE, 4-POINT FIXING

With pre-assembled Euro screws (13.5 mm)	28/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with pre-assembled Euro screws Ø 6.3 x 13.5 mm</li> <li>With convenient height adjustment (HV) via worm gear</li> </ul> 		0	<b>F058139811</b>
		2	<b>F058139812</b>
		3	<b>F058139813</b>
		3.5	<b>F058139814</b>

#### 1D CROSS MOUNTING PLATE, 4-POINT FIXING

For press fitting	28/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with Ø 10 mm dowels</li> <li>With convenient height adjustment (HV) via worm gear</li> <li><b>Do not use a hammer for inserting the mounting plate</b></li> </ul> 		0	<b>F058139801</b>
		2	<b>F058139802</b>
		3	<b>F058139803</b>
		3.5	<b>F058139804</b>



(HV) Height adjustment  
+/-2 mm

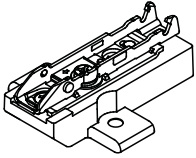
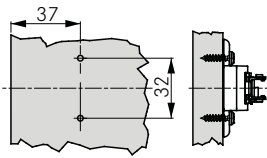
(SV) Side adjustment  
+/-2 mm

(TV) Depth adjustment  
+3/-2 mm

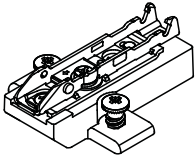
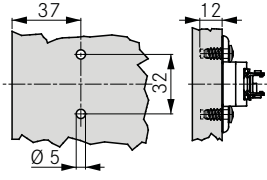
All adjustments can be carried out independently of each other.

## ORDER INFORMATION

### 1D CROSS MOUNTING PLATE, 2-POINT SCREW FIXING

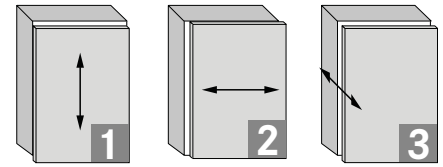
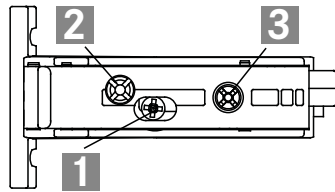
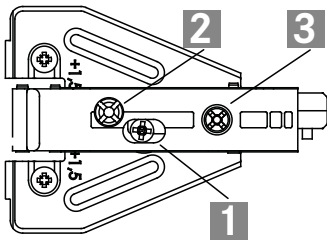
For screw fixing	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Zamak/steel, nickel-plated</li> <li>Fixing with wood screws <math>\varnothing</math> 3.5 x 15 mm</li> <li>With convenient height adjustment (HV) via worm gear</li> </ul> 		6	<b>F058139892</b>
		8	<b>F058139886</b>
		9	<b>F058139887</b>
		9.5	<b>F058139888</b>
		12	<b>F058139893</b>
		14	<b>F058139889</b>
		15	<b>F058139890</b>
		15.5	<b>F058139891</b>
19	<b>F058139894</b>		
21	<b>F058139895</b>		

### 1D CROSS MOUNTING PLATE, 2-POINT FIXING

With pre-assembled Euro screws (13.5 mm)	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Zamak/steel, nickel-plated</li> <li>Fixing with pre-assembled Euro screws <math>\varnothing</math> 6.3 x 13.5 mm</li> <li>With convenient height adjustment (HV) via worm gear</li> </ul> 		6	<b>F058139873</b>
		8	<b>F058139880</b>
		9	<b>F058139881</b>
		9.5	<b>F058139882</b>
		12	<b>F058139874</b>
		14	<b>F058139883</b>
		15	<b>F058139884</b>
		15.5	<b>F058139885</b>
		19	<b>F058139875</b>
		21	<b>F058139896</b>

# TIOMOS

## Mounting plates



(HV) Height adjustment  
+/-2 mm

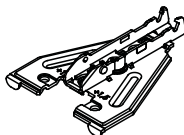
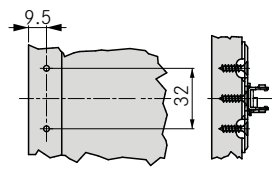
(SV) Side adjustment  
+/-2 mm

(TV) Depth adjustment  
+3/-2 mm

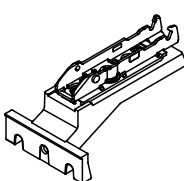
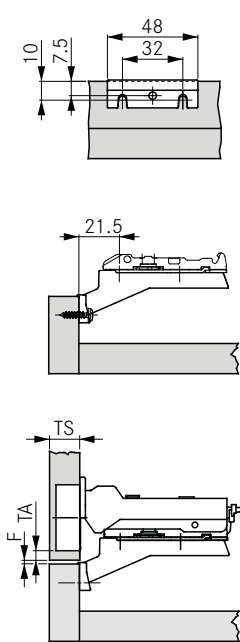
All adjustments can be carried out independently of each other.

### ORDER INFORMATION

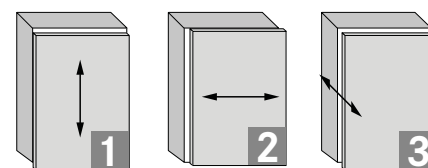
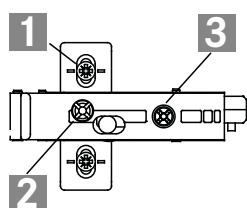
#### 1D DELTA MOUNTING PLATE FOR FRAME CONSTRUCTIONS, 4-POINT FIXING

For screw fixing	9.5/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with wood screws Ø 3.5 x 15 mm</li> <li>With convenient height adjustment (HV) via worm gear</li> </ul> 		1.5	<b>F058139825</b>
		3.5	<b>F058139826</b>
		4.5	<b>F058139827</b>
		5	<b>F058139828</b>

#### INSET BEADED MOUNTING PLATE FOR FRAME CONSTRUCTIONS, 3-POINT FIXING

For screw fixing	10/32	Height	Item No.																																															
<ul style="list-style-type: none"> <li>For inset doors</li> <li>To be used with hinges with cranking 9.5</li> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with pan head wood screws</li> <li>With convenient height adjustment (HV) via worm gear</li> </ul> 		0	<b>F058139831</b>																																															
		<table border="1"> <thead> <tr> <th rowspan="2">Door thickness (TS)</th> <th colspan="4">Cup distance (TA)</th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <td>28.0</td> <td>4.0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>26.0</td> <td>4.0</td> <td>3.0</td> <td></td> <td></td> </tr> <tr> <td>24.0</td> <td>4.0</td> <td>3.0</td> <td>2.0</td> <td></td> </tr> <tr> <td>22.0</td> <td>4.0</td> <td>3.0</td> <td>2.0</td> <td></td> </tr> <tr> <td>20.0</td> <td>4.0</td> <td>3.0</td> <td>2.0</td> <td>1.0</td> </tr> <tr> <td>19.0</td> <td>4.0</td> <td>3.0</td> <td>2.0</td> <td>1.0</td> </tr> <tr> <td>18.0</td> <td>4.0</td> <td>3.0</td> <td>2.0</td> <td>1.0</td> </tr> <tr> <td>16.0</td> <td>4.0</td> <td>3.0</td> <td>2.0</td> <td>1.0</td> </tr> </tbody> </table>	Door thickness (TS)	Cup distance (TA)				3	4	5	6	28.0	4.0				26.0	4.0	3.0			24.0	4.0	3.0	2.0		22.0	4.0	3.0	2.0		20.0	4.0	3.0	2.0	1.0	19.0	4.0	3.0	2.0	1.0	18.0	4.0	3.0	2.0	1.0	16.0	4.0	3.0	2.0
Door thickness (TS)	Cup distance (TA)																																																	
	3	4	5	6																																														
28.0	4.0																																																	
26.0	4.0	3.0																																																
24.0	4.0	3.0	2.0																																															
22.0	4.0	3.0	2.0																																															
20.0	4.0	3.0	2.0	1.0																																														
19.0	4.0	3.0	2.0	1.0																																														
18.0	4.0	3.0	2.0	1.0																																														
16.0	4.0	3.0	2.0	1.0																																														
Minimum reveal (F)																																																		





(HV) Height adjustment  
+/-2.5 mm

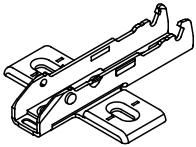
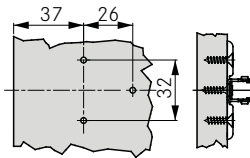
(SV) Side adjustment  
+/-2 mm

(TV) Depth adjustment  
+3/-2 mm

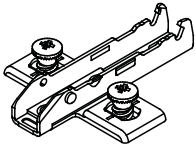
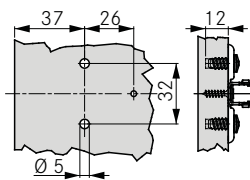
All adjustments can be carried out independently of each other.

## ORDER INFORMATION

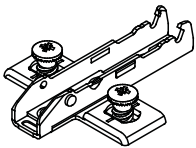
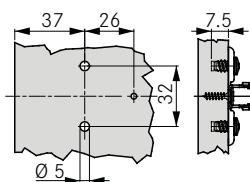
### ECO CROSS MOUNTING PLATE, 3-POINT FIXING

For screw fixing	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with wood screws Ø 3.5 x 15 mm</li> <li>Height adjustment (HV) via slot</li> </ul> 		-2	F058139720
		0	F058139721
		2	F058139722
		3	F058139723
		3.5	F058139724

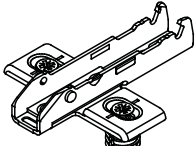
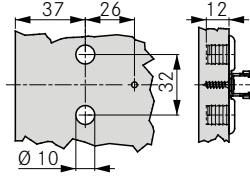
### ECO CROSS MOUNTING PLATE, 3-POINT FIXING

With pre-assembled pan head Euro screws (13.5 mm)	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with pre-assembled pan head Euro screws Ø 6.3 x 13.5 mm</li> <li>Height adjustment (HV) via slot</li> </ul> 		-2	F058139735
		0	F058139736
		2	F058139737
		3	F058139738
		3.5	F058139739

### ECO CROSS MOUNTING PLATE, 3-POINT FIXING, FOR TWIN APPLICATION

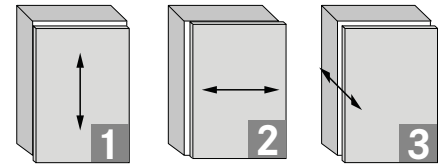
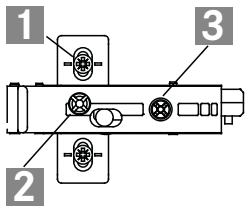
With pre-assembled pan head Euro screws (10.5 mm)	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with pre-assembled pan head Euro screws Ø 6.3 x 10.5 mm</li> <li>Height adjustment (HV) via slot</li> <li>For twin application</li> </ul> 		-2	F058139857
		0	F058139858
		2	F058139859
		3	F058139860
		3.5	F058139861

### ECO CROSS MOUNTING PLATE, 3-POINT FIXING

For press fitting	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with Ø 10 mm dowels</li> <li>Height adjustment (HV) via slot</li> <li>Do not use a hammer for inserting the mounting plate</li> </ul> 		-2	F058139725
		0	F058139726
		2	F058139727
		3	F058139728
		3.5	F058139729

# TIOMOS

## Mounting plates



(HV) Height adjustment  
+/-2.5 mm

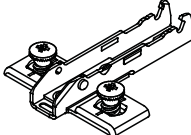
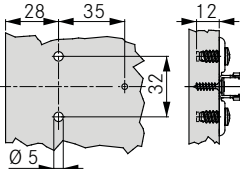
(SV) Side adjustment  
+/-2 mm

(TV) Depth adjustment  
+3/-2 mm

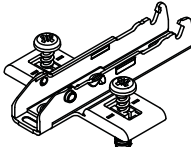
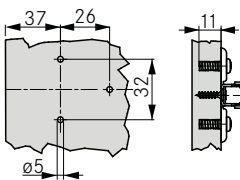
All adjustments can be carried out independently of each other.

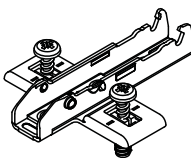
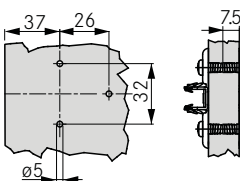
### ORDER INFORMATION

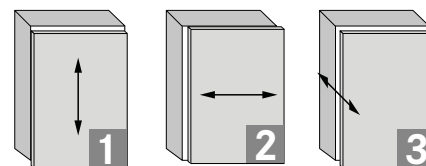
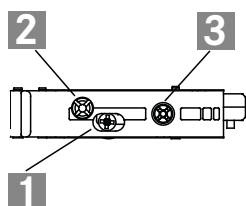
#### ECO CROSS MOUNTING PLATE, 3-POINT FIXING

With pre-assembled pan head Euro screws (13.5 mm)	28/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with pre-assembled pan head Euro screws <math>\varnothing</math> 6.3 x 13.5 mm</li> <li>Height adjustment (HV) via slot</li> </ul> 		-2	<b>F058139785</b>
		0	<b>F058139786</b>
		2	<b>F058139787</b>
		3	<b>F058139788</b>
		3.5	<b>F058139789</b>

#### QUICK ECO CROSS MOUNTING PLATE, 3-POINT FIXING

Mounting plate (expansion dowel 11 mm)	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with <math>\varnothing</math> 5 mm dowels</li> <li>Height adjustment (HV) via slot</li> <li><b>Do not use a hammer for inserting the mounting plate!</b></li> </ul> 		0	<b>F058139741</b>
		2	<b>F058139742</b>
		3	<b>F058139743</b>
		3.5	<b>F058139744</b>

Twin mounting plate (expansion dowel 7.5 mm)	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with <math>\varnothing</math> 5 mm dowels</li> <li>Height adjustment (HV) via slot</li> <li>Suitable for twin application</li> <li><b>Do not use a hammer for inserting the mounting plate!</b></li> </ul> 		0	<b>F058139927</b>
		2	<b>F058139928</b>
		3	<b>F058139929</b>
		3.5	<b>F058139930</b>



(HV) Height adjustment  
+/-2 mm

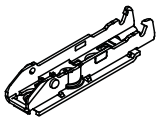
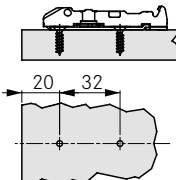
(SV) Side adjustment  
+/-2 mm

(TV) Depth adjustment  
+3/-2 mm

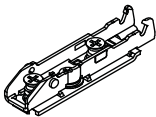
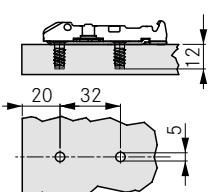
All adjustments can be carried out independently of each other.

## ORDER INFORMATION

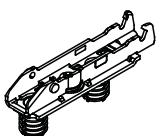
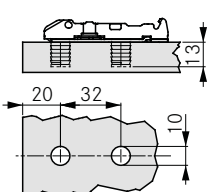
### 1D LINEAR MOUNTING PLATE, 2-POINT FIXING

For screw fixing	20/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with wood screws Ø 3.5 x 15 mm or with Euro screws Ø 6.3 x 13.5 mm</li> <li>With convenient height adjustment (HV) via worm gear</li> </ul> 		0	<b>F059139701</b>
		2	<b>F059139702</b>
		3	<b>F059139703</b>
		3.5	<b>F059139704</b>

### 1D LINEAR MOUNTING PLATE, 2-POINT FIXING

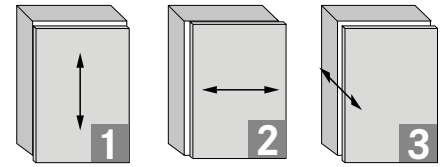
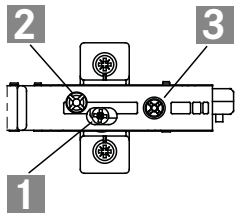
With pre-assembled Euro screws (13.5 mm)	20/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with pre-assembled Euro screws Ø 6.3 x 13.5 mm</li> <li>With convenient height adjustment (HV) via worm gear</li> <li><b>Do not use a hammer for inserting the mounting plate</b></li> </ul> 		0	<b>F059139711</b>
		2	<b>F059139712</b>
		3	<b>F059139713</b>
		3.5	<b>F059139714</b>

### 1D LINEAR MOUNTING PLATE, 2-POINT FIXING

For press fitting	20/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with Ø 10 mm dowels</li> <li>With convenient height adjustment (HV) via worm gear</li> <li><b>Do not use a hammer for inserting the mounting plate</b></li> </ul> 		0	<b>F059139706</b>
		2	<b>F059139707</b>
		3	<b>F059139708</b>
		3.5	<b>F059139709</b>

# TIOMOS

## Mounting plates



(HV) Height adjustment  
+/-2 mm

(SV) Side adjustment  
+/-2 mm

(TV) Depth adjustment  
+3/-2 mm

All adjustments can be carried out independently of each other.

### ORDER INFORMATION

#### CROSS MOUNTING PLATE FOR 20° ANGLE, 2-POINT FIXING

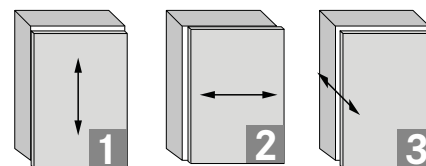
For screw fixing	X/32	Height	Item No.
<ul style="list-style-type: none"> <li>For 20° angle applications</li> <li>Zamak/steel, nickel-plated</li> <li>Fixing with wood screws Ø 3.5 x 15 mm</li> <li>With convenient height adjustment (HV) via worm gear</li> </ul>		0	<b>F058139902</b>
		2	<b>F058139903</b>
		3	<b>F058139904</b>
		3.5	<b>F058139905</b>

#### CROSS MOUNTING PLATE FOR 20° ANGLE, 2-POINT FIXING

With pre-assembled Euro screws (13.5 mm)	X/32	Height	Item No.
<ul style="list-style-type: none"> <li>For 20° angle applications</li> <li>Zamak/steel, nickel-plated</li> <li>Fixing with pre-assembled Euro screws Ø 6.3 x 13.5 mm</li> <li>With convenient height adjustment (HV) via worm gear</li> </ul>		0	<b>F058139906</b>
		2	<b>F058139907</b>
		3	<b>F058139908</b>
		3.5	<b>F058139909</b>

#### APPLICATION EXAMPLES FOR 20° ANGLE FITTINGS

Overlay application	Half overlay application	Corner application	Mitred application
Tiomos 110/cracking 3 20° cross mounting plate, height 2	Tiomos 110/cracking 3 20° cross mounting plate, height 3.5	Tiomos 110/cracking 19 20° cross mounting plate, height 0	Tiomos 110/cracking 9.5 20° cross mounting plate, height 3.5



(HV) Height adjustment  
+/-2 mm

(SV) Side adjustment  
+/-2 mm

(TV) Depth adjustment  
+3/-2 mm

All adjustments can be carried out independently of each other.

## ORDER INFORMATION

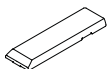


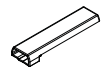
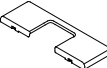
### +5° WEDGE

For screw fixing		37/32	Item No.
<ul style="list-style-type: none"> <li>Zamak, nickel-plated</li> <li>For placing under cross mounting plates</li> <li>Up to triple stack (we recommend a trial fitting)</li> </ul>			<p><b>F072135757</b></p>



### -5° WEDGE

For screw fixing		37/32	Item No.
<ul style="list-style-type: none"> <li>Zamak, nickel-plated</li> <li>For placing under cross mounting plates</li> <li>Up to triple stack (we recommend a trial fitting)</li> </ul>			<p><b>F072135758</b></p>

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	On request	<b>F072135500</b>
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0/3	On request	<b>F072135504</b>
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	0/3/9.5/19	GRASS logo	<b>F072135550</b>
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint			<b>F072135551</b>
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	0/3/9.5/19	On request	<b>F072140504</b>
	Hinge cup cover cap, steel, nickel-plated, not imprinted	-	On request	<b>F072135503</b>


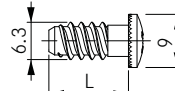

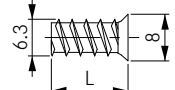

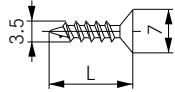

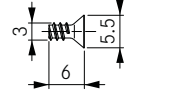

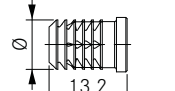
## OPENING ANGLE REDUCTION CLIPS

	Designation			Item No.
	85° opening angle reduction clip Suitable for all Tiomos 110° and 120° standard hinges. Prevents the door from colliding with kitchen unit fronts or walls (when fitted at corners). Easy fitting without tools. Steel, without nickel-plating			<b>F072135751</b>
	120° opening angle reduction clip Suitable for all Tiomos 160° wide-angle hinges. Prevents the door from colliding with kitchen unit fronts or walls (when fitted at corners). Easy fitting without tools. Plastic, black			<b>F072135753</b>

## SPACER RING

	Designation	Height		Item No.
	Permits the use of standard hinges for slim doors, simple installation, can be double-stacked, suitable for all Tiomos hinges	1.5		<b>F072135885</b>

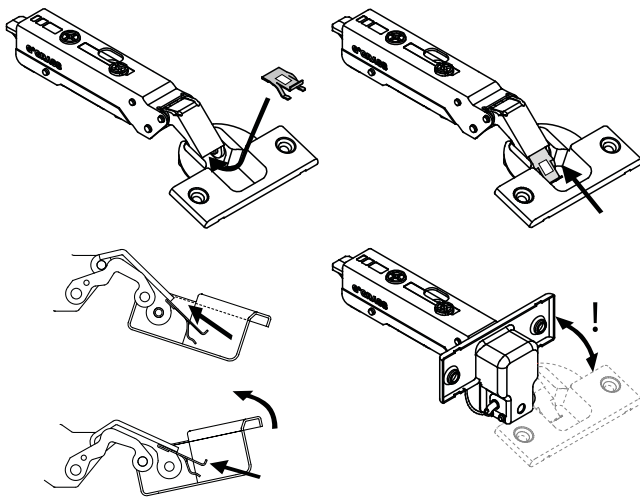
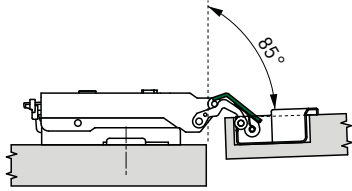
## FIXING SCREWS, DOWELS

	Designation			Item No.
	Flat head Euro screw, nickel-plated, Ø 6.3 mm	L = 10.5		<b>F072135768</b>
		L = 13.5		<b>F072135309</b>
	Countersunk Euro screw, nickel-plated, Ø 6.3 mm	L = 10		<b>F072135779</b>
		L = 13.5		<b>F069135297</b>
	Countersunk wood screw, nickel-plated, Ø 3.5 mm	L = 11		<b>F069135026</b>
		L = 15		<b>F146073976</b>
	Steel housing fixing screw for aluminium frame hinge, nickel-plated, M 3 x 6 mm	L = 6		<b>F069073405</b>
	Dowel for hinge cup, plastic PA 6.6, L = 13.2 mm (not compatible with 160° wide-angle hinge)	Ø = 8		<b>F072135773</b>
		Ø = 10		<b>F072135798</b>

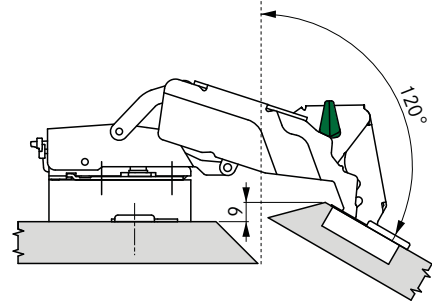
ASSEMBLY INSTRUCTIONS

All dimensions in millimetres

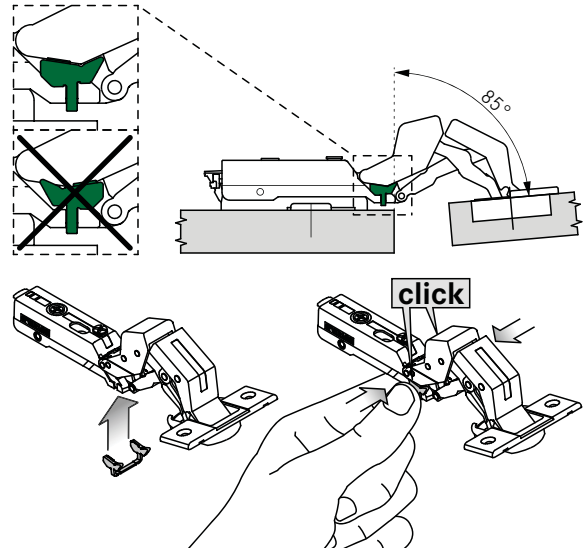
85° opening angle reduction clip



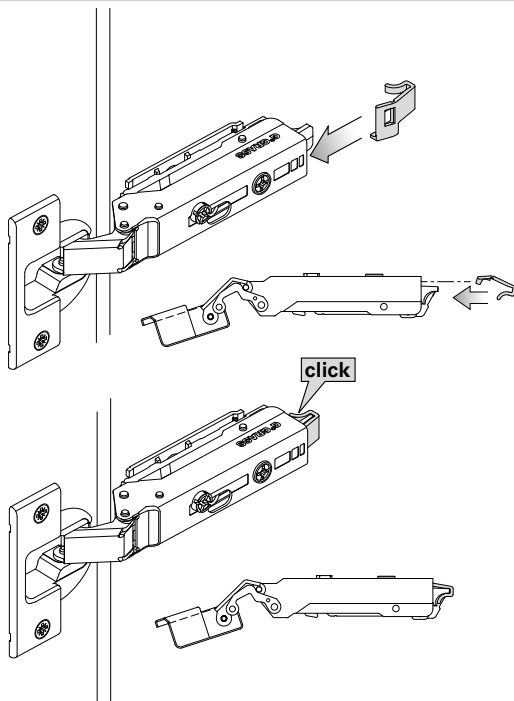
120° opening angle reduction clip



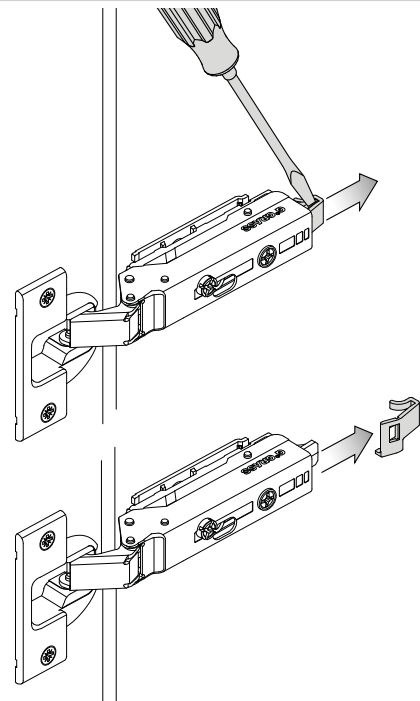
90° opening angle reduction clip for Tiomos M9 and Mirro



Unclipping protector assembly



Unclipping protector disassembly



Tiomos

Nexis

Special hinges

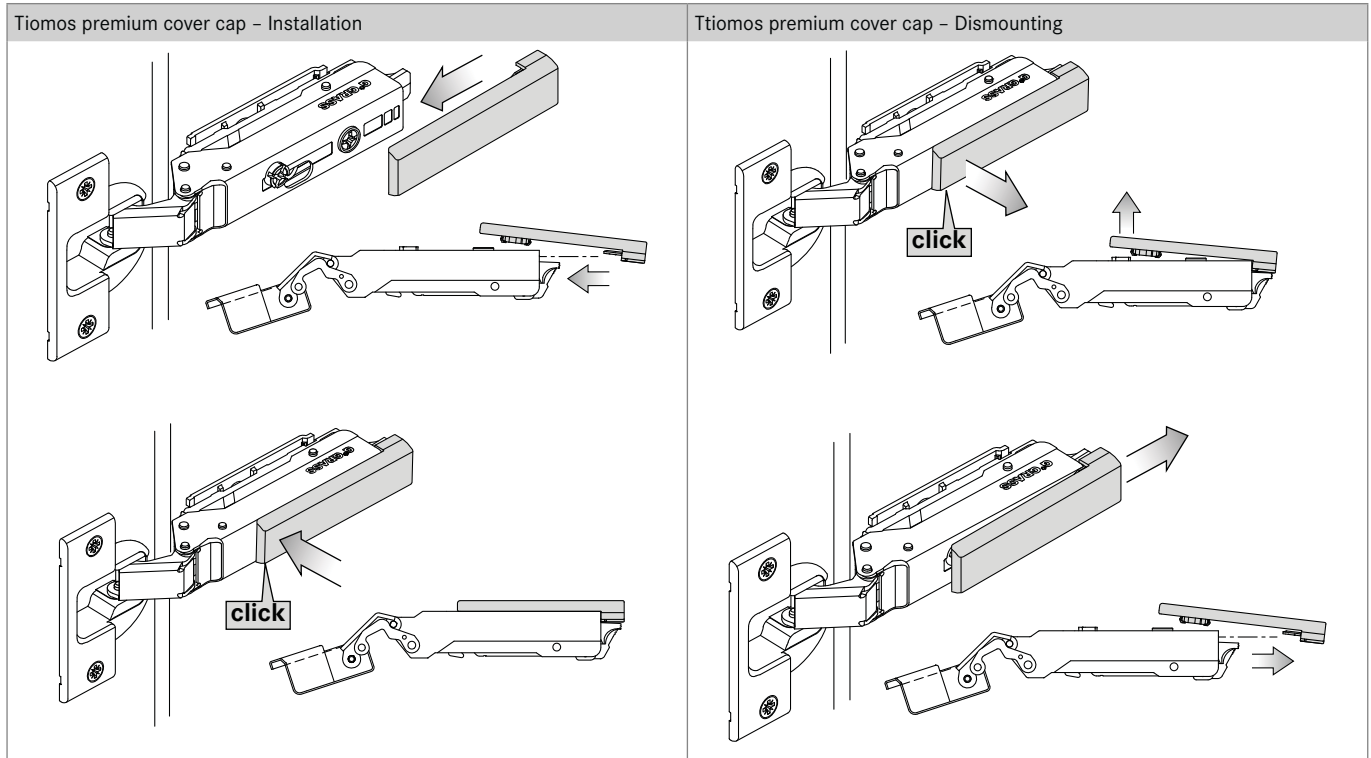
Single-joint hinges

Cabinet making accessories



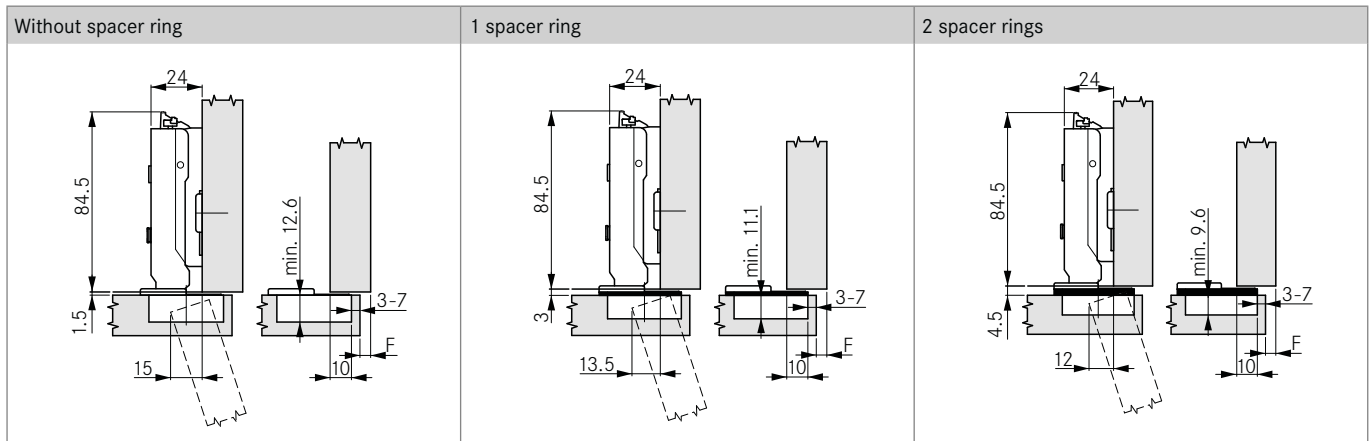
## ASSEMBLY INSTRUCTIONS

All dimensions in millimetres



## INSTALLATION INFORMATION

All dimensions in millimetres





### NUMBER OF HINGES PER DOOR

#### Description

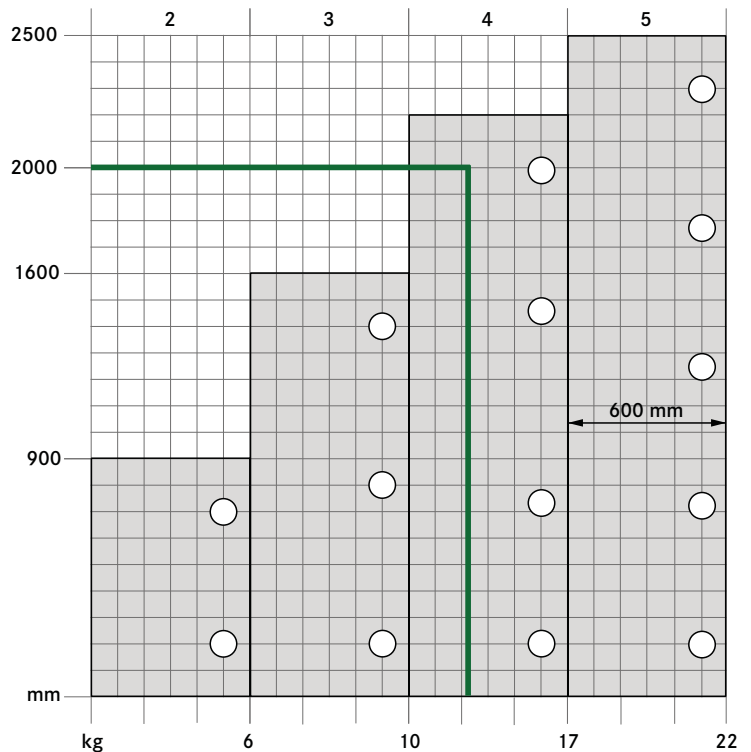
The number of hinges is determined by the door height, door weight, quality of the material and the fixing of the cup and mounting plate.

The load and height data refer to 600 mm standard door widths. In case of doubt, the number of hinges should be determined with a trial fitting.

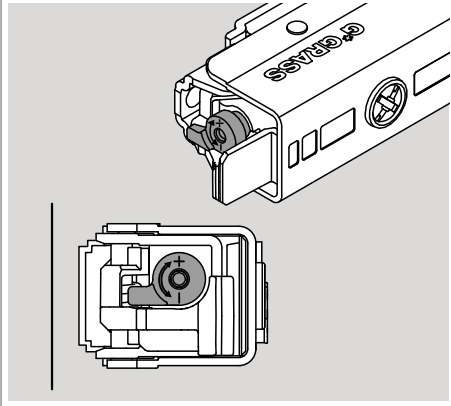
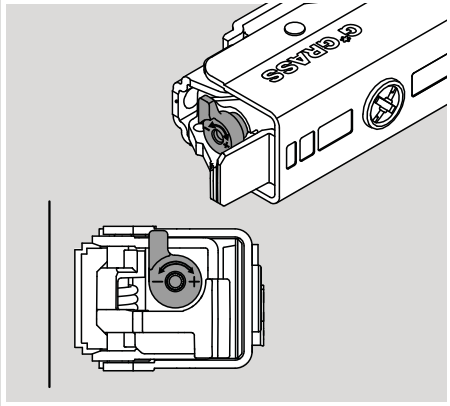
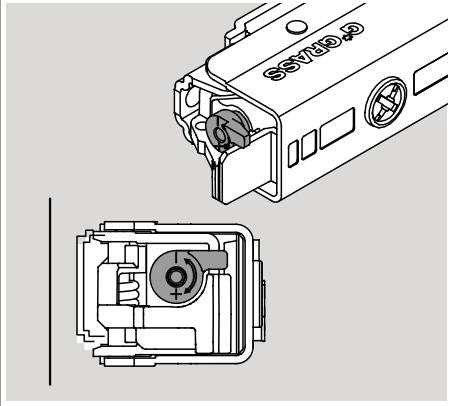
#### Example:

For doors measuring 2000 x 600 mm and weighing 13 kg we recommend the installation of 4 hinges.

The table refers to hinges with and without integrated damper.



### TOOL-FREE DAMPER ADJUSTMENT

Low level	Medium level (factory setting)	High level
		
<p>Adjustment lever points</p> <ul style="list-style-type: none"> <li>towards cabinet wall</li> </ul> <p>Suitable for:</p> <ul style="list-style-type: none"> <li>small, light-weight doors</li> </ul>	<p>Adjustment lever points</p> <ul style="list-style-type: none"> <li>downwards when fitted on the left and upwards when fitted on the right</li> </ul> <p>Suitable for:</p> <ul style="list-style-type: none"> <li>standard doors</li> </ul>	<p>Adjustment lever points</p> <ul style="list-style-type: none"> <li>into the cabinet</li> </ul> <p>Suitable for:</p> <ul style="list-style-type: none"> <li>large, heavy doors</li> </ul>
<p>The damping force of each hinge can be set individually. A simple lever adjustment is all that is required to increase or reduce the damping force as required.</p>		

DOOR ADJUSTMENTS (APPLIES TO ALL TIOMOS HINGES)

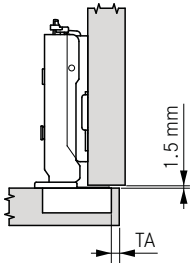
Description	Side adjustment with limit stop +/- 2mm	Convenient depth adjustment via worm gear +3/-2 mm	Height adjustment with mounting plate +/- 2 mm
<p>The height adjustment option depends on the type of mounting plate. All adjustments can be carried out independently of each other.</p> <p>When using a -2 mounting plate height, side adjustment is restricted.</p>			

DOOR REVEAL AND MINIMUM REVEAL

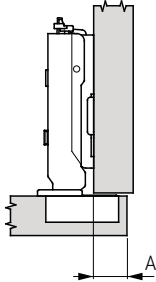
Description	Full overlay / overlay door	Half overlay door	Inset door
<p>The reveal is the distance between two doors or between the door and the cabinet side wall.</p> <p><b>The minimum reveal (F)</b> is the clearance required between two doors or between door and side wall so that the door can open without hindrance.</p>			

Minimum reveal table		Achievable reveal with inset door											
<p>The width of reveal required depends on the thickness of the door.</p> <p><b>Example:</b> For a <b>19 mm thick door</b> and a <b>cup distance</b> of <b>6 mm</b>, the <b>minimum reveal</b> required is <b>0.9 mm</b>.</p> <p><b>Important</b> Reveals were calculated for doors with a radius of 1 mm! We recommend a trial fitting.</p>	<p>Door thickness</p>	Cup distance					<p>The table shows the achievable reveal width for inset doors, depending on the cup distance and mounting plate height.</p> <p><b>Example:</b> For a <b>cup distance</b> of <b>6 mm</b> and a <b>mounting plate height</b> of <b>3 mm</b> the <b>reveal</b> is <b>1 mm</b>. This is also called a <b>negative overlay</b>.</p>	<p>Door reveal</p>	Cup distance				
		3	4	5	6	7			3	4	5	6	7
		24	2.4	2.1	2.1	2.1			2.0	0.0	0	2	3
		22	1.6	1.6	1.6	1.5			1.5	0.5			3.5
		21	1.4	1.3	1.3	1.3			1.3	1.0	0	2	3
		20	1.1	1.1	1.1	1.5			1.1	1.5			3.5
		19	0.9	0.9	0.9	0.9			0.9	2.0	2	3	
		18	0.7	0.7	0.7	0.7			0.7	3.0	2	3	
		17	0.6	0.6	0.6	0.6			0.6	4.0	3		
		16	0.6	0.6	0.6	0.6			0.6				
Minimum reveal (F)						Mounting plate height							

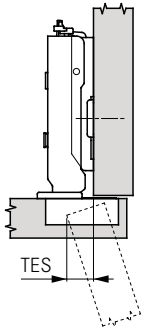
### MINIMUM GAP

Description		Example:																																																																									
<p><b>The minimum gap</b> is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.</p> <p>The factory setting of the gap is 1.5 mm.</p> <p>The cup distance (TA) is the distance between the edge of the door and the edge of the cup hole.</p>		<p>For a 17 mm thick door and a cup distance of 6 mm, the minimum gap is 1.0 mm.</p>	<table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="5">Cup distance</th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> </tr> </thead> <tbody> <tr> <th rowspan="9">Door thickness</th> <td>24</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.2</td> <td>2.1</td> </tr> <tr> <td>22</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.5</td> </tr> <tr> <td>21</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.2</td> </tr> <tr> <td>20</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> </tr> <tr> <td>19</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> </tr> <tr> <td>18</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> </tr> <tr> <td>17</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> </tr> <tr> <td>16</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="6" style="text-align: center;">Minimum gap</td> </tr> </tbody> </table>		Cup distance					3	4	5	6	7	Door thickness	24	1.0	1.0	1.0	1.2	2.1	22	1.0	1.0	1.0	1.0	1.5	21	1.0	1.0	1.0	1.0	1.2	20	1.0	1.0	1.0	1.0	1.0	19	1.0	1.0	1.0	1.0	1.0	18	1.0	1.0	1.0	1.0	1.0	17	1.0	1.0	1.0	1.0	1.0	16	1.0	1.0	1.0	1.0	1.0							Minimum gap					
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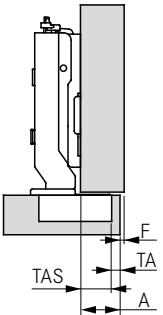
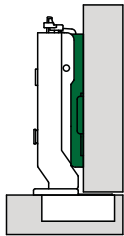
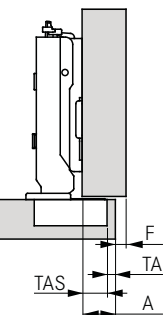
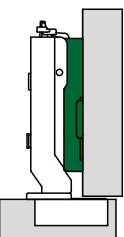
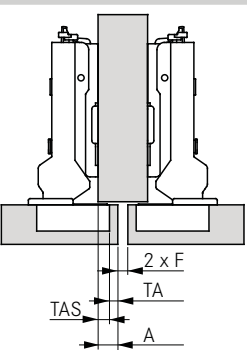
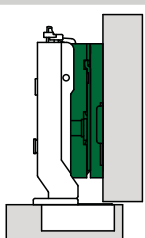
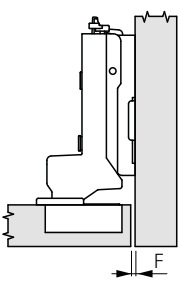
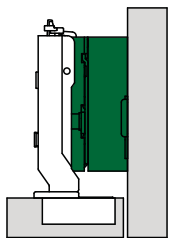
### DOOR OVERLAY

Description		Example:																																																																																									
<p><b>The door overlay (A)</b> is that part of the side wall or frame which is covered by the door.</p>		<p>For a hinge with cranking 3, a mounting plate height 2 and a cup distance of 4 mm, the door overlay is 14 mm.</p>	<table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="5">Cup distance</th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> </tr> </thead> <tbody> <tr> <th rowspan="11">Door overlay</th> <td>19.0</td> <td></td> <td></td> <td></td> <td>0</td> </tr> <tr> <td>18.0</td> <td></td> <td></td> <td>0</td> <td></td> </tr> <tr> <td>17.0</td> <td></td> <td>0</td> <td></td> <td>2</td> </tr> <tr> <td>16.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>16.0</td> <td></td> <td>0</td> <td>2</td> <td>3</td> </tr> <tr> <td>15.5</td> <td></td> <td></td> <td></td> <td>3.5</td> </tr> <tr> <td>15.0</td> <td>0</td> <td></td> <td>2</td> <td>3</td> </tr> <tr> <td>14.5</td> <td></td> <td></td> <td></td> <td>3.5</td> </tr> <tr> <td>14.0</td> <td></td> <td>2</td> <td>3</td> <td></td> </tr> <tr> <td>13.5</td> <td></td> <td></td> <td>3.5</td> <td></td> </tr> <tr> <td>13.0</td> <td>2</td> <td>3</td> <td></td> <td></td> </tr> <tr> <td>12.5</td> <td></td> <td>3.5</td> <td></td> <td></td> </tr> <tr> <td>12.0</td> <td>3</td> <td></td> <td></td> <td></td> </tr> <tr> <td>11.5</td> <td>3.5</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="6" style="text-align: center;">Mounting plate height</td> </tr> </tbody> </table>		Cup distance					3	4	5	6	7	Door overlay	19.0				0	18.0			0		17.0		0		2	16.5					16.0		0	2	3	15.5				3.5	15.0	0		2	3	14.5				3.5	14.0		2	3		13.5			3.5		13.0	2	3			12.5		3.5			12.0	3				11.5	3.5				Mounting plate height					
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### DOOR PROTRUSION

Description	
<p><b>Door protrusion (TES)</b> occurs when the door is opened and varies depending on the type of hinge and method of application.</p> <p>It is shown on each catalogue page and refers to the factory setting with the respective mounting plate shown. It can be altered by using a different mounting plate height and by changing the side adjustment.</p>	

OPTIONS FOR CHANGING THE DOOR OVERLAY

By selecting the cranking	By using a mounting plate with a different height
<p>Full overlay (cranking 0)</p> <p>The cup overlay (TAS/ factory setting) plus cup distance (TA) is the door overlay (A).</p> <p>The dimensions are shown in a table on the respective catalogue page.</p> 	<p>Full overlay</p> <p>Use a hinge with cranking 0 and mounting plate height 0.</p> 
<p>Overlay (cranking 3)</p> <p>The cup overlay (TAS/ factory setting) plus cup distance (TA) is the door overlay (A).</p> <p>The dimensions are shown in a table on the respective catalogue page.</p> 	<p>overlay</p> <p>Use a hinge with cranking 0 and mounting plate height 3.</p> 
<p>Half overlay (cranking 9.5)</p> <p>The cup overlay (TAS/ factory setting) plus cup distance (TA) is the door overlay (A).</p> <p>The dimensions are shown in a table on the respective catalogue page.</p> 	<p>Half overlay</p> <p>Use a hinge with cranking 0 and mounting plate height 9.5.</p> 
<p>Inset (cranking 19)</p> <p>There is no door overlay.</p> <p>The minimum reveal (F) between the cabinet side and door depends on the mounting plate height and the cup distance.</p> <p>The dimensions are shown in a table on the respective catalogue page.</p> 	<p>Inset</p> <p>Use a hinge with cranking 0 and mounting plate height 21.</p> 

# TIOMOS

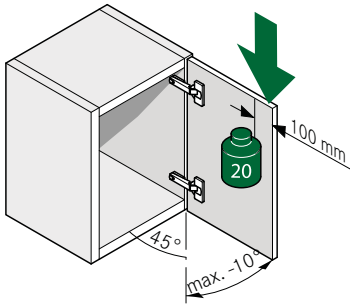
## Technical information

### TEST CRITERIA FOR HINGES

#### Functional test

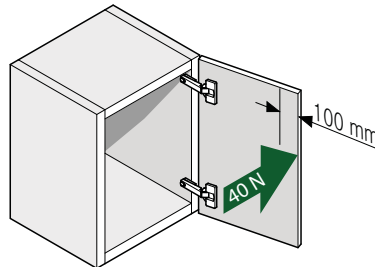
##### Static load – vertical

Additional load: 20 kg  
Opening angle: max.  $-10^\circ$   
Number: 10



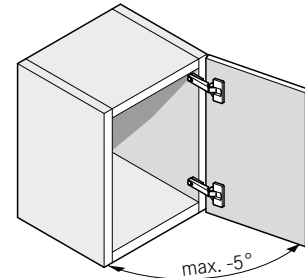
##### Static load – horizontal

Force: 40 N  
Number: 10



##### Endurance test

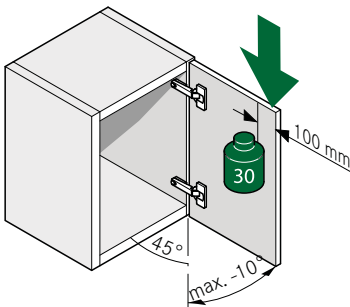
Opening angle: max.  $-5^\circ$   
Open and close movements: 100,000



#### Overload testing

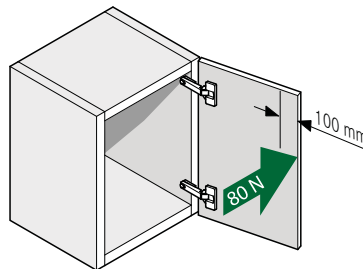
##### Vertical

Additional load: 30 kg  
Opening angle: max.  $-10^\circ$   
Number: 10



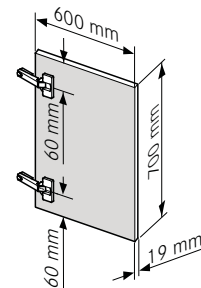
##### Horizontal

Force: 80 N  
Number: 10



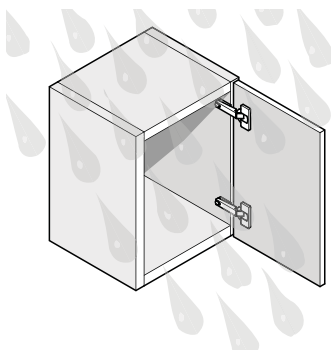
##### Test door

Weight approx. 5.2 kg



#### Salt spray and humidity test

Based on DIN ISO 9227 and DIN 6270-2









#### NEXIS HINGE SYSTEM

Whichever door you are moving:  
GRASS hinge systems offer perfect  
solutions for all applications.

**Functional in application and  
absolutely reliable in daily use.**






The Nexis series offers a wide  
range of options for different door  
applications in kitchen, bathroom  
and living room furniture.



[handle.com](https://www.handle.com)

# NEXIS HINGE SYSTEMS

The versatile NEXIS hinge system offers everything needed to move doors. Finely tuned movement systems offering functionality, operating comfort and top quality workmanship.

	<p><b>NEXIS IMPRESSO</b> <span style="float: right;"><b>125</b></span></p> <p>Hinges for fast, tool-free installation. With Click-on technology – obviously.</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Tiomos</p>
	<p><b>NEXIS CLICK-ON</b> <span style="float: right;"><b>167</b></span></p> <p>Quick-fit hinges with tool-free Click-on technology on the cabinet side.</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Nexis</p>
	<p><b>NEXIS SLIDE-ON</b> <span style="float: right;"><b>231</b></span></p> <p>Hinges with classic Slide-on technology. Reliability for long-term, everyday service.</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Special hinges</p>
	<p><b>SOFT-CLOSE FOR NEXIS</b> <span style="float: right;"><b>281</b></span></p> <p>The unique hinge damping system. Gently slows down the movement and closes the furniture door softly and quietly. Convenient, quiet and can be retrofitted.</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Single-joint hinges</p>
	<p><b>TIPMATIC FOR NEXIS</b> <span style="float: right;"><b>293</b></span></p> <p>The opening system for handle-free furniture doors. Gently tapping the door is enough – it then opens as if by magic.</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Cabinet making accessories</p>



#### NEXIS IMPRESSO

Functional hinges for fast, tool-free installation.

QUALITY CERTIFICATE  
**LGAI**

**Fits doors perfectly.** The hinge cup of Nexis Impresso sits tightly and solidly in door materials such as chipboard.

**Fast and reliable installation without tools.** In the Nexis Impresso series no tools are required for quickly fitting the cup to the door front and removing it. Hinges are fitted quickly and reliably on site.

# NEXIS IMPRESSO

Fast, tool-free installation system  
for numerous door applications.

Opening angle	Product designation	Application	Full overlay	Half overlay	Inset	Soft-close compatible	Tipmatic compatible	Page
100°	Impresso 04		■	■	■	■	■	128
110°	Impresso 22		■	■	-	■	■	130
125°	Impresso 29		■	■	-	■	■	132
170°	Impresso 65	Wide-angle hinge	■	■	-	■	■	134
95°	Impresso 05	Profiled door hinge	■	■	■	■	■	136
95°	Impresso 05/30/2	+30° angle corner cabinet hinge	-	■	-	■	-	138
95°	Impresso 05/45/3	+45° angle corner cabinet hinge	-	-	■	■	-	140
95°	Impresso 05/45/8	+45° angle corner cabinet hinge	-	■	-	■	-	142
125°	Impresso 29/-14	-14° angle corner cabinet hinge	-	■	-	■	-	144
125°	Impresso 29/-24	-24° angle corner cabinet hinge	-	■	-	-	-	146
125°	Impresso 29/-45	-45° angle corner cabinet hinge	-	■	-	-	-	148
95°	Impresso 05/90/4	Blind corner hinge	-	-	■	■	-	150

Nexis Impresso mounting plates	152
Accessories	160
Technical information	162
Soft-close damping system	281
Tipmatic	293
Assembly aids	358

Timos

Nexis































Special hinges





Single-joint hinges

Cabinet making accessories

# NEXIS IMPRESSO

Fast, tool-free installation system  
for numerous door applications.

Opening angle		Product description	Full overlay	Half overlay	Inset	Page
100°		<b>Nexis Impresso 04</b> <ul style="list-style-type: none"> <li>• Optimum reveals up to 24 mm door thickness</li> <li>• Also suitable for soft-formed doors</li> <li>• Soft-close compatible</li> </ul>				128
110°		<b>Nexis Impresso 22</b> <ul style="list-style-type: none"> <li>• 11.5 mm cup depth</li> <li>• Also suitable for soft-formed doors</li> <li>• Soft-close compatible</li> </ul>			-	130
125°		<b>Nexis Impresso 29</b> <ul style="list-style-type: none"> <li>• Convenient access to unit</li> <li>• Soft-close compatible</li> </ul>			-	132
170°		<b>Nexis Impresso 65</b> <ul style="list-style-type: none"> <li>• Also suitable for soft-formed doors</li> <li>• Zero protrusion</li> <li>• Soft-close compatible</li> </ul>			-	134
95°		<b>Nexis Impresso 05</b> <ul style="list-style-type: none"> <li>• Suitable for thick doors or profiled doors</li> <li>• Optimum reveals up to 30 mm door thickness</li> <li>• Soft-close compatible</li> </ul>				136
95°		<b>Nexis Impresso 05/30/2</b> <ul style="list-style-type: none"> <li>• For 30° angled cabinets</li> <li>• Optimum reveals up to 30 mm door thickness</li> <li>• Soft-close compatible</li> </ul>	-		-	138
95°		<b>Nexis Impresso 05/45/3</b> <ul style="list-style-type: none"> <li>• For 45° angled cabinets</li> <li>• Optimum reveals up to 30 mm door thickness</li> <li>• Soft-close compatible</li> </ul>	-	-		140
95°		<b>Nexis Impresso 05/45/8</b> <ul style="list-style-type: none"> <li>• For 45° angled cabinets</li> <li>• Optimum reveals up to 30 mm door thickness</li> <li>• Soft-close compatible</li> </ul>	-		-	142
125°		<b>Nexis Impresso 29/-14</b> <ul style="list-style-type: none"> <li>• For -14° corner and special applications</li> <li>• Ideal in kitchens and bathrooms</li> <li>• Soft-close compatible</li> </ul>	-		-	144
125°		<b>Nexis Impresso 29/-24</b> <ul style="list-style-type: none"> <li>• For -24° angled cabinets</li> <li>• Ideal in kitchens and bathrooms</li> </ul>	-		-	146
125°		<b>Nexis Impresso 29/-45</b> <ul style="list-style-type: none"> <li>• For -45° angled cabinets</li> <li>• Ideal in kitchens and bathrooms</li> </ul>	-		-	148
95°		<b>Nexis Impresso 05/90/4</b> <ul style="list-style-type: none"> <li>• For protruding posts</li> <li>• Optimum reveals up to 30 mm door thickness</li> <li>• Soft-close compatible</li> </ul>	-	-		150

	<b>Nexis Impresso mounting plates</b>	152
	<b>Accessories</b> <ul style="list-style-type: none"> <li>• Hinge arm cover caps</li> <li>• Opening angle reduction clips</li> </ul>	160
	<b>Technical information</b>	162
	<b>Soft-close damping system</b>	281
	<b>Tipmatic</b>	293

# NEXIS IMPRESSO 04

100° hinge (Door thicknesses up to 24 mm)



- 100° opening angle
- Optimum reveals with door thicknesses up to 24 mm
- Soft-close compatible
- With shallow cup depth (11.5 mm) also suitable for soft-formed doors
- 3-dimensional adjustment with appropriate mounting plate

#### Available in 2 versions:

- With self-closing mechanism (spring)
- Without self-closing mechanism (spring) for use with Tipmatic

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Impresso without tools	
Full overlay		Zamak, nickel-plated	Steel, nickel-plated	0	■	<b>F014072504</b>	
Half overlay		Zamak, nickel-plated	Steel, nickel-plated	8	■	<b>F014072567</b>	
					-	<b>F014072506</b>	
Inset		Zamak, nickel-plated	Steel, nickel-plated	15	■	<b>F014072507</b>	
					-	<b>F014072508</b>	

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	-2/0	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	<b>F069073669</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>		Soft-close Pin	<b>F069066528</b>
	Tipmatic Plus Impresso set	<b>F069135014</b>		Soft-close Impresso set	<b>F069073728</b>

Nexis Impresso mounting plates	152
Accessories	160

Soft-close Impresso	282
Tipmatic Plus Impresso set	294

Technical information	162
Assembly aids	358





# NEXIS IMPRESSO 22

110° hinge (Door thicknesses up to 20 mm)



- 110° opening angle
- Soft-close compatible
- With shallow cup depth (11.5 mm) also suitable for soft-formed doors
- Suitable for all standard doors up to a thickness of 20 mm
- 3-dimensional adjustment with appropriate mounting plate

#### Available in 2 versions:

- With self-closing mechanism (spring)
- Without self-closing mechanism (spring) for use with Tipmatic

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Impresso without tools	
Full overlay		Zamak, nickel-plated	Steel, nickel-plated	0	■	<b>F014072520</b>	
					-	<b>F014072521</b>	
Half overlay		Zamak, nickel-plated	Steel, nickel-plated	8	■	<b>F014072522</b>	
					-	<b>F014072523</b>	

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8	On request	<b>F069073669</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>		Soft-close Impresso set	<b>F069073728</b>
	Tipmatic Plus Impresso set	<b>F069135014</b>		85° opening angle reduction clip plastic, black	<b>F069135032</b>

Nexis Impresso mounting plates	152
Accessories	160

Soft-close Impresso	282
Tipmatic Plus Impresso set	294

Technical information	162
Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		K0	Half overlay		K8	
Mounting plate height 2			Mounting plate height 2			
Door overlay	Cup distance					
	0	4	5	6	7	
	20				0	
	19			0		
	18		0		2	
	17	0		2	3	
	16		2	3	4	
	15	2	3	4		
	14	3	4			
	13	4				
Mounting plate height						
Door overlay	Cup distance					
	8	4	5	6	7	
	12				0	
	11			0		
	10		0		2	
	9	0		2	3	
	8		2	3	4	
	7	2	3	4		
	6	3	4			
	5	4				
Mounting plate height						

MINIMUM GAP

Door thickness	Cup distance				
	4	5	6	7	
16	0.7	1.6	2.6	3.6	
18	1.2	2.2	3.2	4.2	
19	1.5	2.5	3.5	4.5	
20	1.8	2.8	3.8	4.8	
22	2.4	3.4	4.4	5.4	
Minimum gap					

MINIMUM REVEAL

Door thickness	Cup distance				
	4	5	6	7	
16	0.5	0.5	0.5	0.5	
18	1.0	1.0	1.0	1.0	
19	1.2	1.2	1.2	1.2	
20	1.5	1.5	1.5	1.5	
22	3.7	2.8	2.1	2.1	
Minimum reveal (F)					

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

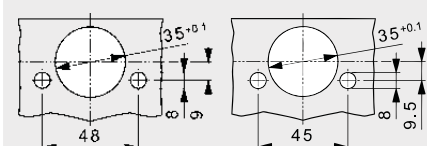
**Important:** The reveal width was calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

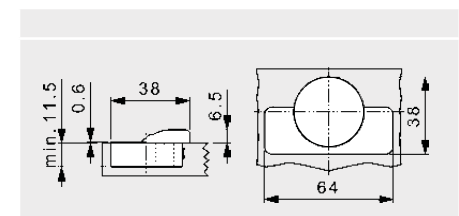
We recommend a trial fitting.

DRILLING PATTERNS

Combination drilling pattern 48/9 and 45/9.5



CUP DIMENSIONS



# NEXIS IMPRESSO 29

125° hinge (Door thicknesses up to 19 mm)



- 125° opening angle
- Soft-close compatible
- Optimum reveals with door thicknesses up to 19 mm
- 3-dimensional adjustment with appropriate mounting plate

#### Available in 2 versions:

- With self-closing mechanism (spring)
- Without self-closing mechanism (spring) for use with Tipmatic

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Impresso without tools	
Full overlay		Zamak, nickel-plated	Steel, nickel-plated	0	■	<b>F014072524</b>	
Half overlay		Zamak, nickel-plated	Steel, nickel-plated	8	■	<b>F014072527</b>	

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8	On request	<b>F069073669</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>		Soft-close Pin	<b>F069066528</b>
	Tipmatic Plus Impresso set	<b>F069135014</b>		Soft-close Impresso set	<b>F069073728</b>

Nexis Impresso mounting plates	152
Accessories	160

Soft-close Impresso	282
Tipmatic Plus Impresso set	294

Technical information	162
Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		K0	Half overlay		K8																																																																
Mounting plate height 2			Mounting plate height 2																																																																		
Door overlay	<table border="1"> <thead> <tr> <th>0</th> <th colspan="4">Cup distance</th> </tr> <tr> <th></th> <th>4</th> <th>5</th> <th>6</th> <th></th> </tr> </thead> <tbody> <tr><td>19</td><td></td><td></td><td>0</td><td></td></tr> <tr><td>18</td><td></td><td>0</td><td></td><td></td></tr> <tr><td>17</td><td>0</td><td></td><td>2</td><td></td></tr> <tr><td>16</td><td></td><td>2</td><td>3</td><td></td></tr> <tr><td>15</td><td>2</td><td>3</td><td>4</td><td></td></tr> <tr><td>14</td><td>3</td><td>4</td><td></td><td></td></tr> <tr><td>13</td><td>4</td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td colspan="5">Mounting plate height</td> </tr> </tbody> </table>					0	Cup distance					4	5	6		19			0		18		0			17	0		2		16		2	3		15	2	3	4		14	3	4			13	4														Mounting plate height								
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MINIMUM GAP

Door thickness	Cup distance		
	4	5	6
16	1.0	1.8	2.6
18	2.1	2.9	3.7
19	2.7	3.5	4.3
20	3.2	4.0	4.8
Minimum gap			

MINIMUM REVEAL

Door thickness	Cup distance		
	4	5	6
16	1.9	1.9	1.9
18	2.6	2.5	2.5
19	3.6	3.0	2.9
20	5.5	4.5	3.5
Minimum reveal (F)			

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

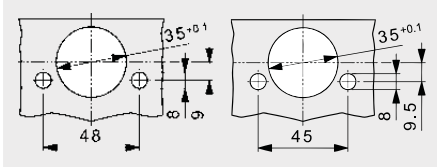
**Important:** The reveal width was calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

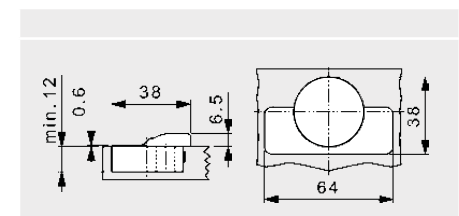
We recommend a trial fitting.

DRILLING PATTERNS

Combination drilling pattern 48/9 and 45/9.5



CUP DIMENSIONS



# NEXIS IMPRESSO 65

170° wide-angle hinge (Door thicknesses up to 26 mm)



- 170° opening angle
- Soft-close compatible
- Optimum reveals with door thicknesses up to 26 mm
- With shallow cup depth (11 mm) also suitable for soft-formed doors
- Zero protrusion with door open 90°
- Finger guard
- 3-dimensional adjustment with appropriate mounting plate

#### Available in 2 versions:

- With self-closing mechanism (spring)
- Without self-closing mechanism (spring) for use with Tipmatic

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Impresso without tools	
Full overlay		Zamak, nickel-plated	Zamak, nickel-plated	0	■	<b>F014072530</b>	
					-	<b>F014072531</b>	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated	8	■	<b>F014072532</b>	

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>		170° Soft-close set	<b>F069073729</b>
	170° Tipmatic set	<b>F069135019</b>		120° opening angle reduction clip, plastic, black	<b>F069073402</b>

Nexis Impresso mounting plates	152
Accessories	160

170° Soft-close	286
170° Tipmatic	298

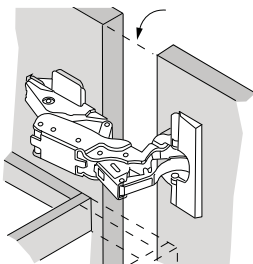
Technical information	162
Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay	K0	Half overlay	K8	Inset	K0	Mitred application	K0																																																																																																																																																																						
<p>Mounting plate height 2</p> <table border="1"> <thead> <tr> <th rowspan="2">Door overlay</th> <th colspan="5">Cup distance</th> </tr> <tr> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8</th> </tr> </thead> <tbody> <tr><td>21</td><td></td><td></td><td></td><td></td><td>0</td></tr> <tr><td>20</td><td></td><td></td><td></td><td>0</td><td></td></tr> <tr><td>19</td><td></td><td></td><td>0</td><td></td><td>2</td></tr> <tr><td>18</td><td></td><td>0</td><td></td><td>2</td><td>3</td></tr> <tr><td>17</td><td>0</td><td></td><td>2</td><td>3</td><td>4</td></tr> <tr><td>16</td><td></td><td>2</td><td>3</td><td>4</td><td></td></tr> <tr><td>15</td><td>2</td><td>3</td><td>4</td><td></td><td></td></tr> <tr><td>14</td><td>3</td><td>4</td><td></td><td></td><td></td></tr> <tr><td>13</td><td>4</td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td colspan="6">Mounting plate height</td> </tr> </tbody> </table>		Door overlay	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		15	2	3	4			14	3	4				13	4																	Mounting plate height						<p>Mounting plate height 2</p> <table border="1"> <thead> <tr> <th rowspan="2">Door overlay</th> <th colspan="5">Cup distance</th> </tr> <tr> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8</th> </tr> </thead> <tbody> <tr><td>13</td><td></td><td></td><td></td><td></td><td>0</td></tr> <tr><td>12</td><td></td><td></td><td></td><td>0</td><td></td></tr> <tr><td>11</td><td></td><td></td><td>0</td><td></td><td>2</td></tr> <tr><td>10</td><td></td><td>0</td><td></td><td>2</td><td>3</td></tr> <tr><td>9</td><td>0</td><td></td><td>2</td><td>3</td><td>4</td></tr> <tr><td>8</td><td></td><td>2</td><td>3</td><td>4</td><td></td></tr> <tr><td>7</td><td>2</td><td>3</td><td>4</td><td></td><td></td></tr> <tr><td>6</td><td>3</td><td>4</td><td></td><td></td><td></td></tr> <tr><td>5</td><td>4</td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td colspan="6">Mounting plate height</td> </tr> </tbody> </table>		Door overlay	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		7	2	3	4			6	3	4				5	4																	Mounting plate height						<p>Inset application</p> <p>With 0 cranking, cup distance 4 mm and mounting plate height 18, the door will be inset.</p> <p>Use 120° opening angle reduction clip.</p>		<p>Mitred application</p> <p>With 0 cranking, cup distance 3 mm and mounting plate height 18, a mitred application can be achieved.</p> <p>Use 120° opening angle reduction clip.</p>	
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ZERO PROTRUSION



Zero protrusion for use with inset drawers.

With 0 cranking and mounting plate height 0, the door will be flush with the cabinet at 90°.

MINIMUM GAP

Door thickness	Cup distance			
	4	5	6	8
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
23	0.7	0.7	0.7	0.7
24	0.7	0.7	0.7	0.7
25	0.7	0.7	0.7	0.7
26	0.7	0.7	0.7	0.7
Minimum gap				

MINIMUM REVEAL

Door thickness	Cup distance				
	4	5	6	7	8
16	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0
24	0.7	0.7	0.7	1.8	2.0
25	6.5	6.0	5.5	4.8	4.0
26	9.5	8.5	7.5	6.5	5.5
Minimum reveal (F)					

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

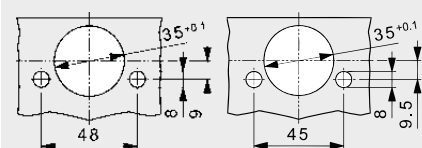
**Important:** The reveal width was calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

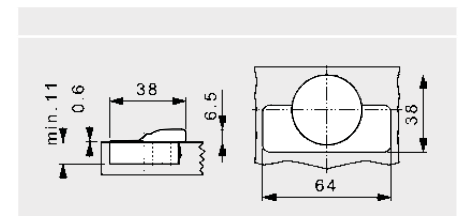
We recommend a trial fitting.

DRILLING PATTERNS

Combination drilling pattern 48/9 and 45/9.5



CUP DIMENSIONS



# NEXIS IMPRESSO 05

95° profiled door hinge (Door thicknesses up to 30 mm)



- 95° opening angle
- Minimum reveals with thick doors
- Soft-close compatible
- Optimum reveals with door thicknesses up to 30 mm
- 3-dimensional adjustment with appropriate mounting plate

#### Available in 2 versions:

- With self-closing mechanism (spring)
- Without self-closing mechanism (spring) for use with Tipmatic

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Impresso without tools	
Full overlay		Zamak, nickel-plated	Steel, nickel-plated	0	■	<b>F014072509</b>	
					-	<b>F014072510</b>	
Half overlay		Zamak, nickel-plated	Steel, nickel-plated	8	■	<b>F014072514</b>	
Inset		Zamak, nickel-plated	Steel, nickel-plated	15	■	<b>F014072517</b>	
					-	<b>F014072518</b>	

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	<b>F069073669</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>		Soft-close Pin	<b>F069066528</b>
	Tipmatic Plus Impresso set	<b>F069135014</b>		Soft-close Impresso set	<b>F069073728</b>

Nexis Impresso mounting plates	152
Accessories	160

Soft-close Impresso	282
Tipmatic Plus Impresso set	294

Technical information	162
Assembly aids	358





# NEXIS IMPRESSO 05/30/2

+30° angle corner hinge (Door thicknesses up to 30 mm)



- For 30° angled cabinets
- 95° opening angle
- Optimum reveals for door thicknesses up to 30 mm
- Soft-close compatible
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Impresso without tools	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F014072511</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>			
	Soft-close Impresso set	<b>F069073728</b>			

Nexis Impresso mounting plates	152
Accessories	160

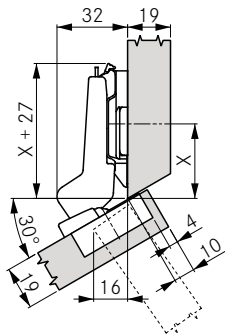
Soft-close Impresso	282
Technical information	162

Assembly aids	358
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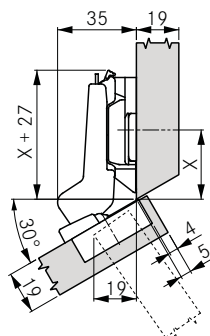
INSTALLATION INFORMATION

All dimensions in millimetres

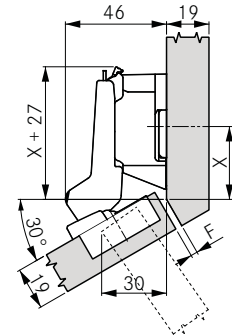
Half overlay



Mounting plate height 4

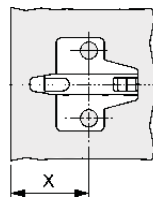


Mounting plate height 8



Mounting plate height 18

Door overlay	Cup distance			Mounting plate height
	4	5	6	
15			0	
14		0		
13	0		2	
12		2	3	
11	2	3	4	
10	3	4		
9	4			



X	Mounting plate height				
	0	2	3	4	8
	35.0	34.0	33.5	33.0	31.0

Mounting plate position

MINIMUM GAP

Door thickness	Cup distance			Minimum gap
	4	5	6	
16	0.7	0.7	0.7	
18	0.7	0.7	0.7	
19	0.7	0.7	0.7	
20	0.7	0.7	0.7	
22	0.7	0.7	0.7	
24	0.7	0.7	0.7	
26	0.7	0.7	0.7	
28	0.7	0.7	0.7	
30	0.7	0.7	1.1	

MINIMUM REVEAL

Door thickness	Cup distance			Minimum reveal (F)
	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	

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

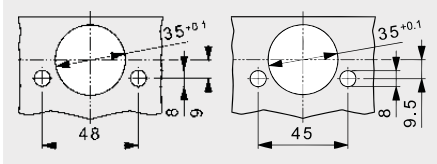
**Important:** The reveal width was calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

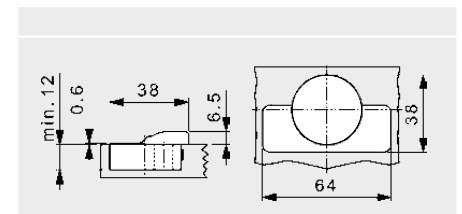
We recommend a trial fitting.

DRILLING PATTERNS

Combination drilling pattern 48/9 and 45/9.5



CUP DIMENSIONS



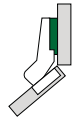
# NEXIS IMPRESSO 05/45/3

+45° angle corner hinge (Door thicknesses up to 30 mm)




- For 45° angled cabinets
- 95° opening angle
- Optimum reveals for door thicknesses up to 30 mm
- Soft-close compatible
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate



## ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Impresso without tools	
Inset		Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F014072512</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>			
	Soft-close Impresso set	<b>F069073728</b>			

Nexis Impresso mounting plates	152
Accessories	160

Soft-close Impresso	282
Technical information	162

Assembly aids	358
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# NEXIS IMPRESSO 05/45/8

+45° angle corner hinge (Door thicknesses up to 30 mm)



- For 45° angled cabinets
- 95° opening angle
- Optimum reveals for door thicknesses up to 30 mm
- Soft-close compatible
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Impresso without tools	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F014072515</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>			
	Soft-close Impresso set	<b>F069073728</b>			

Nexis Impresso mounting plates	152
Accessories	160

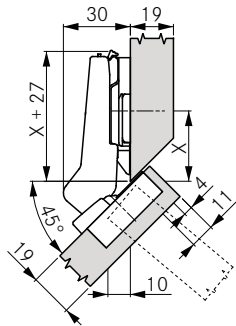
Soft-close Impresso	282
Technical information	162

Assembly aids	358
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INSTALLATION INFORMATION

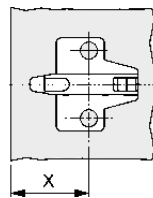
All dimensions in millimetres

Half overlay



Mounting plate height 4

Door overlay max.	Cup distance			Mounting plate height
	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			



X	Mounting plate height			
	0	2	3	4
	35.0	33.0	32.0	31.0

Mounting plate position

MINIMUM GAP

Door thickness	Cup distance			Minimum gap
	4	5	6	
16	0.7	0.7	0.7	
18	0.7	0.7	0.7	
19	0.7	0.7	0.7	
20	0.7	0.7	0.7	
22	0.7	0.7	0.7	
24	0.7	0.7	0.7	
26	0.7	0.7	0.7	
28	0.7	0.7	0.7	
30	0.7	0.7	1.1	

MINIMUM REVEAL

Door thickness	Cup distance			Minimum reveal (F)
	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	

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

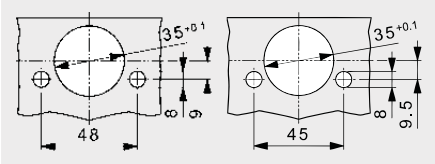
**Important:** The reveal width was calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

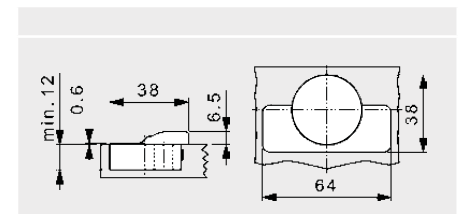
We recommend a trial fitting.

DRILLING PATTERNS

Combination drilling pattern 48/9 and 45/9.5



CUP DIMENSIONS



# NEXIS IMPRESSO 29/-14

-14° angle corner hinge



- For 14° negative angled cabinets
- 125° opening angle
- Soft-close compatible
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Impresso without tools	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F014072528</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, plastic, black, Soft-close compatible	On request	<b>F069073534</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>			
	Soft-close Impresso set	<b>F069073728</b>			

Nexis Impresso mounting plates	152
Accessories	160

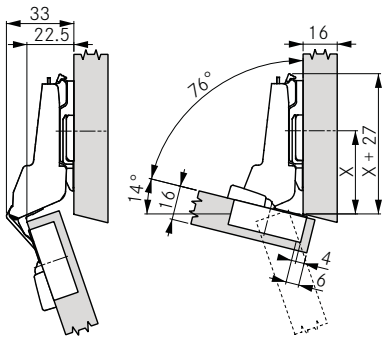
Soft-close Impresso	282
Technical information	162

Assembly aids	358
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INSTALLATION INFORMATION

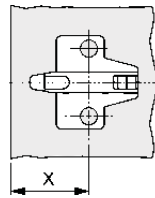
All dimensions in millimetres

Half overlay



Mounting plate height 2

Door overlay	Cup distance			Mounting plate height
	4	5	6	
10			0	
9		0		
8	0		2	
7		2	3	
6	2	3	4	
5	3	4		
4	4			



X	Mounting plate height			
	0	2	3	4
	38.5	39.0	39.0	39.5

Mounting plate position

MINIMUM GAP

Door thickness	Cup distance			Minimum gap
	4	5	6	
16	1.0	1.8	2.6	
18	2.1	2.9	3.7	
19	2.7	3.5	4.3	
20	3.2	4.0	4.8	

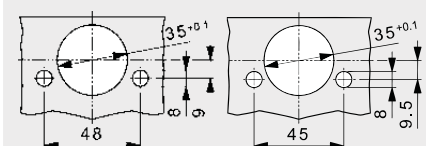
NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

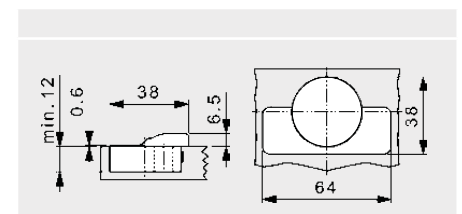
We recommend a trial fitting.

DRILLING PATTERNS

Combination drilling pattern 48/9 and 45/9.5



CUP DIMENSIONS





# NEXIS IMPRESSO 29/-24

-24° angle corner hinge



- For 24° negative angled cabinets
- 125° opening angle
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Impresso without tools	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F014072526</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>			

Nexis Impresso mounting plates	152
Accessories	160

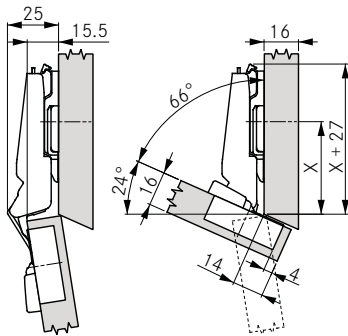
Soft-close Pin	290
Technical information	162

Assembly aids	358

INSTALLATION INFORMATION

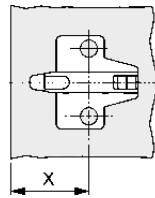
All dimensions in millimetres

Half overlay



Mounting plate height 2

Door overlay	Cup distance			Mounting plate height
	4	5	6	
18			0	
17		0		
16	0		2	
15		2	3	
14	2	3	4	
13	3	4		
12	4			



X	Mounting plate height				Mounting plate position
	0	2	3	4	
X	42.5	43.5	44.0	44.5	

MINIMUM GAP

Door thickness	Cup distance			Minimum gap
	4	5	6	
16	1.0	1.8	2.6	
18	2.1	2.9	3.7	
19	2.7	3.5	4.3	
20	3.2	4.0	4.8	

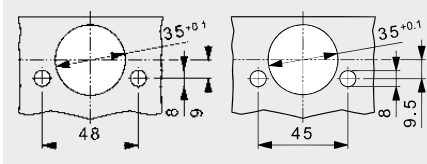
NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

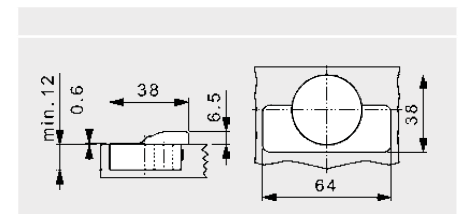
We recommend a trial fitting.

DRILLING PATTERNS

Combination drilling pattern 48/9 and 45/9.5



CUP DIMENSIONS



# NEXIS IMPRESSO 29/-45

-45° angle corner hinge



- For 45° negative angled cabinets
- 125° opening angle
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Impresso without tools	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F014072529</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>			

Nexis Impresso mounting plates	152
Accessories	160

Soft-close Pin	290
Technical information	162

Assembly aids	358



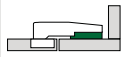
# NEXIS IMPRESSO 05/90/4

95° blind corner hinge (door thicknesses up to 30 mm)




- For direct mounting on protruding post
- 95° opening angle
- Optimum reveals for door thicknesses up to 30 mm
- Soft-close compatible
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate



## ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Impresso without tools	
Inset		Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F014072519</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>			
	Soft-close Impresso set	<b>F069073728</b>			

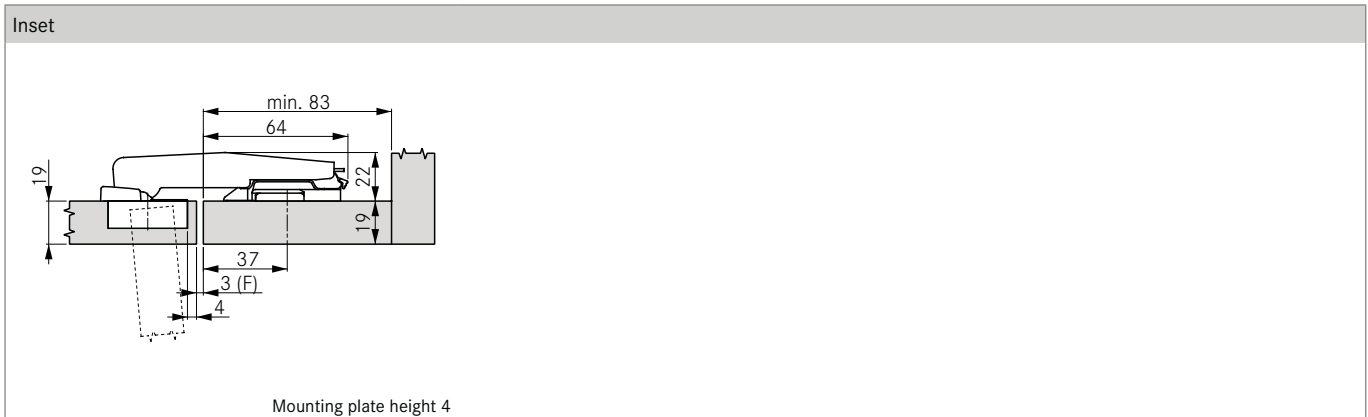
Nexis Impresso mounting plates	152
Accessories	160

Soft-close Impresso	282
Technical information	162

Assembly aids	358
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## INSTALLATION INFORMATION

All dimensions in millimetres



## MINIMUM REVEAL

	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			
	Minimum reveal (F)					

## NOTES

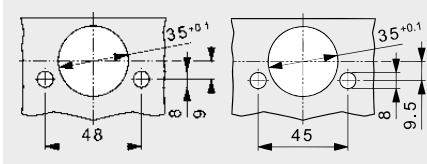
**Important:** The reveal width was calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

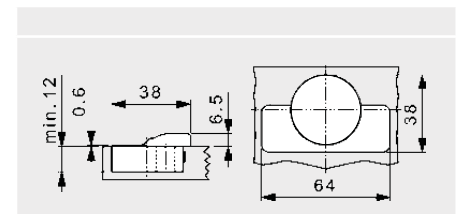
We recommend a trial fitting.

## DRILLING PATTERNS

Combination drilling pattern 48/9 and 45/9.5

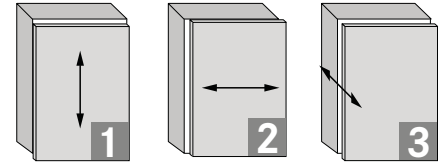
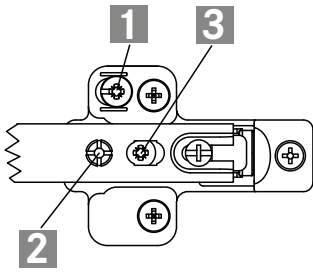


## CUP DIMENSIONS



# NEXIS IMPRESSO

## Mounting plates



Height adjustment  
+/-2 mm

Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm

All adjustments can be carried out independently of each other.

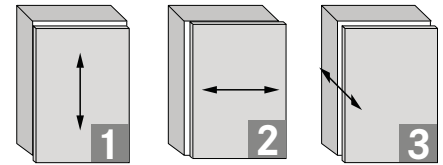
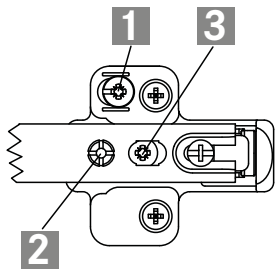
### ORDER INFORMATION

#### 2D CROSS MOUNTING PLATE, 3-POINT FIXING

For screw fixing	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>• Steel/Zamak, nickel-plated</li> <li>• Fixing with wood screws</li> <li>• Fixing distance 37 mm</li> <li>• Hole spacing 32 mm</li> <li>• Height and depth adjustment via a cam</li> </ul>		0	<b>F06 1073214</b>
		2	<b>F06 1073215</b>
		4	<b>F06 1073216</b>
		6	<b>F06 1073217</b>
		8	<b>F06 1073218</b>

#### 2D CROSS MOUNTING PLATE, 3-POINT FIXING

With pre-assembled Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>• Steel/Zamak, nickel-plated</li> <li>• Fixing with pre-assembled Euro screws</li> <li>• Fixing distance 37 mm</li> <li>• Hole spacing 32 mm</li> <li>• Height and depth adjustment via a cam</li> </ul>		0	<b>F06 1073232</b>
		2	<b>F06 1073233</b>
		4	<b>F06 1073234</b>



Height adjustment  
+/-2 mm

Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm

All adjustments can be carried out independently of each other.

## ORDER INFORMATION

### 2D CROSS MOUNTING PLATE, 2-POINT FIXING

For screw fixing	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with wood screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height and depth adjustment via a cam</li> </ul>		0	<b>F06 1073253</b>
		2	<b>F06 1073254</b>
		3	<b>F06 1073295</b>
		4	<b>F06 1073255</b>
		6	<b>F06 1073222</b>
		8	<b>F06 1073223</b>

### 2D CROSS MOUNTING PLATE, 2-POINT FIXING

For Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height and depth adjustment via a cam</li> </ul>		0	<b>F06 1073227</b>
		2	<b>F06 1073228</b>
		4	<b>F06 1073229</b>
		6	<b>F06 1073230</b>
		8	<b>F06 1073231</b>

### 2D CROSS MOUNTING PLATE, 2-POINT FIXING

With pre-assembled Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with pre-assembled Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height and depth adjustment via a cam</li> </ul>		0	<b>F06 1073236</b>
		2	<b>F06 1073237</b>
		3	<b>F06 1073294</b>
		4	<b>F06 1073238</b>
		6	<b>F06 1073239</b>
		8	<b>F06 1073240</b>

### 2D CROSS MOUNTING PLATE, 2-POINT FIXING

For press fitting	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with 10 mm dowels</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height and depth adjustment via a cam</li> </ul>		0	<b>F06 1073248</b>
		2	<b>F06 1073249</b>
		4	<b>F06 1073250</b>

Tiomos

Nexis

Special hinges

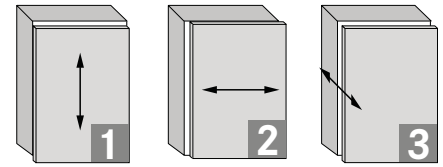
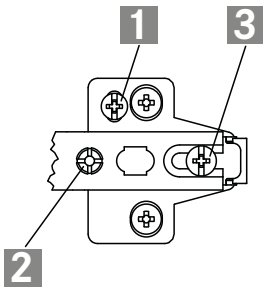
Single-joint hinges

Cabinet making accessories



# NEXIS IMPRESSO

## Mounting plates



Height adjustment  
+/-2 mm

Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm

All adjustments can be carried out independently of each other.

### ORDER INFORMATION

#### 2-PART CROSS MOUNTING PLATE, 3-POINT FIXING

For screw fixing	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with wood screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> </ul>		0	<b>F060073148</b>
		2	<b>F060073150</b>
		4	<b>F060073151</b>
		8	<b>F060073152</b>
		18	<b>F060073153</b>

#### 2-PART CROSS MOUNTING PLATE, 3-POINT FIXING

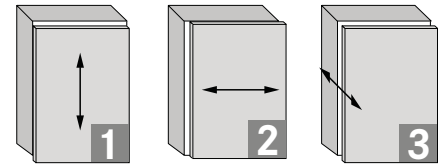
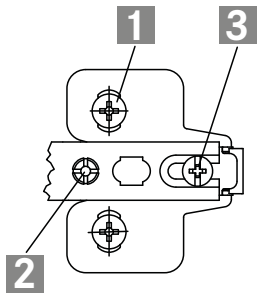
For Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> </ul>		0	<b>F060073156</b>
		2	<b>F060073157</b>
		4	<b>F060073158</b>
		8	<b>F060073159</b>
		18	<b>F060073160</b>

#### SPACER PLATE, HEIGHT 3

For Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Plastic, black</li> <li>Can be stacked</li> <li>For 2-part steel/Zamak plates</li> </ul>		3	<b>F069073764</b>

#### 2-PART CROSS MOUNTING PLATE, 3-POINT FIXING

With pre-assembled Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with pre-assembled Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> </ul>		0	<b>F060073171</b>
		2	<b>F060073172</b>
		4	<b>F060073173</b>
		8	<b>F060073174</b>
		18	<b>F060073175</b>



Height adjustment  
+/-2 mm

Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm

All adjustments can be carried out independently of each other.

## ORDER INFORMATION

### 1-PART CROSS MOUNTING PLATE, 2-POINT FIXING

For screw fixing	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with wood screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment via slot</li> </ul>		0	F060073144
		2	F060073145
		3	F060073209
		4	F060073146

### 1-PART CROSS MOUNTING PLATE, 2-POINT FIXING

With pre-assembled Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with pre-assembled 13.5 mm long Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment via slot</li> </ul>		0	F060073179
		2	F060073180
		3	F060073211
		4	F060073181

### 1-PART CROSS MOUNTING PLATE, 2-POINT FIXING FOR TWIN APPLICATION

With pre-assembled Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with pre-assembled 10.5 mm long Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment via slot</li> <li>For twin application</li> </ul>		0	F060073201
		2	F060073202
		4	F060073203

Tiomos

Nexis

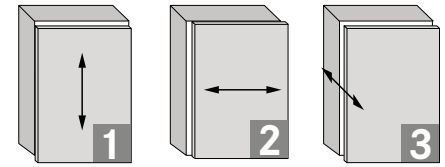
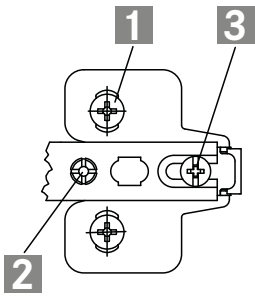
Special hinges

Single-joint hinges

Cabinet making accessories

# NEXIS IMPRESSO

## Mounting plates



Height adjustment  
+/-2 mm


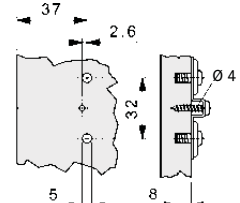
Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm


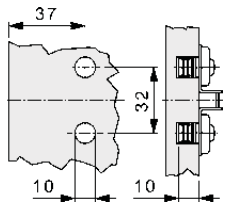
All adjustments can be carried out independently of each other.

### ORDER INFORMATION


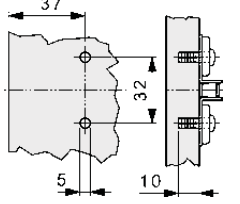
#### 1-PART CROSS MOUNTING PLATE, 3-POINT FIXING

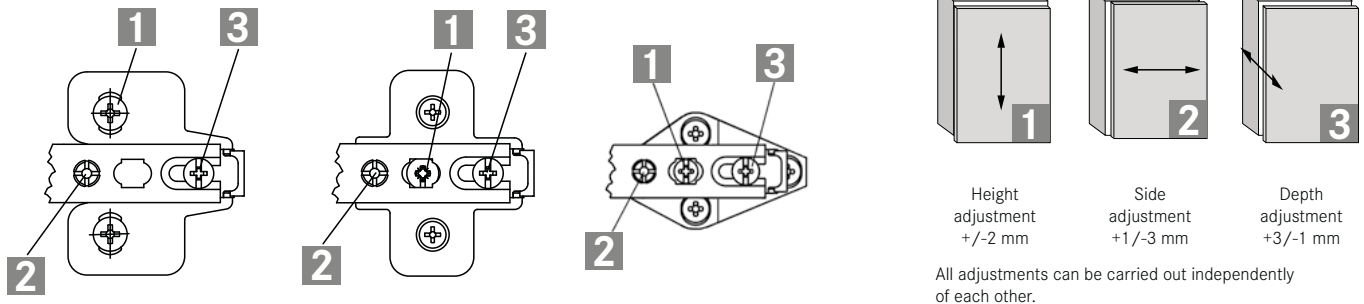
With expansion dowel	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with 5 mm expansion dowels</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment via slot</li> </ul>  <p>ⓘ Plate must not be fixed with a cordless screwdriver.</p>		0	<b>F060073185</b>
		2	<b>F060073186</b>
		4	<b>F060073187</b>

#### 1-PART CROSS MOUNTING PLATE, 2-POINT FIXING

For press fitting	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with 10 mm dowels</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment via slot</li> </ul> 		0	<b>F060073188</b>
		2	<b>F060073191</b>
		4	<b>F060073190</b>


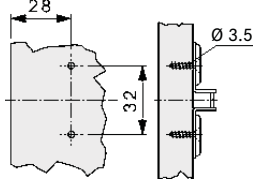
#### 1-PART CROSS MOUNTING PLATE, 2-POINT FIXING

With expansion dowel bridge	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with 5 mm expansion dowel bridge</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment via slot</li> </ul> 		0	<b>F060073182</b>
		2	<b>F060073183</b>
		4	<b>F060073184</b>


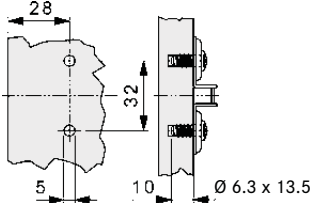


## ORDER INFORMATION


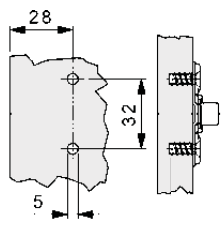
### 1-PART MOUNTING PLATE, 2-POINT FIXING, FIXING DISTANCE 28 MM

For screw fixing	28/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with wood screws</li> <li>Fixing distance 28 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment via slot</li> </ul> 		0	<b>F060073139</b>
		2	<b>F060073140</b>
		4	<b>F060073141</b>


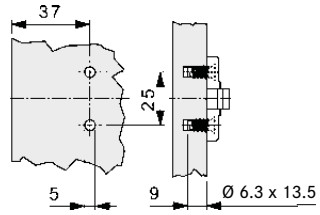
### 1-PART MOUNTING PLATE, 2-POINT FIXING, FIXING DISTANCE 28 MM

With pre-assembled Euro screws	28/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with pre-assembled Euro screws</li> <li>Fixing distance 28 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment via slot</li> </ul> 		0	<b>F060073162</b>
		2	<b>F060073163</b>
		4	<b>F060073164</b>

### 2-PART MOUNTING PLATE, 2-POINT FIXING, FIXING DISTANCE 28 MM

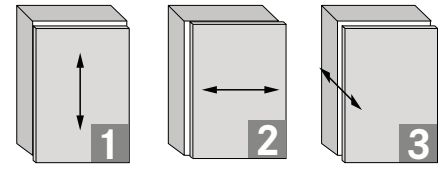
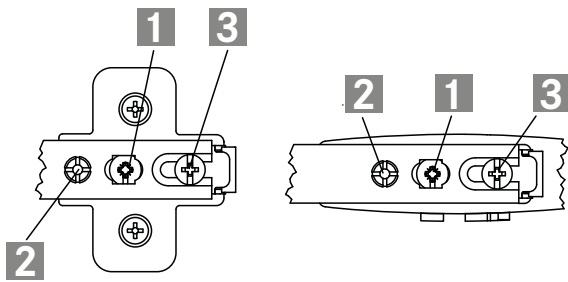
For Euro screws	28/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with Euro screws</li> <li>Fixing distance 28 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment</li> </ul> 		2	<b>F060073154</b>
		4	<b>F060073155</b>

### 1-PART MOUNTING PLATE, 2-POINT FIXING, FIXING DISTANCE 37 MM, HOLE SPACING 25 MM

For Euro screws	37/25	Height	Item No.
<ul style="list-style-type: none"> <li>Zamak, nickel-plated</li> <li>Fixing with Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 25 mm</li> <li>Height adjustment</li> </ul> 		2	<b>F061073268</b>

# NEXIS IMPRESSO

## Mounting plates



Height adjustment  
+/-2 mm

Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm

All adjustments can be carried out independently of each other.

### ORDER INFORMATION

#### CROSS MOUNTING PLATE FOR 20° ANGLE, 2-POINT FIXING

With pre-assembled Euro screws	X/32	Height	Item No.
<ul style="list-style-type: none"> <li>For 20° opening angle</li> <li>Zamak, nickel-plated</li> <li>Fixing with pre-assembled Euro screws</li> <li>Hole spacing 32 mm</li> <li>Height adjustment</li> </ul>		2	<b>F061073273</b>
		4	<b>F061073274</b>

#### CROSS MOUNTING PLATE FOR 45° ANGLE, 2-POINT FIXING

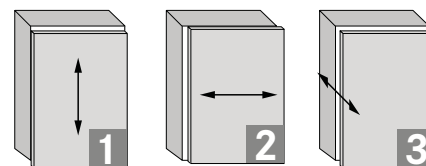
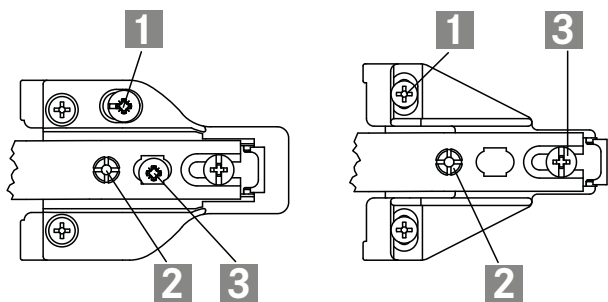
For Euro screws	X/32	Height	Item No.
<ul style="list-style-type: none"> <li>For 45° opening angle</li> <li>Zamak, nickel-plated</li> <li>Fixing with Euro screws</li> <li>Hole spacing 32 mm</li> <li>Height adjustment</li> </ul>		2	<b>F061073271</b>
		4	<b>F061073272</b>

#### 1D LINEAR MOUNTING PLATE, 2-POINT FIXING

For screw fixing	13.5/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with wood screws</li> <li>Height adjustment via a cam</li> </ul>		0	<b>F060073129</b>
		2	<b>F060073130</b>
		3	<b>F060073212</b>
		4	<b>F060073205</b>

#### 1D LINEAR MOUNTING PLATE, 2-POINT FIXING

For press fitting	13.5/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with 10 mm dowels</li> <li>Height adjustment via a cam</li> </ul>		0	<b>F060073136</b>
		2	<b>F060073137</b>
		3	<b>F060073210</b>
		4	<b>F060073138</b>



Height adjustment  
+/-2 mm

Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm

All adjustments can be carried out independently of each other.

## ORDER INFORMATION

### 2D SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

With pre-assembled wood screws	10/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with pre-assembled wood screws</li> <li>Height and depth adjustment via a cam</li> </ul>		0	<b>F06 1073283</b>
		2	<b>F06 1073284</b>
		4	<b>F06 1073285</b>

### 2D SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

For screw fixing	10/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with wood screws</li> <li>Height and depth adjustment via a cam</li> </ul>		0	<b>F06 1073279</b>
		2	<b>F06 1073280</b>
		4	<b>F06 1073281</b>

### SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

For screw fixing	10/36	Height	Item No.
<ul style="list-style-type: none"> <li>Zamak, nickel-plated</li> <li>Fixing with wood screws</li> <li>Height adjustment via slot</li> </ul>		0	<b>F06 1073275</b>
		2	<b>F06 1073276</b>
		4	<b>F06 1073277</b>

### 2-PART SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

For screw fixing		Height	Item No.
<ul style="list-style-type: none"> <li>For inset doors</li> <li>For hinges, cranking size 8</li> <li>Zamak, nickel-plated</li> <li>Fixing with wood screws</li> <li>Height adjustment</li> </ul>		2	<b>F06 1073278</b>

Tiomos

Nexis

Special hinges





Single-joint hinges

Cabinet making accessories



# NEXIS IMPRESSO

## Accessories


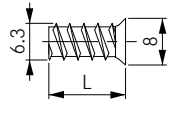

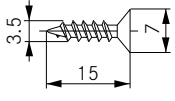
### COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0	On request	<b>F069073548</b>
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	<b>F069073669</b>
	Hinge arm cover cap, plastic, black, Soft-close compatible	-	-	<b>F069073534</b>

### OPENING ANGLE REDUCTION CLIPS

	Designation			Item No.
	85° opening angle reduction clip for 110° standard door hinge. Prevents the door from colliding with kitchen unit fronts or walls (when fitted at corners). Plastic, black			<b>F069135032</b>
	120° opening angle reduction clip for 170° wide-angle hinge. Prevents inset doors from colliding with the cabinet. Plastic, black			<b>F069073402</b>

### FIXING SCREWS

	Designation			Item No.
	Euro screw, nickel-plated, Ø 6.3 mm	L = 10.5		<b>F146073979</b>
		L = 13.5		<b>F069135297</b>
	Countersunk wood screw, nickel-plated, Ø 3.5 mm	L = 15		<b>F146073976</b>





# NEXIS IMPRESSO

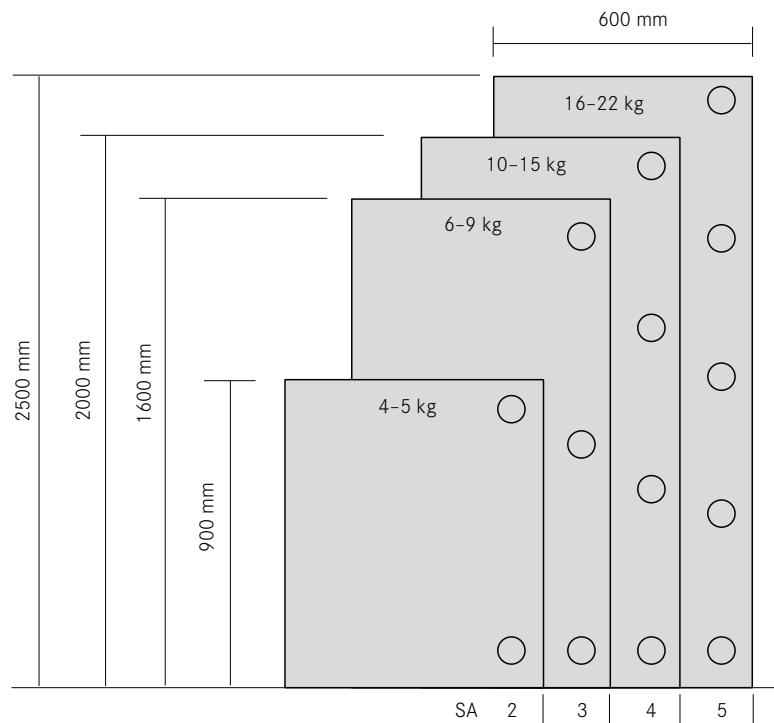
## Technical information

### NUMBER OF HINGES PER DOOR

#### Description

This is determined by the door height, door weight, quality of the material and the fixing of the cup and mounting plate. The load and height data refer to 600 mm standard door widths.

Hinges with Ø 26 mm housings have been tested with a door width of 450 mm. In case of doubt, the number of hinges should be determined with a trial fitting.



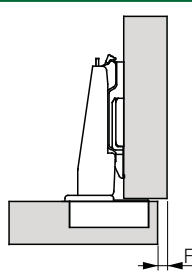
### DOOR REVEAL AND MINIMUM REVEAL

#### Description

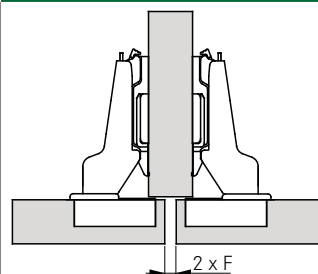
The reveal is the distance between two doors or between the door and the cabinet side wall.

The minimum reveal (F) is the clearance required between two doors or between door and side wall so that the door can open without hindrance.

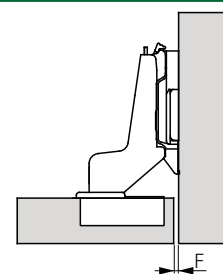
#### Full overlay door



#### Half overlay door



#### Inset door



#### Minimum reveal table

The width of reveal required depends on the thickness of the door.

#### Example:

For a **18 mm thick door** and a **cup distance of 6 mm** the reveal required is **0.2 mm**.

#### Important

The reveal width was calculated for doors with a radius of 1 mm! Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

Door thickness	Cup distance				Minimum reveal (F)
	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	

#### Achievable reveal with inset door

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

#### Example:

For a **cup distance of 4 mm** and a **mounting plate height of 3 mm** the reveal width is **1 mm**.

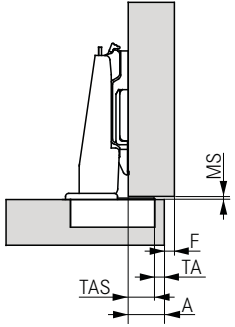
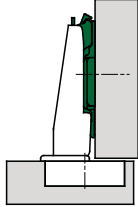
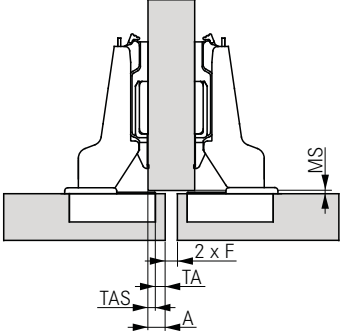
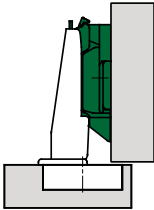
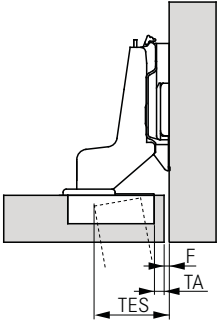
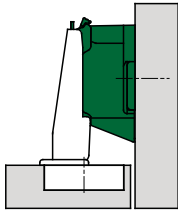
Door reveal	Cup distance				Mounting plate height
	3	4	5	6	
15					
0		2	3	4	
1	2	3	4		
2	3	4			



# NEXIS IMPRESSO

## Technical information

### OPTIONS FOR CHANGING THE DOOR OVERLAY

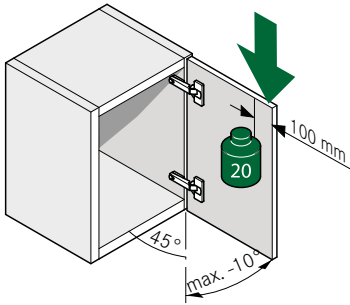
By selecting the cranking	By using a mounting plate with a different height
<p><b>Full overlay (cranking 0)</b></p> <p>The door overlay (A) is the cup overlay (TAS/factory setting) plus the cup distance (TA).</p> <p>The dimensions are shown in a table on the respective catalogue page.</p> 	<p><b>Full overlay</b></p> <p>Hinge with cranking size 0 and mounting plate height 0</p> 
<p><b>Half overlay (cranking 8)</b></p> <p>The door overlay (A) is the cup overlay (TAS/factory setting) plus the cup distance (TA).</p> <p>The dimensions are shown in a table on the respective catalogue page.</p> 	<p><b>Half overlay</b></p> <p>Hinge with cranking size 0 and mounting plate height 8</p> 
<p><b>Inset (cranking 15)</b></p> <p>There is no door overlay.</p> <p>The reveal (F) between the cabinet side wall and the door depends on the mounting plate height (MH) and the cup distance (TA).</p> <p>The dimensions are shown in a table on the respective catalogue page.</p> 	<p><b>Inset</b></p> <p>Hinge with cranking size 0 and mounting plate height 18</p> 

TEST CRITERIA FOR HINGES

Functional test

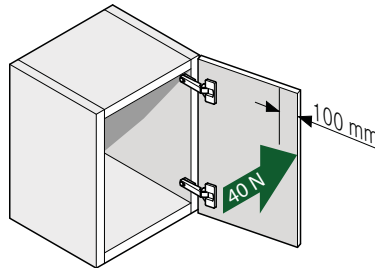
**Static load - vertical**

Additional load: 20 kg  
Opening angle: max. -10°  
Number: 10



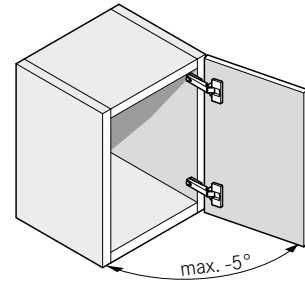
**Static load - horizontal**

Force: 40 N  
Number: 10



**Endurance test**

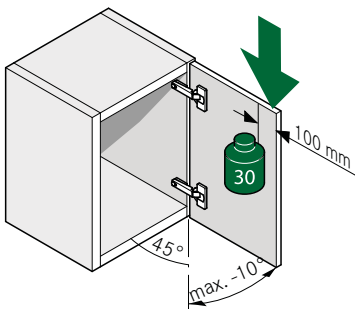
Opening angle: max. -5°  
Open and close movements: 100,000



Overload testing

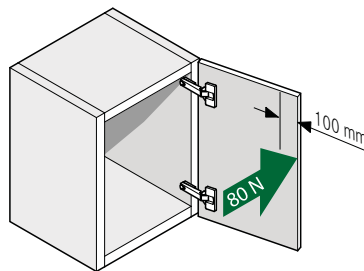
**Vertical**

Additional load: 30 kg  
Opening angle: max. -10°  
Number: 10



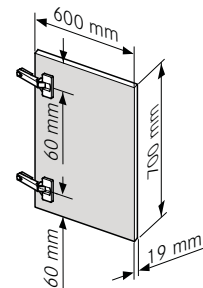
**Horizontal**

Force: 80 N  
Number: 10



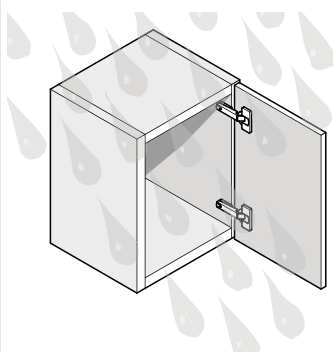
**Test door**

Weight approx. 5.2 kg



Salt spray and humidity test

Based on DIN ISO 9227 and DIN 6270-2



Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories



#### NEXIS CLICK-ON

The trick with the click makes it possible to fit furniture doors to cabinets quickly and, above all, without tools.

QUALITY CERTIFICATE  
**LGAI**

**The tried-and-tested standard range with efficient and fast Click-on installation technology.**

Reliable automatic hinges with opening angles from 95° to 170° for long-lasting everyday service. This series contains numerous hinges for special applications such as negative angles. Fixing to the door is carried out with screws or press-fit dowels.

**Click-on and ready: one click and the hinge engages audibly in the mounting plate.**

Nexis Click-on hinges are fixed to mounting plates. Installation is user-friendly and reliable. Just pressing down the hinge with the finger is enough to engage it in the mounting plate with an audible click. The hinge can be detached from the Click-on mounting plate simply by unlocking it.

# NEXIS CLICK-ON

Quick-fit hinges for numerous door applications; installation on the cabinet side with Click-on technology.

Opening angle	Product designation	Application	Full overlay	Half overlay	Inset	Soft-close compatible	Tipmatic compatible	Page
100°	Click-on 04		■	■	■	■	■	170
110°	Click-on 22		■	■	-	■	■	172
125°	Click-on 29		■	■	-	■	-	174
170°	Click-on 65	Wide-angle hinge	■	■	-	■	■	176
95°	Click-on 05	Profiled door hinge	■	■	■	■	■	178
95°	Click-on 10	Profiled door hinge	■	■	-	-	-	180
95°	Click-on 25	Profiled door hinge	■	■	■	-	-	182
95°	Click-on 05/20/6	+20° angle corner cabinet hinge	-	■	-	■	-	184
95°	Click-on 05/30/2	+30° angle corner cabinet hinge	-	■	-	■	-	186
95°	Click-on 05/30/16	+30° angle corner cabinet hinge	-	-	■	■	-	188
95°	Click-on 05/45/3	+45° angle corner cabinet hinge	-	-	■	■	■	190
95°	Click-on 05/45/8	+45° angle corner cabinet hinge	-	■	-	■	-	192
125°	Click-on 29/-14	-14° angle corner cabinet hinge	-	■	-	■	-	194
125°	Click-on 29/-24	-24° angle corner cabinet hinge	-	■	-	-	-	196
125°	Click-on 29/-45	-45° angle corner cabinet hinge	-	■	-	-	-	198
95°	Click-on 05/90/4	Blind corner hinge	-	-	■	■	■	200
-	Click-on PCC	Pie-cut corner hinge	-	-	■	-	-	202
95°	Click-on 17	Mini-hinge	■	■	■	■	-	204
95°	Click-on 17 AL	Aluminium frame hinge	■	■	■	■	-	206
95°	Click-on 17 Flexible	Aluminium frame hinge	■	■	■	-	-	208
95°	Click-on 17 GL	Glass door hinge	■	■	■	-	-	210
128°	Click-on 07 Mirro	Mirror and glass door hinge	■	■	■	■	■	212
128°	Click-on 07/-15 Mirro	Mirror and glass door hinge	■	■	■	■	■	214

Nexis Click-on mounting plates	216
Accessories	224
Technical information	226
Soft-close damping system	281
Tipmatic	293
Assembly aids	358

Tiomos

Nexis


































Special hinges








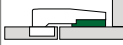

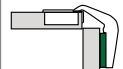
























Single-joint hinges

Cabinet making accessories

# NEXIS CLICK-ON

Quick-fit hinges for numerous door applications;  
installation on the cabinet side with Click-on technology.

Opening angle		Product description	Full overlay	Half overlay	Inset	Page
100°		<b>Nexis Click-on 04</b> <ul style="list-style-type: none"> <li>• Also suitable for soft-formed doors</li> <li>• Optimum reveals up to 24 mm door thickness</li> <li>• Soft-close compatible</li> </ul>				170
110°		<b>Nexis Click-on 22</b> <ul style="list-style-type: none"> <li>• 11 mm cup depth</li> <li>• Also suitable for soft-formed doors</li> <li>• Soft-close compatible</li> </ul>			-	172
125°		<b>Nexis Click-on 29</b> <ul style="list-style-type: none"> <li>• Convenient access to unit</li> <li>• Soft-close compatible</li> </ul>			-	174
170°		<b>Nexis Click-on 65</b> <ul style="list-style-type: none"> <li>• Also suitable for soft-formed doors</li> <li>• Zero protrusion</li> <li>• Soft-close compatible</li> </ul>			-	176
95°		<b>Nexis Click-on 05</b> <ul style="list-style-type: none"> <li>• Suitable for thick doors or profiled doors</li> <li>• Optimum reveals up to 30 mm door thickness</li> <li>• Soft-close compatible</li> </ul>				178
95°		<b>Nexis Click-on 10</b> <ul style="list-style-type: none"> <li>• From 13 mm door thickness</li> <li>• For profiled doors with 23 mm door overlay</li> </ul>			-	180
95°		<b>Nexis Click-on 25</b> <ul style="list-style-type: none"> <li>• Cup diameter 40 mm</li> <li>• For profiled and frame doors up to 36 mm thickness</li> <li>• Minimum reveals with thick doors</li> </ul>				182
95°		<b>Nexis Click-on 05/20/6</b> <ul style="list-style-type: none"> <li>• For 20° angled cabinets</li> <li>• Optimum reveals up to 30 mm door thickness</li> <li>• Soft-close compatible</li> </ul>	-		-	184
95°		<b>Nexis Click-on 05/30/2</b> <ul style="list-style-type: none"> <li>• For 30° angled cabinets</li> <li>• Optimum reveals up to 30 mm door thickness</li> <li>• Soft-close compatible</li> </ul>	-		-	186
95°		<b>Nexis Click-on 05/30/16</b> <ul style="list-style-type: none"> <li>• For 30° angled cabinets</li> <li>• Optimum reveals up to 30 mm door thickness</li> <li>• Soft-close compatible</li> </ul>	-	-		188
95°		<b>Nexis Click-on 05/45/3</b> <ul style="list-style-type: none"> <li>• For 45° corner and special applications</li> <li>• Optimum reveals up to 30 mm door thickness</li> <li>• Soft-close compatible</li> </ul>	-	-		190
95°		<b>Nexis Click-on 05/45/8</b> <ul style="list-style-type: none"> <li>• For 45° angled cabinets</li> <li>• Optimum reveals up to 30 mm door thickness</li> <li>• Soft-close compatible</li> </ul>	-		-	192

Opening angle		Product description	Full overlay	Half overlay	Inset	Page
125°		<b>Nexis Click-on 29/-14</b> <ul style="list-style-type: none"> <li>For -14° angled cabinets</li> <li>Ideal in kitchens and bathrooms</li> <li>Soft-close compatible</li> </ul>	-		-	194
125°		<b>Nexis Click-on 29/-24</b> <ul style="list-style-type: none"> <li>For -24° corner and special applications</li> <li>Ideal in kitchens and bathrooms</li> </ul>	-		-	196
125°		<b>Nexis Click-on 29/-45</b> <ul style="list-style-type: none"> <li>For -45° angled cabinets</li> <li>Ideal in kitchens and bathrooms</li> </ul>	-		-	198
95°		<b>Nexis Click-on 05/90/4</b> <ul style="list-style-type: none"> <li>For protruding posts</li> <li>Optimum reveals up to 30 mm door thickness</li> <li>Soft-close compatible</li> </ul>	-	-		200
-		<b>Nexis Click-on PCC</b> <ul style="list-style-type: none"> <li>Pie-cut corner hinge for corner applications</li> <li>For door thicknesses from 14 to 22 mm</li> <li>For connecting two corner cabinet doors</li> </ul>	-	-		202
95°		<b>Nexis Click-on 17</b> <ul style="list-style-type: none"> <li>Cup diameter 26 mm, ideal for frame doors</li> <li>Optimum reveals up to 19 mm</li> <li>Soft-close compatible</li> </ul>				204
95°		<b>Nexis Click-on 17 AL</b> <ul style="list-style-type: none"> <li>For aluminium frames up to 20 mm thickness</li> <li>Hinge fits flush with the profile</li> <li>Soft-close compatible</li> </ul>				206
95°		<b>Nexis Click-on 17 Flexible</b> <ul style="list-style-type: none"> <li>For aluminium profiles with open system grooves</li> <li>No milling of the profile required</li> <li>Use cam for fixing</li> </ul>				208
95°		<b>Nexis Click-on 17 GL</b> <ul style="list-style-type: none"> <li>For glass thicknesses from 4 to 6 mm</li> <li>Cup diameter 26 mm</li> <li>Ideal for display cabinets</li> </ul>				210
128°		<b>Nexis Click-on Mirro 07</b> <ul style="list-style-type: none"> <li>For mirror and glass door applications</li> <li>Fix to the door with adhesive</li> <li>Soft-close compatible</li> </ul>				212
128°		<b>Nexis Click-on Mirro 07/-15</b> <ul style="list-style-type: none"> <li>For -15° mirror and glass door applications</li> <li>Fix to the door with adhesive</li> <li>Soft-close compatible</li> </ul>	-			214
		<b>Nexis Click-on mounting plates</b>				216



# NEXIS CLICK-ON 04

100° hinge (Door thicknesses up to 24 mm)



- 100° opening angle
- Optimum reveals with door thicknesses up to 24 mm
- Soft-close compatible
- With shallow cup depth (11 mm) also suitable for soft-formed doors
- 3-dimensional adjustment with appropriate mounting plate

#### Available in 2 versions:

- With self-closing mechanism (spring)
- Without self-closing mechanism (spring) for use with Tipmatic

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	Click-on Press fitting
Full overlay		Steel, nickel-plated	Steel, nickel-plated	-2	■	<b>F015072739</b>	-
				0	■	<b>F015072722</b>	<b>F015072719</b>
Half overlay		Steel, nickel-plated	Steel, nickel-plated	8	■	<b>F015072729</b>	<b>F015072727</b>
					-	<b>F015072730</b>	-
Inset		Steel, nickel-plated	Steel, nickel-plated	15	■	<b>F015072736</b>	<b>F015072732</b>
					-	<b>F015072738</b>	-

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	-2/0	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	<b>F069073669</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Tipmatic Plus Click-on set	<b>F069073752</b>		Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Soft-close Click-on set	<b>F069073714</b>		Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>

Nexis Click-on mounting plates	216
Accessories	224

Soft-close Click-on	284
Tipmatic Plus Click-on	296

Technical information	226
Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		K-2/0		Half overlay		K8		Inset		K15		
Mounting plate height 2		Mounting plate height 2		Mounting plate height 4								
Door overlay	Cup distance					Door overlay	Cup distance					
	-2	3	4	5	6		0	8	3	4	5	6
	21				0		19	11				0
	20			0			18	10		0		
	19		0		2		17	9		0	2	
	18	0		2	3		16	8	0	2	3	
	17		2	3	4		15	7		2	3	4
	16	2	3	4			14	6	2	3	4	
	15	3	4				13	5	3	4		
	14	4					12					
Mounting plate height		Mounting plate height		Mounting plate height								

MINIMUM GAP

Door thickness	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	0.8	
24	0.5	0.5	0.5	1.1	
Minimum gap					

MINIMUM REVEAL

Door thickness	Cup distance				
	3	4	5	6	
16	0.6	0.6	0.6	0.6	
18	0.9	0.9	0.9	0.9	
19	1.1	1.1	1.1	1.1	
20	1.4	1.4	1.4	1.4	
22	1.9	1.9	1.9	1.9	
24	2.5	2.5	2.5	2.5	
Minimum reveal (F)					

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

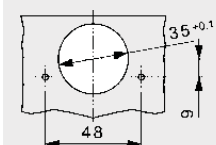
**Important:** Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

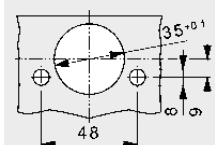
We recommend a trial fitting.

DRILLING PATTERNS

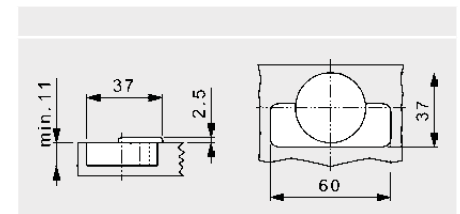
Screw fixing



Press fitting



CUP DIMENSIONS



# NEXIS CLICK-ON 22

110° hinge



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

#### Available in 2 versions:

- With self-closing mechanism (spring)
- Without self-closing mechanism (spring) for use with Tipmatic

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	Click-on Press fitting
Full overlay		Steel, nickel-plated	Steel, nickel-plated	0	■	<b>F015072811</b>	<b>F015072810</b>
					-	<b>F015072816</b>	-
Half overlay		Steel, nickel-plated	Steel, nickel-plated	8	■	<b>F015072818</b>	<b>F015072817</b>
					-	<b>F015072819</b>	-

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8	On request	<b>F069073669</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Tipmatic Plus Click-on set	<b>F069073752</b>		85° opening angle reduction clip plastic, black	<b>F069135032</b>
	Soft-close Click-on set	<b>F069073714</b>		Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>

Nexis Click-on mounting plates	216
Accessories	224

Soft-close Click-on	284
Tipmatic Plus Click-on	296

Technical information	226
Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		K0	Half overlay		K8								
Mounting plate height 2		Mounting plate height 2											
Door overlay	Cup distance					Door overlay	Cup distance						
	0	3	4	5	6		7	8	3	4	5	6	7
	20						0	12					0
	19				0			11			0		
	18			0			2	10		0			2
	17		0				3	9		0		2	3
	16	0		2	3		4	8	0		2	3	4
	15		2	3	4			7		2	3	4	
	14	2	3	4				6	2	3	4		
	13	3	4					5	3	4			
12	4					4	4						
Mounting plate height						Mounting plate height							

MINIMUM GAP

Door thickness	Cup distance				
	3	4	5	6	7
16	0.5	0.6	1.6	2.6	3.6
18	0.5	1.2	2.2	3.2	4.2
19	0.5	1.5	2.5	3.5	4.5
20	0.8	1.8	2.8	3.8	4.8
22	1.4	2.4	3.4	4.4	5.4
Minimum gap					

MINIMUM REVEAL

Door thickness	Cup distance				
	3	4	5	6	7
16	0.5	0.5	0.5	0.5	0.5
18	1.0	1.0	1.0	1.0	1.0
19	1.2	1.2	1.2	1.2	1.2
20	2.2	1.5	1.5	1.5	1.5
22	4.7	3.7	2.8	2.1	2.1
Minimum reveal (F)					

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

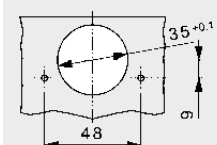
**Important:** Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

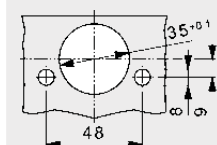
We recommend a trial fitting.

DRILLING PATTERNS

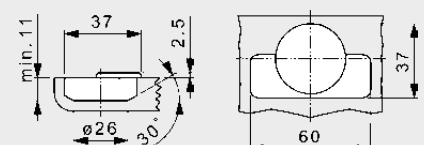
Screw fixing



Press fitting



CUP DIMENSIONS



# NEXIS CLICK-ON 29

125° hinge (Door thicknesses up to 19 mm)



- 125° opening angle
- Soft-close compatible
- Optimum reveals for door thicknesses up to 19 mm
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	Click-on Press fitting
Full overlay		Steel, nickel-plated	Steel, nickel-plated	0	■	<b>F015072827</b>	<b>F015072825</b>
Half overlay		Steel, nickel-plated	Steel, nickel-plated	8	■	<b>F015072832</b>	-

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8	On request	<b>F069073669</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Click-on set	<b>F069073714</b>		Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Nexis Click-on mounting plates	216
Accessories	224

Soft-close Click-on	284
Technical information	226

Assembly aids	358
---------------	-----

INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		K0	Half overlay		K8	
Mounting plate height 2			Mounting plate height 2			
Door overlay	Cup distance					
	0	3	4	5	6	
	19				0	
	18			0		
	17		0		2	
	16	0		2	3	
	15		2	3	4	
	14	2	3	4		
	13	3	4			
	12	4				
Mounting plate height						
Door overlay	Cup distance					
	8	3	4	5	6	
	9		0		2	
	8	0		2	3	
	7		2	3	4	
	6	2	3	4		
	5	3	4			
	4	4				
	Mounting plate height					

MINIMUM GAP

Door thickness	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
Minimum gap				

MINIMUM REVEAL

Door thickness	Cup distance			
	3	4	5	6
16	1.9	1.9	1.9	1.9
18	2.8	2.6	2.5	2.5
19	4.6	3.6	3.0	2.9
20	6.5	5.5	4.5	3.5
Minimum reveal (F)				

NOTES

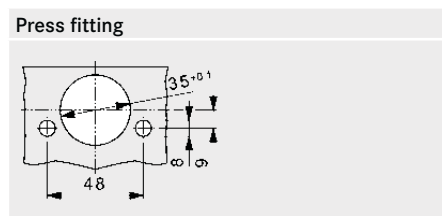
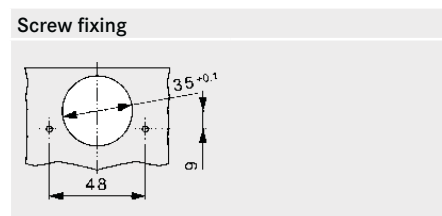
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

**Important:** Reveals were calculated for doors with a radius of 1 mm!

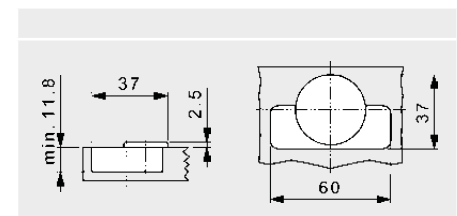
Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS



CUP DIMENSIONS



# NEXIS CLICK-ON 65

170° wide-angle hinge (Door thicknesses up to 26 mm)



- 170° opening angle
- Soft-close compatible
- Optimum reveals for door thicknesses up to 26 mm
- With shallow cup depth (11 mm) also suitable for soft-formed doors
- Zero protrusion with door open 90°
- Finger guard
- 3-dimensional adjustment with appropriate mounting plate

#### Available in 2 versions:

- With self-closing mechanism (spring)
- Without self-closing mechanism (spring) for use with Tipmatic

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	Click-on Press fitting
Full overlay		Zamak, nickel-plated	Zamak, nickel-plated	0	■	<b>F015072842</b>	<b>F015072840</b>
					-	<b>F015072843</b>	-
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated	8	■	<b>F015072845</b>	<b>F015072844</b>
					-	<b>F015072846</b>	-

## ACCESSORIES

	Designation	Item No.
	170° Tipmatic Plus set	<b>F069135019</b>
	170° Soft-close	<b>F069073729</b>

	Designation	Item No.
	120° opening angle reduction clip, plastic, black	<b>F069073402</b>
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>

Nexis Click-on mounting plates	216
Accessories	224

Soft-close Click-on	284
Tipmatic Plus Click-on	296

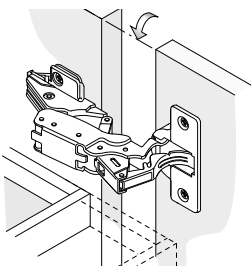
Technical information	226
Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay	K0	Half overlay	K8	Inset	K0	Mitred application	K0																																																																																																																																																																																																						
<p>Mounting plate height 2</p> <table border="1"> <thead> <tr> <th rowspan="2">Door overlay</th> <th colspan="7">Cup distance</th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8</th> <th></th> </tr> </thead> <tbody> <tr><td>21</td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td></tr> <tr><td>20</td><td></td><td></td><td></td><td></td><td></td><td>0</td><td></td></tr> <tr><td>19</td><td></td><td></td><td></td><td></td><td>0</td><td></td><td>2</td></tr> <tr><td>18</td><td></td><td></td><td>0</td><td></td><td>2</td><td></td><td>3</td></tr> <tr><td>17</td><td></td><td>0</td><td></td><td>2</td><td>3</td><td></td><td>4</td></tr> <tr><td>16</td><td>0</td><td></td><td>2</td><td>3</td><td>4</td><td></td><td></td></tr> <tr><td>15</td><td></td><td>2</td><td>3</td><td>4</td><td></td><td></td><td></td></tr> <tr><td>14</td><td>2</td><td>3</td><td>4</td><td></td><td></td><td></td><td></td></tr> <tr><td>13</td><td>3</td><td>4</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>12</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td></td> <td colspan="7">Mounting plate height</td> </tr> </tbody> </table>		Door overlay	Cup distance							3	4	5	6	7	8		21							0	20						0		19					0		2	18			0		2		3	17		0		2	3		4	16	0		2	3	4			15		2	3	4				14	2	3	4					13	3	4						12	4								Mounting plate height							<p>Mounting plate height 2</p> <table border="1"> <thead> <tr> <th rowspan="2">Door overlay</th> <th colspan="7">Cup distance</th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8</th> <th></th> </tr> </thead> <tbody> <tr><td>13</td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td></tr> <tr><td>12</td><td></td><td></td><td></td><td></td><td></td><td>0</td><td></td></tr> <tr><td>11</td><td></td><td></td><td></td><td></td><td>0</td><td></td><td>2</td></tr> <tr><td>10</td><td></td><td></td><td>0</td><td></td><td>2</td><td></td><td>3</td></tr> <tr><td>9</td><td></td><td>0</td><td></td><td>2</td><td>3</td><td></td><td>4</td></tr> <tr><td>8</td><td>0</td><td></td><td>2</td><td>3</td><td>4</td><td></td><td></td></tr> <tr><td>7</td><td></td><td>2</td><td>3</td><td>4</td><td></td><td></td><td></td></tr> <tr><td>6</td><td>2</td><td>3</td><td>4</td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td>3</td><td>4</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td></td> <td colspan="7">Mounting plate height</td> </tr> </tbody> </table>		Door overlay	Cup distance							3	4	5	6	7	8		13							0	12						0		11					0		2	10			0		2		3	9		0		2	3		4	8	0		2	3	4			7		2	3	4				6	2	3	4					5	3	4							Mounting plate height							<p>Inset application</p> <p>With 0 cranking, cup distance 3 mm and mounting plate height 18, an inset application is achieved.</p> <p>Use 120° opening angle reduction clip.</p>		<p>Mitred application</p> <p>With 0 cranking, cup distance 3 mm and mounting plate height 18, a mitred application can be achieved.</p> <p>Use 120° opening angle reduction clip.</p>	
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ZERO PROTRUSION



Zero protrusion for use with inset drawers.

With 0 cranking and mounting plate height 0, the door will be flush with the cabinet at 90°.

MINIMUM GAP

Door thickness	Cup distance						
	3	4	5	6	8	10	
16	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
19	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
22	0.0	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	0.0
24	0.0	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	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Minimum gap						

MINIMUM REVEAL

Door thickness	Cup distance						
	3	4	5	6	7	8	
16	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
19	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
22	0.0	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	0.0
24	0.0	0.0	0.0	0.5	1.8	2.0	
25	6.5	6.5	6.0	5.5	4.8	4.0	
26	10.5	9.5	8.5	7.5	6.5	5.5	
	Minimum reveal (F)						

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

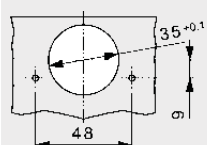
**Important:** Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

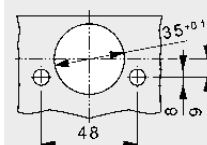
We recommend a trial fitting.

DRILLING PATTERNS

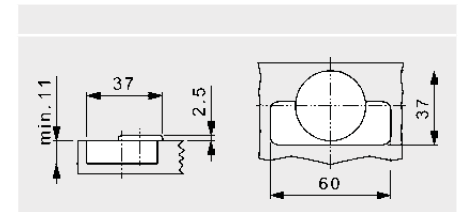
Screw fixing



Press fitting



CUP DIMENSIONS





# NEXIS CLICK-ON 05

95° profiled door hinge (Door thicknesses up to 30 mm)



- 95° opening angle
- Minimum reveals with thick doors
- Soft-close compatible
- Optimum reveals for door thicknesses up to 26 mm
- 3-dimensional adjustment with appropriate mounting plate

#### Available in 2 versions:

- With self-closing mechanism (spring)
- Without self-closing mechanism (spring) for use with Tipmatic

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	Click-on Press fitting
Full overlay		Steel, nickel-plated	Steel, nickel-plated	0	■	<b>F015072742</b>	<b>F015072741</b>
					-	<b>F015072743</b>	-
Half overlay		Steel, nickel-plated	Steel, nickel-plated	8	■	<b>F015072760</b>	-
					-	<b>F015072762</b>	-
Inset		Steel, nickel-plated	Steel, nickel-plated	15	■	<b>F015072768</b>	<b>F015072767</b>
					-	<b>F015072770</b>	-

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	<b>F069073669</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Tipmatic Plus Click-on set	<b>F069073752</b>		Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Soft-close Click-on set	<b>F069073714</b>		Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>

Nexis Click-on mounting plates	216
Accessories	224

Soft-close Click-on	284
Tipmatic Plus Click-on	296

Technical information	226
Assembly aids	358

### INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay	K0	Half overlay	K8	Inset	K15																																																																																																							
<p>Mounting plate height 2</p> <table border="1"> <tr> <th rowspan="2">Door overlay</th> <th colspan="5">Cup distance</th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th></th> </tr> <tr><td>19</td><td></td><td></td><td></td><td>0</td><td></td></tr> <tr><td>18</td><td></td><td></td><td>0</td><td></td><td></td></tr> <tr><td>17</td><td></td><td>0</td><td></td><td>2</td><td></td></tr> <tr><td>16</td><td>0</td><td></td><td>2</td><td>3</td><td></td></tr> <tr><td>15</td><td></td><td>2</td><td>3</td><td>4</td><td></td></tr> <tr><td>14</td><td>2</td><td>3</td><td>4</td><td></td><td></td></tr> <tr><td>13</td><td>3</td><td>4</td><td></td><td></td><td></td></tr> <tr><td>12</td><td>4</td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td colspan="2">Mounting plate height</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		Door overlay	Cup distance					3	4	5	6		19				0		18			0			17		0		2		16	0		2	3		15		2	3	4		14	2	3	4			13	3	4				12	4																																															Mounting plate height					
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Mounting plate height																																																																																																												

 Mounting plate height 2   | Door overlay          | Cup distance |   |   |   |  | |-----------------------|--------------|---|---|---|--| |                       | 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            |   |   |   |  | |                       |              |   |   |   |  | |                       |              |   |   |   |  | |                       |              |   |   |   |  | |                       |              |   |   |   |  | |                       |              |   |   |   |  | |                       |              |   |   |   |  | |                       |              |   |   |   |  | | Mounting plate height |              |   |   |   |  | | | Mounting plate height 4   | Door reveal           | Cup distance |   |   |   |  | |-----------------------|--------------|---|---|---|--| |                       | 3            | 4 | 5 | 6 |  | | 0                     |              | 2 | 3 | 4 |  | | 1                     | 2            | 3 | 4 |   |  | | 2                     | 3            | 4 |   |   |  | |                       |              |   |   |   |  | |                       |              |   |   |   |  | |                       |              |   |   |   |  | |                       |              |   |   |   |  | |                       |              |   |   |   |  | |                       |              |   |   |   |  | |                       |              |   |   |   |  | |                       |              |   |   |   |  | |                       |              |   |   |   |  | |                       |              |   |   |   |  | |                       |              |   |   |   |  | | Mounting plate height |              |   |   |   |  | | |

### MINIMUM GAP

Door thickness	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	0.5	0.5	0.5	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					

### MINIMUM REVEAL

Door thickness	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	
Minimum reveal (F)					

### NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

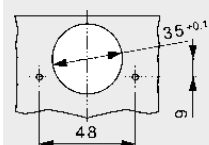
**Important:** Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

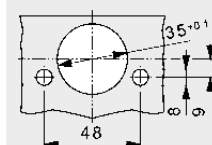
We recommend a trial fitting.

### DRILLING PATTERNS

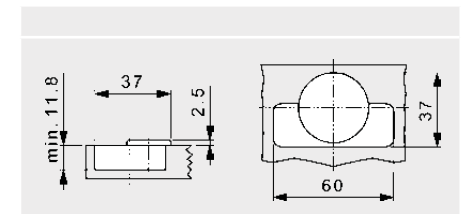
#### Screw fixing



#### Press fitting



### CUP DIMENSIONS



# NEXIS CLICK-ON 10

95° profiled door hinge (Door thicknesses from 13 mm)



- 95° opening angle
- Minimum reveals with thick doors
- Extremely shallow cup depth (10.5 mm) for door thicknesses from 13 mm
- Perfect for profiled doors, up to 23 mm door overlay
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Full overlay		Zamak, nickel-plated	Steel, nickel-plated	0	■	<b>F015072792</b>	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated	8	■	<b>F015072793</b>	

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8	On request	<b>F069073669</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>		Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Nexis Click-on mounting plates	216
Accessories	224

Soft-close Pin	290
Technical information	226

Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		K0	Half overlay		K8
Mounting plate height 2			Mounting plate height 2		
Door overlay	Cup distance		Door overlay	Cup distance	
	0	3 4 5 6 7 8 9 10		8	3 4 5 6 7 8 9 10
	23			15	
	22			14	
	21			13	
	20			12	
	19			11	
	18			10	
	17			9	
	16			8	
	15			7	
14		6			
Mounting plate height			Mounting plate height		

MINIMUM GAP

Door thickness	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								

MINIMUM REVEAL

Door thickness	Cup distance								
	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			
Minimum reveal (F)									

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

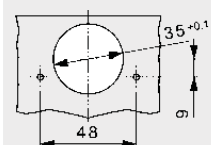
**Important:** Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

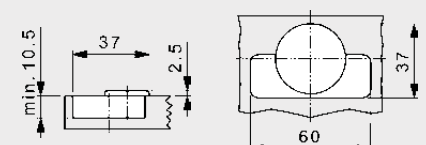
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



# NEXIS CLICK-ON 25

95° profiled door hinge (Door thicknesses up to 36 mm)



- 95° opening angle
- Minimum reveals with thick doors
- Hinge cup with Ø 40 mm
- For thick profiled and frame doors up to 36 mm thickness
- Special spring mechanism ensures excellent closing force – also in the case of large doors thanks to special spring mechanism
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Full overlay		Steel, nickel-plated	Zamak, nickel-plated	0	■	<b>F015072820</b>	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated	8	■	<b>F015072822</b>	
Inset		Steel, nickel-plated	Zamak, nickel-plated	15	■	<b>F015072823</b>	

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	<b>F069073669</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>			
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Nexis Click-on mounting plates	216
Accessories	224

Soft-close Pin	290
Technical information	226

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		K0	Half overlay		K8	Inset		K15			
Mounting plate height 2			Mounting plate height 2			Mounting plate height 4					
Door overlay	Cup distance										
	0	3	4	5	6	7	8	9	10	11	
	23								0		
	22							0	2		
	21						0		2	3	
	20					0			2	3	4
	19				0		2	3	4		
	18			0		2	3	4			
	17		0		2	3	4				
	16	0		2	3	4					
	15		2	3	4						
14	2	3	4								
13	3	4									
Mounting plate height											
Door overlay	Cup distance										
	8	3	4	5	6	7	8	9	10	11	
	15								0		
	14							0	2		
	13						0		2	3	
	12					0		2	3	4	
	11				0		2	3	4		
	10			0		2	3	4			
	9		0		2	3	4				
	8	0		2	3	4					
	7		2	3	4						
6	2	3	4								
5	3	4									
Mounting plate height											
Door reveal	Cup distance										
	15	3	4	5	6						
	0		2	3	4						
	1		2	3	4						
	2		3	4							
Mounting plate height											

MINIMUM GAP

Door thickness	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									

MINIMUM REVEAL

Door thickness	Cup distance								
	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			
34	4.2	3.1	2.3	1.6	1.4	1.4			
36	6.5	5.2	4.2	3.5	2.2	1.7			
Minimum reveal (F)									

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

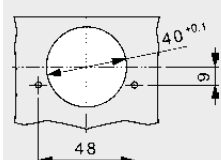
**Important:** Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

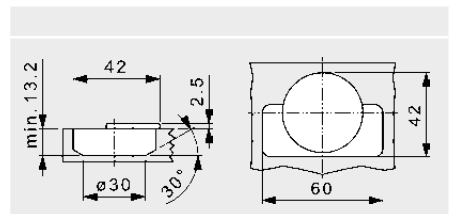
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



# NEXIS CLICK-ON 05/20/6

+20° angle corner hinge (Door thicknesses up to 30 mm)



- For 20° angled cabinets
- 95° opening angle
- Optimum reveals for door thicknesses up to 30 mm
- Soft-close compatible
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F015072754</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>		Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Soft-close Click-on set	<b>F069073714</b>		Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>

Nexis Click-on mounting plates	216
Accessories	224

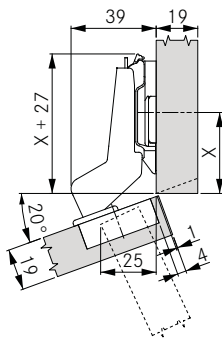
Soft-close Click-on	284
Technical information	226

Assembly aids	358
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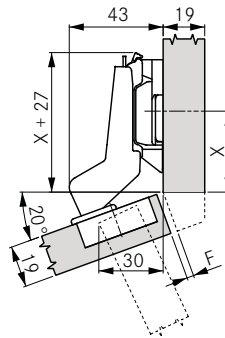
INSTALLATION INFORMATION

All dimensions in millimetres

Half overlay

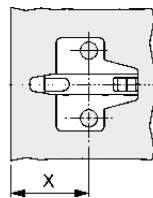


Mounting plate height 4



Mounting plate height 8

Door overlay	Cup distance				Mounting plate height
	3	4	5	6	
7				0	
6			0		
5		0		2	
4	0		2	3	
3		2	3	4	
2	2	3	4		
1	3	4			



X	Mounting plate height				Mounting plate position
	0	2	3	4	
X	38.5	37.5	37.5	37.0	

MINIMUM GAP

Door thickness	Cup distance				Minimum gap
	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	0.5	0.5	0.5	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 REVEAL

Door thickness	Cup distance				Minimum reveal (F)
	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	

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

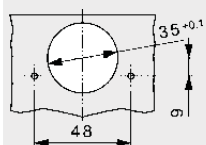
**Important:** Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

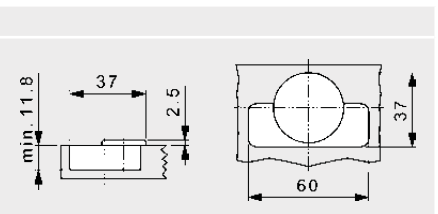
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS





# NEXIS CLICK-ON 05/30/2

+30° angle corner hinge (Door thicknesses up to 30 mm)



- For 30° angled cabinets
- 95° opening angle
- Optimum reveals for door thicknesses up to 30 mm
- Soft-close compatible
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F015072747</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>		Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Soft-close Click-on set	<b>F069073714</b>		Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>

Nexis Click-on mounting plates	216
Accessories	224

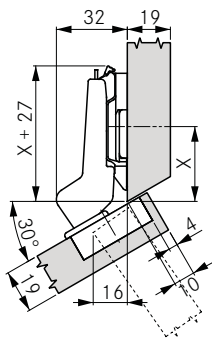
Soft-close Click-on	284
Technical information	226

Assembly aids	358
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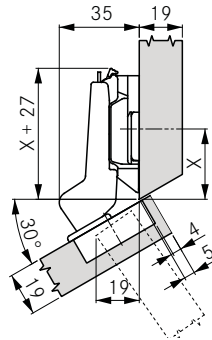
INSTALLATION INFORMATION

All dimensions in millimetres

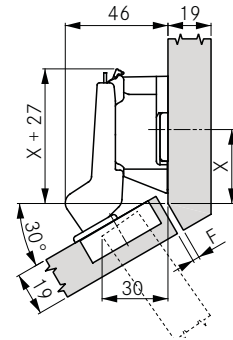
Half overlay



Mounting plate height 4

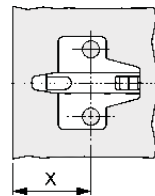


Mounting plate height 8



Mounting plate height 18

Door overlay	Cup distance				Mounting plate height
	3	4	5	6	
16				0	
15			0		
14		0		2	
13	0		2	3	
12		2	3	4	
11	2	3	4		
10	3	4			
9	4				



X	Mounting plate height				
	0	2	3	4	8
X	35.0	34.0	33.5	33.0	31.0

Mounting plate position

MINIMUM GAP

Door thickness	Cup distance				Minimum gap
	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 REVEAL

Door thickness	Cup distance				Minimum reveal (F)
	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	

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

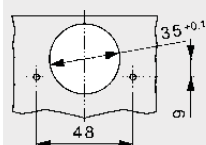
**Important:** Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

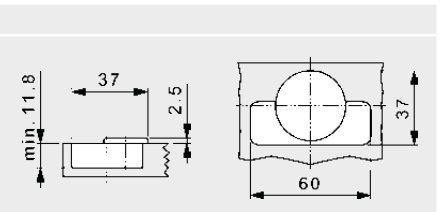
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



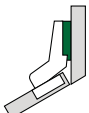
# NEXIS CLICK-ON 05/30/16

+30° angle corner hinge (Door thicknesses up to 30 mm)




- For 30° angled cabinets
- 95° opening angle
- Optimum reveals for door thicknesses up to 30 mm
- Soft-close compatible
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate





## ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Inset		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F015072771</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>		Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Soft-close Click-on set	<b>F069073714</b>		Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>

Nexis Click-on mounting plates	216
Accessories	224

Soft-close Click-on	284
Technical information	226

Assembly aids	358
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### INSTALLATION INFORMATION

All dimensions in millimetres

Inset

Mounting plate height 4

		Cup distance					
		3	4	5	6		
Minimum reveal (F)	0		2	3	4		
	1	2	3	4			
	2	3	4				

		Door thickness				
		16	17	18	19	
X	53.0	54.0	55.0	56.0		

Mounting plate position

### MINIMUM REVEAL

		Cup distance					
		3	4	5	6		
Door thickness	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		

Minimum reveal (F)

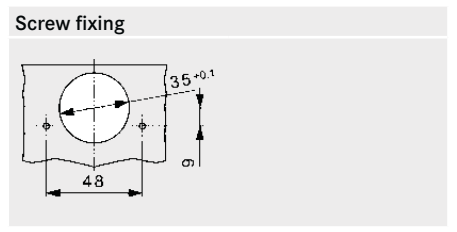
### NOTES

**Important:** Reveals were calculated for doors with a radius of 1 mm!

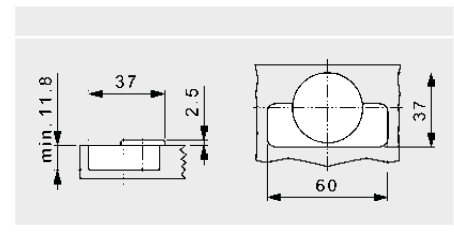
Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

### DRILLING PATTERNS



### CUP DIMENSIONS



# NEXIS CLICK-ON 05/45/3

+45° angle corner hinge (Door thicknesses up to 30 mm)

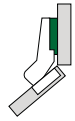


- For 45° angled cabinets
- 95° opening angle
- Optimum reveals for door thicknesses up to 30 mm
- Soft-close compatible
- 3-dimensional adjustment with appropriate mounting plate


#### Available in 2 versions:

- With self-closing mechanism (spring)
- Without self-closing mechanism (spring) for use with Tipmatic





## ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Inset		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F015072751</b>	
					-	<b>F015072752</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Tipmatic Plus Click-on set	<b>F069073752</b>		Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Soft-close Click-on set	<b>F069073714</b>		Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>

Nexis Click-on mounting plates	216
Accessories	224

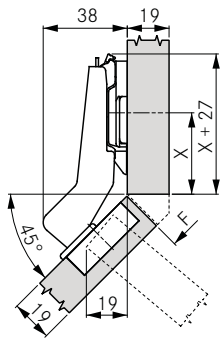
Soft-close Click-on	284
Tipmatic Plus Click-on	296

Technical information	226
Assembly aids	358

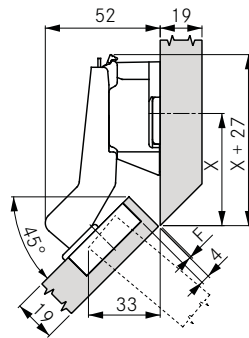
INSTALLATION INFORMATION

All dimensions in millimetres

Inset

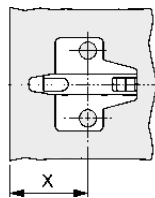


Mounting plate height 4



Mounting plate height 18

Cup distance	3	4	5	6		
			2	3	4	
Mounting plate height						



Mounting plate height	2	3	4		
X	37.0	37.0	37.0		
Mounting plate position					

MINIMUM REVEAL

Door thickness	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		
Minimum reveal (F)						

NOTES

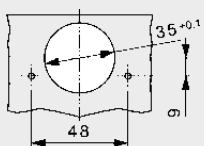
**Important:** Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

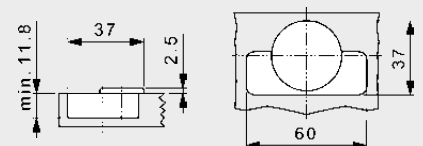
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



Timos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

# NEXIS CLICK-ON 05/45/8

+45° angle corner hinge (Door thicknesses up to 30 mm)



- For 45° angled cabinets
- 95° opening angle
- Optimum reveals for door thicknesses up to 30 mm
- Soft-close compatible
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F015072757</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>		Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Soft-close Click-on set	<b>F069073714</b>		Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>

Nexis Click-on mounting plates	216
Accessories	224

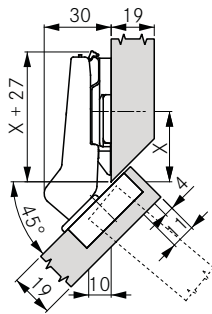
Soft-close Click-on	284
Technical information	226

Assembly aids	358
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INSTALLATION INFORMATION

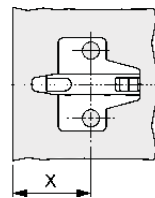
All dimensions in millimetres

Half overlay



Mounting plate height 4

Door overlay max.	Cup distance				Mounting plate height
	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				



X	Mounting plate height				Mounting plate position
	0	2	3	4	
	35.0	33.0	32.0	31.0	

MINIMUM GAP

Door thickness	Cup distance				Minimum gap
	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 REVEAL

Door thickness	Cup distance				Minimum reveal (F)
	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	

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

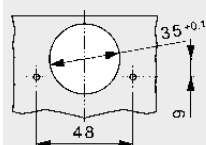
**Important:** Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

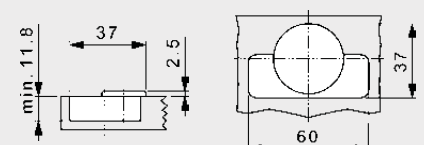
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS





# NEXIS CLICK-ON 29/-14

-14° angle corner cabinet hinge



- For 14° negative angled cabinets
- 125° opening angle
- Soft-close compatible
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F015072834</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, plastic, black, Soft-close compatible	-	<b>F069073534</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>		Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Soft-close Click-on set	<b>F069073714</b>		Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>

Nexis Click-on mounting plates	216
Accessories	224

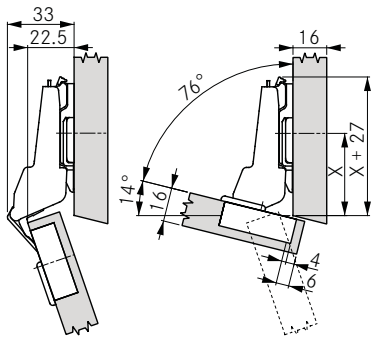
Soft-close Click-on	284
Technical information	226

Assembly aids	358
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INSTALLATION INFORMATION

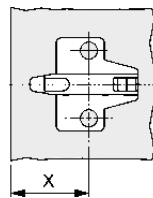
All dimensions in millimetres

Half overlay



Mounting plate height 2

Door overlay	Cup distance				Mounting plate height
	3	4	5	6	
10				0	
9			0		
8		0		2	
7	0		2	3	
6		2	3	4	
5	2	3	4		
4	3	4			
3	4				



Mounting plate height	Mounting plate position			
	0	2	3	4
X	38.5	39.0	39.0	39.5

MINIMUM GAP

Door thickness	Cup distance				Minimum gap
	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	

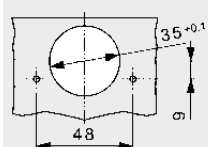
NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

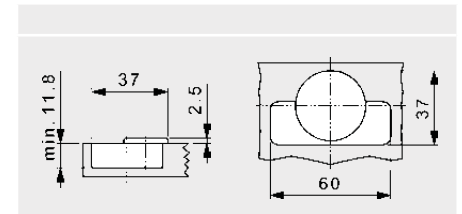
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



# NEXIS CLICK-ON 29/-24

-24° angle corner cabinet hinge



- For 24° negative angled cabinets
- 125° opening angle
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F015072829</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>		Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Nexis Click-on mounting plates	216
Accessories	224

Soft-close Pin	290
Technical information	226

Assembly aids	358
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# NEXIS CLICK-ON 29/-45

-45° angle corner cabinet hinge



- For 45° negative angled cabinets
- 125° opening angle
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F015072835</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>		Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Nexis Click-on mounting plates	216
Accessories	224

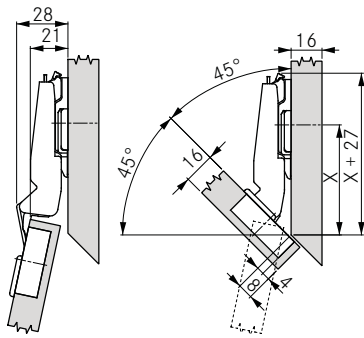
Soft-close Pin	290
Technical information	226

Assembly aids	358
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INSTALLATION INFORMATION

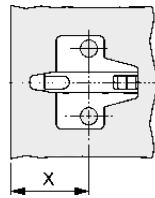
All dimensions in millimetres

Half overlay



Mounting plate height 2

Door overlay	Cup distance				Mounting plate height
	3	4	5	6	
12				0	
11			0		
10		0		2	
9	0		2	3	
8		2	3	4	
7	2	3	4		
6	3	4			
5	4				



X	Mounting plate height				Mounting plate position
	0	2	3	4	
X	55.0	57.0	58.0	59.0	

MINIMUM GAP

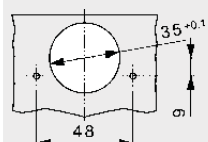
Door thickness	Cup distance				Minimum gap
	3	4	5	6	
16	0.5	1.0	1.8	2.6	
18	1.3	2.1	2.9	3.7	
19	1.9	2.7	3.5	4.3	
20	2.4	3.2	4.0	4.8	

NOTE

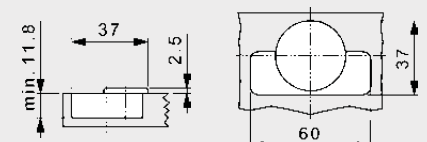
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



# NEXIS CLICK-ON 05/90/4

95° blind corner hinge (Door thicknesses up to 30 mm)

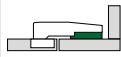


- For direct mounting on protruding post
- 95° opening angle
- Optimum reveals for door thicknesses up to 30 mm
- Soft-close compatible
- 3-dimensional adjustment with appropriate mounting plate


#### Available in 2 versions:

- With self-closing mechanism (spring)
- Without self-closing mechanism (spring) for use with Tipmatic





## ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	Click-on Press fitting
Inset		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F015072788</b>	<b>F015072787</b>
					-	<b>F015072789</b>	-

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Tipmatic Plus Click-on set	<b>F069073752</b>		Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Soft-close Click-on set	<b>F069073714</b>		Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>

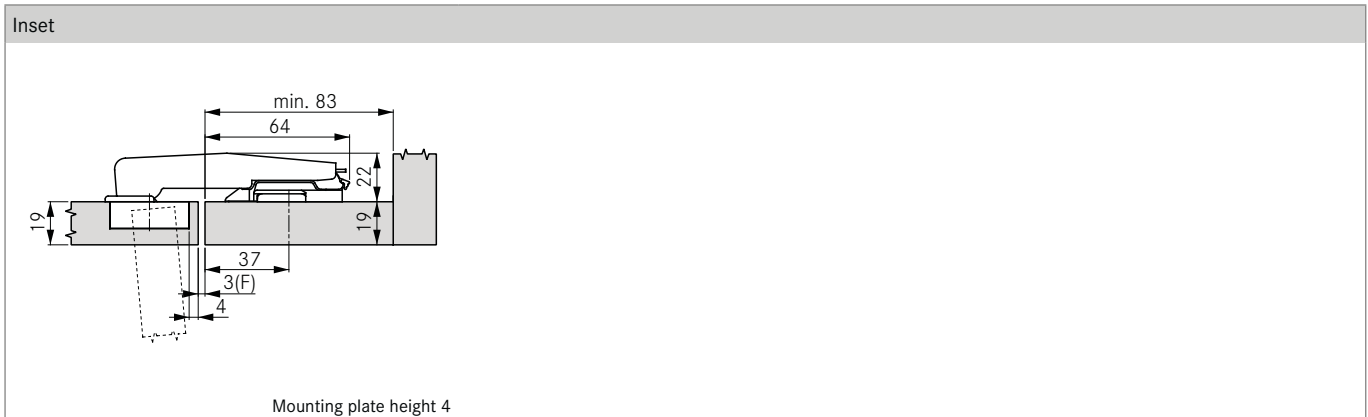
Nexis Click-on mounting plates	216
Accessories	224

Soft-close Click-on	284
Tipmatic Plus Click-on	296

Technical information	226
Assembly aids	358

## INSTALLATION INFORMATION

All dimensions in millimetres



## MINIMUM REVEAL

	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			
	Minimum reveal (F)						

## NOTES

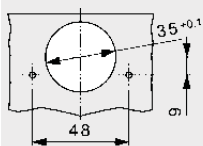
Important: Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

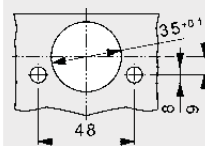
We recommend a trial fitting.

## DRILLING PATTERNS

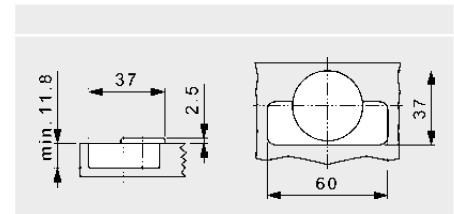
### Screw fixing



### Press fitting



## CUP DIMENSIONS





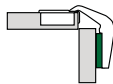
# NEXIS CLICK-ON PCC

Pie-cut corner hinge (for corner fitting)




- For connecting two corner cabinet doors
- For door thicknesses of 14-22 mm
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate


## ORDER INFORMATION

		Material			with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
		Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F015072858</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

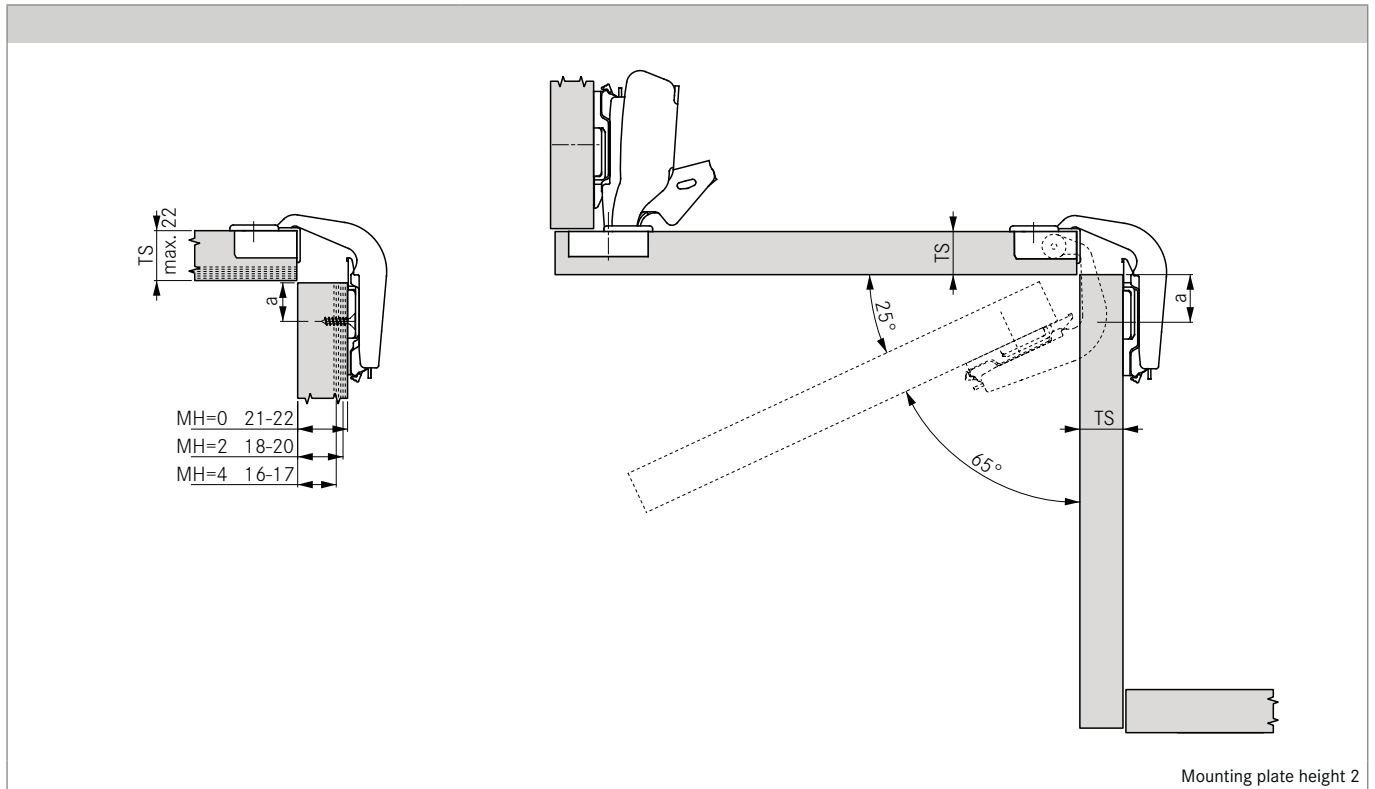
	Designation	Item No.		Designation	Item No.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Nexis Click-on mounting plates	216
Accessories	224

Technical information	226
Assembly aids	358


INSTALLATION INFORMATION

All dimensions in millimetres



DISTANCE TABLE

	Mounting plate height			
	0	2	4	
16			25	
17			24	
18		22		
19		21		
20		20		
21	18			
22	17			
	Distance (a)			

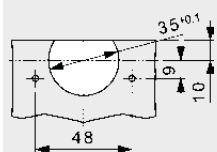
NOTES

Hinge dimensions and reveal calculation with factory setting.

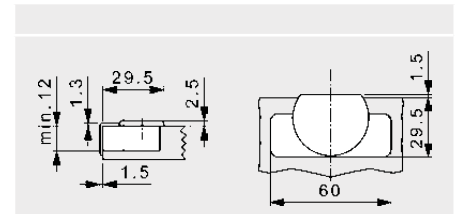
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



# NEXIS CLICK-ON 17

95° hinge (Door thicknesses up to 19 mm)



- 95° opening angle
- Optimum reveals with door thicknesses up to 19 mm
- Suitable for small doors and doors with narrow frames
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Full overlay		Steel, nickel-plated	Steel, nickel-plated	0	■	<b>F015072795</b>	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated	8	■	<b>F015072798</b>	

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0/8	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	15	On request	<b>F069073669</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>			
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Nexis Click-on mounting plates	216
Accessories	224

Technical information	226
Assembly aids	358


INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		K0	Half overlay		K8	
Mounting plate height 2			Mounting plate height 2			
Door overlay	Cup distance					
	0	3	4	5	6	
	19				0	
	18			0		
	17		0		2	
	16	0		2	3	
	15		2	3	4	
	14	2	3	4		
	13	3	4			
	12	4				
Mounting plate height						
Door overlay	Cup distance					
	8	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				
Mounting plate height						

MINIMUM GAP

Door thickness	Cup distance				
	3	4	5	6	
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	0.0	0.2	
Minimum gap					

MINIMUM REVEAL

Door thickness	Cup distance				
	3	4	5	6	
16	1.0	1.0	1.0	1.0	
18	1.7	1.6	1.5	1.5	
19	2.7	2.5	2.2	2.2	
20	3.4	2.9	2.5	2.3	
22	5.2	4.6	4.1	3.7	
Minimum reveal (F)					

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

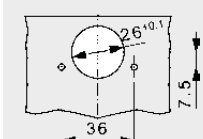
**Important:** Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

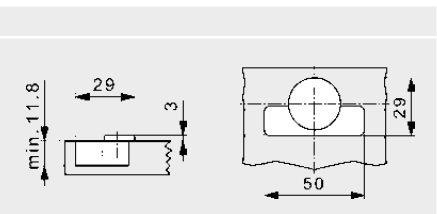
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



# NEXIS CLICK-ON 17 AL

95° aluminium frame hinge (Aluminium frame up to 20 mm)



- 95° opening angle
- Optimum reveals with aluminium frames up to 20 mm
- Hinge fits flush with the milled aluminium profile
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Full overlay		Zamak, nickel-plated	Steel, nickel-plated	0	■	<b>F015072796</b>	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated	8	■	<b>F015072799</b>	
Inset		Zamak, nickel-plated	Zamak, nickel-plated	15	■	<b>F015072965</b>	

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0/8	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	15	On request	<b>F069073669</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>			
	M 3 x 6 screw	<b>F069073405</b>			

Nexis Click-on mounting plates	216
Accessories	224

Technical information	226
Assembly aids	358


INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		K0	Half overlay		K8	Inset		K15
<p>Mounting plate height 2</p>			<p>Mounting plate height 4</p>			<p>Mounting plate height 4</p>		
Door overlay	0		8		15			
	17	2	11	0	1	4		
	16	3	9	2				
	15	4	8	3				
			7	4				
Mounting plate height			Mounting plate height			Mounting plate height		

INSTALLATION DIMENSIONS

Hinge dimensions and reveal calculation with factory setting

Fixing screws are not supplied

# NEXIS CLICK-ON 17 FLEXIBLE

95° aluminium frame hinge



- 95° opening angle
- For aluminium profiles with open grooves
- No milling of the profile required
- Simply insert the hinge into the groove; flexible positioning
- Use cam for fixing
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Full overlay		Zamak, nickel-plated	Steel, nickel-plated	0	■	<b>F015072797</b>	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated	8	■	<b>F015072800</b>	
Inset		Zamak, nickel-plated	Zamak, nickel-plated	15	■	<b>F015072801</b>	

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0/8	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	15	On request	<b>F069073669</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>		Corner connector for maximum door size 50 x 90 cm	<b>F069073433</b>
	Al. profile set, anodised, incl. seal	<b>F069073434</b>		Corner connector, long, for max. door size 60 x 90 cm	<b>F069135174</b>

Nexis Click-on mounting plates	216
Accessories	224

Soft-close Pin	290
Technical information	226

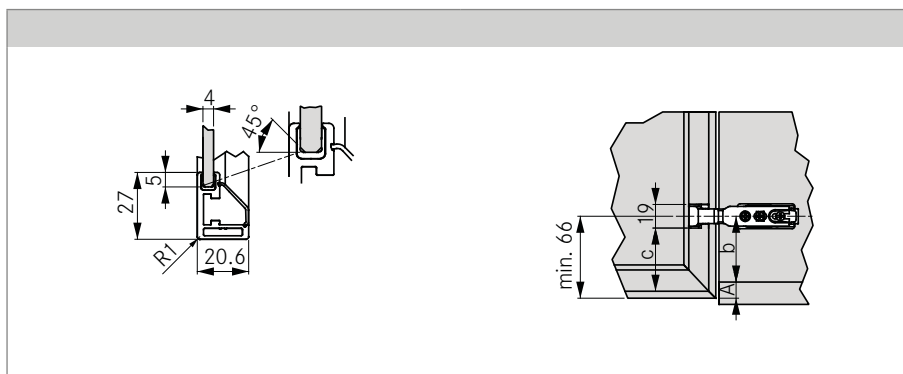
Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay	K0	Half overlay	K8	Inset	K15			
<p>Mounting plate height 2</p>		<p>Mounting plate height 2</p>		<p>Mounting plate height 4</p>				
Door overlay	0							
	17	2						
	16	3						
	15	4						
Mounting plate height		Door overlay	8					
			11	0				
			9	2				
			8	3				
			7	4				
Mounting plate height		Mounting plate height		Door reveal	15			
					1	4		
Mounting plate height		Mounting plate height		Mounting plate height				

INSTALLATION DIMENSIONS



NOTES

- Glass dim. = ext. door dim. - 44 mm
- A = Overlay of door on bottom panel
- b = Distance from top edge of bottom panel to centre hinge
- c = b + A - 14.5 mm



# NEXIS CLICK-ON 17 GL

95° glass door hinge (Glass thicknesses from 4 to 6 mm)



- Glass door hinge, 26 mm cup
- For glass thicknesses from 4 to 6 mm
- 95° opening angle
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Full overlay		Plastic, black	Steel, nickel-plated	0	■	<b>F015072803</b>	
Half overlay		Plastic, black	Zamak, nickel-plated	8	■	<b>F015072804</b>	
Inset		Plastic, black	Zamak, nickel-plated	15	■	<b>F015072805</b>	

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0/8	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	15	On request	<b>F069073669</b>

## DECORATIVE COVER CAPS

	Designation	Item No.		Designation	Item No.
	Nickel velour	<b>F069073420</b>		Nickel velour	<b>F069073425</b>
	Nickel polished, eroded	<b>F069073421</b>		Nickel polished, eroded	<b>F069073414</b>
	Brass polished, eroded	<b>F069073422</b>		Brass polished, eroded	<b>F069073427</b>
	Silver RAL 9006	<b>F069073410</b>		Silver RAL 9006	<b>F069073417</b>
	Black	<b>F069073424</b>		Black	<b>F069073428</b>
				Chrome finish	<b>F069073419</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>			

Nexis Click-on mounting plates	216
Accessories	224

Soft-close Pin	290
Technical information	226

Assembly aids	358
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INSTALLATION INFORMATION

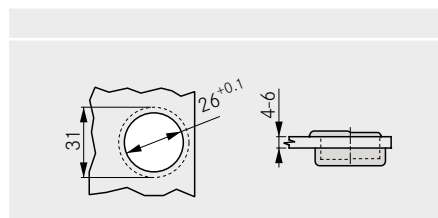
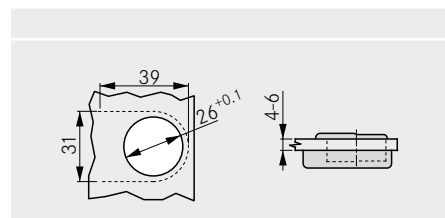
All dimensions in millimetres

Full overlay		K0	Half overlay		K8	Inset		K15
<p>Mounting plate height 2</p>		<p>Mounting plate height 2</p>		<p>Mounting plate height 4</p>				
Door overlay	Cup distance		Cup distance		Cup distance			
	0	4	5	6	8	4	5	6
	19			0	11			0
	18		0		10		0	
	17	0		2	9	0		2
	16		2	3	8		2	3
	15	2	3	4	7	2	3	4
	14	3	4		6	3	4	
	13	4			5	4		
		Mounting plate height		Mounting plate height		Mounting plate height		Mounting plate height

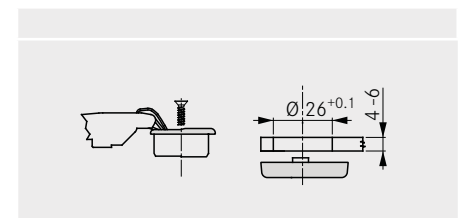
NOTE

Hinge dimensions and reveal calculation with factory setting.

DRILLING PATTERNS



CUP DIMENSIONS



# NEXIS CLICK-ON 07 MIRRO

128° mirror and glass door hinge



- 128° opening angle
- Soft-close compatible
- Fix by gluing stainless steel adapter to the door
- Use cam to connect hinge to the adapter
- Quick final assembly without drilling into the glass
- 3-dimensional adjustment with appropriate mounting plate

#### Available in 2 versions:

- With self-closing mechanism (spring)
- Without self-closing mechanism (spring) for use with Tipmatic

## ORDER INFORMATION

Door overlay	Material			with spring	Item No.	
	Cup	Arm			Click-on Screw fixing	
	Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F015072861</b>	
				-	<b>F015072863</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Tipmatic Pin for glass/mirror doors	<b>F069135396</b>		Soft-close Mirro	<b>F069073711</b>
	Tipmatic Plus Mirro set	<b>F069073746</b>		Mirro adapter stainless steel	<b>F069073731</b>
	Soft-close Pin	<b>F069066528</b>		Mirro cover sticker, matt silver for Mirro adapter	<b>F069073733</b>

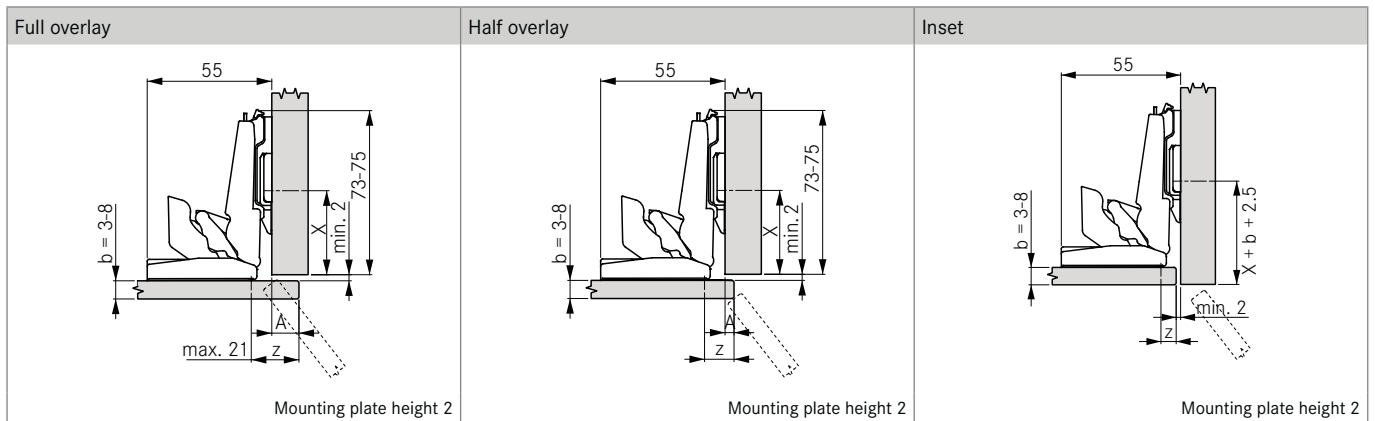
Nexis Click-on mounting plates	216
Accessories	224

Soft-close Mirro	288
Tipmatic Plus Mirro	300

Technical information	226
Assembly aids	358

INSTALLATION INFORMATION

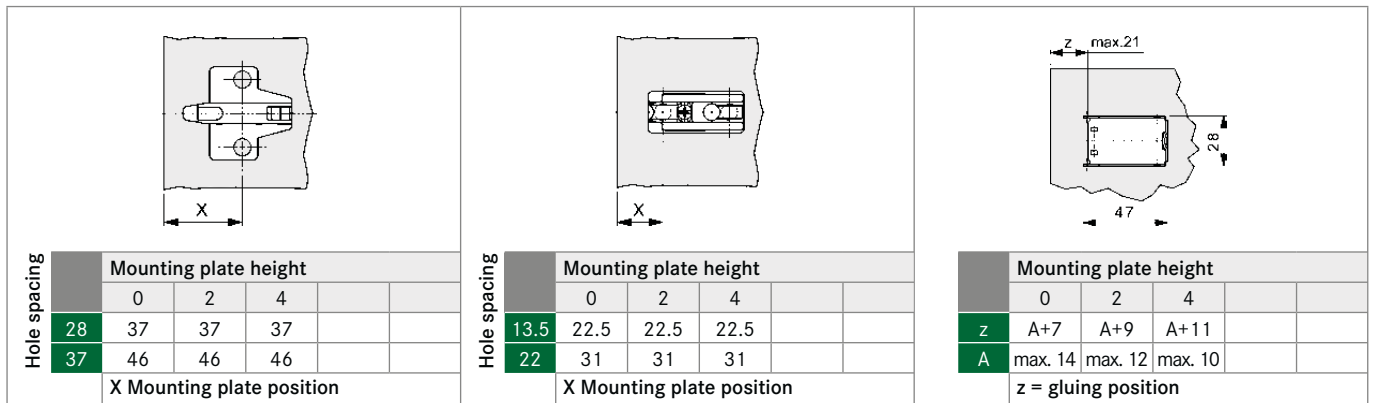
All dimensions in millimetres



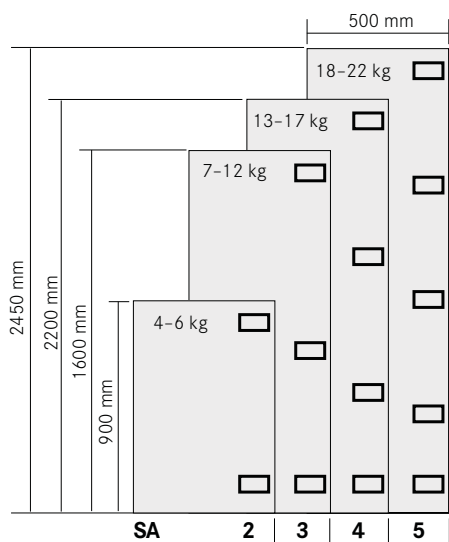
CROSS MOUNTING PLATE

LINEAR MOUNTING PLATE

STAINLESS STEEL ADAPTER



NUMBER OF HINGES



NOTES

The door overlay (A) on the cabinet side depends on the distance at which the hinge seat (z) is glued and the mounting plate height. When using a 0 mounting plate height and making full use of the adjustment, the maximum overlay is 16 mm.

Inset application can be achieved by changing the fixing distance of the mounting plate (X) and reducing the gluing distance.

**Important:** With mirror and glass doors a minimum reveal width of 2 mm is required (risk of breakage).

The inside edge of the door must not touch the cabinet during opening.

**Installation advice:** Please contact your glass or door supplier regarding the selection and application of the adhesive for fixing the hinge seat to mirror or glass doors.

**Liability claims:** Please note that GRASS cannot accept any liability for the adhesive and gluing process used or for any resulting claims.

**Important:** Mirro hinges must not be used with cam mounting plates.

# NEXIS CLICK-ON 07/-15 MIRRO

-15° mirror and glass door hinge



- For -15° angled cabinets
- 128° opening angle
- Soft-close compatible
- Fix by gluing stainless steel adapter to the door
- Use cam to connect hinge to the adapter
- Quick final assembly without drilling into the glass
- 3-dimensional adjustment with appropriate mounting plate

#### Available in 2 versions:

- With self-closing mechanism (spring)
- Without self-closing mechanism (spring) for use with Tipmatic

## ORDER INFORMATION

Door overlay	Material			with spring	Item No.	
	Cup	Arm			Click-on Screw fixing	
	Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F015072862</b>	
				-	<b>F015072864</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Tipmatic Pin for glass/mirror doors	<b>F069135396</b>		Soft-close Mirro	<b>F069073711</b>
	Tipmatic Plus Mirro set	<b>F069073746</b>		Mirro adapter stainless steel	<b>F069073731</b>
	Soft-close Pin	<b>F069066528</b>		Mirro cover sticker, matt silver for Mirro adapter	<b>F069073733</b>

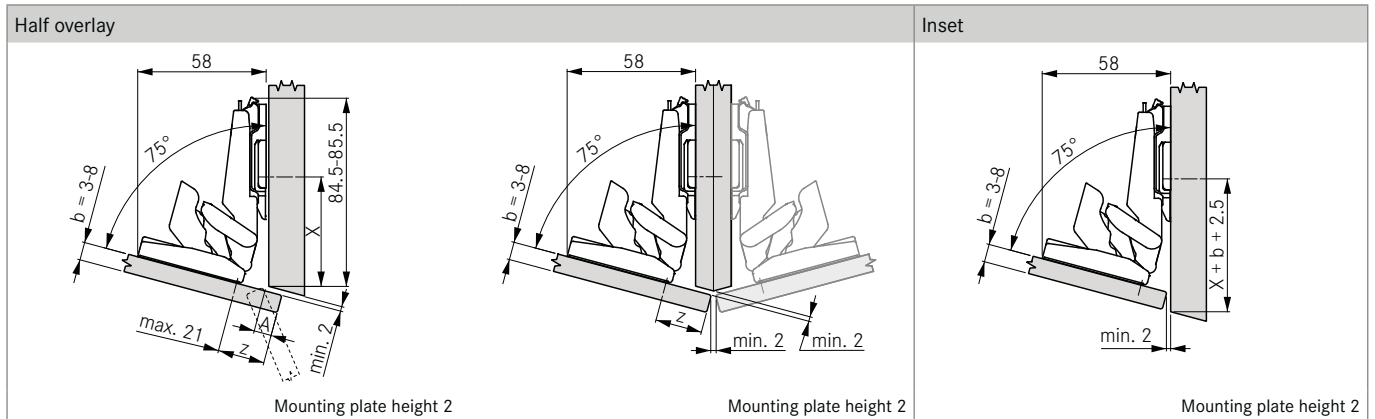
Nexis Click-on mounting plates	216
Accessories	224

Soft-close Mirro	288
Tipmatic Plus Mirro	300

Technical information	226
Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres



CROSS MOUNTING PLATE

LINEAR MOUNTING PLATE

STAINLESS STEEL ADAPTER

Hole spacing	Mounting plate height		
	0	2	4
28	48.5	49.0	49.5
37	57.5	58.0	58.5

X Mounting plate position

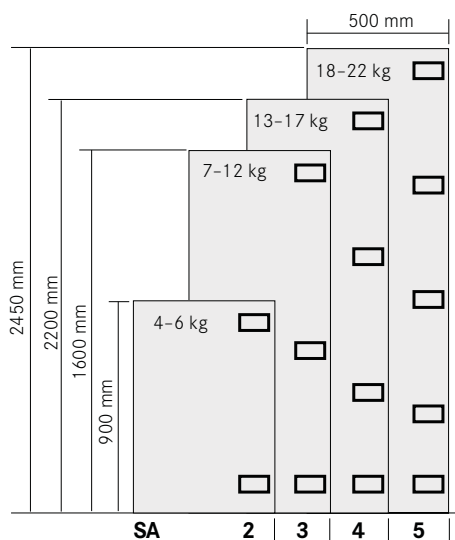
Hole spacing	Mounting plate height		
	0	2	4
13.5	34	34.5	35
22	42.5	43	43.5

X Mounting plate position

Mounting plate height	z		
	0	2	4
z	A+11	A+13	A+15
A	max. 10	max. 8	max. 6

z = gluing position

NUMBER OF HINGES



NOTES

The door overlay (A) on the cabinet side depends on the distance at which the hinge seat (z) is glued and the mounting plate height. When using a 0 mounting plate height and making full use of the adjustment, the maximum overlay is 12 mm.

Inset application can be achieved by changing the fixing distance of the mounting plate (X) and reducing the gluing distance.

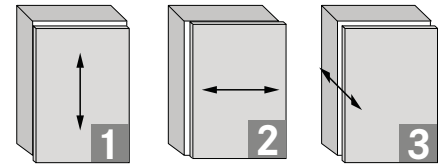
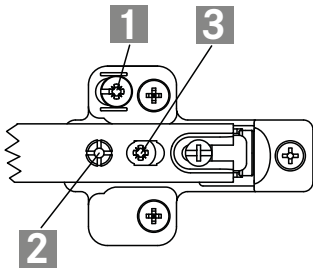
**Important:** With mirror and glass doors a minimum reveal width of 2 mm is required (risk of breakage).

The inside edge of the door must not touch the cabinet during opening.

- Installation advice:** Please contact your glass or door supplier regarding the selection and application of the adhesive for fixing the hinge seat to mirror or glass doors.
- Liability claims:** Please note that GRASS cannot accept any liability for the adhesive and gluing process used or for any resulting claims.
- Important:** Mirro hinges must not be used with cam mounting plates.

# NEXIS CLICK-ON

## Mounting plates



Height adjustment  
+/-2 mm

Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm

All adjustments can be carried out independently of each other.

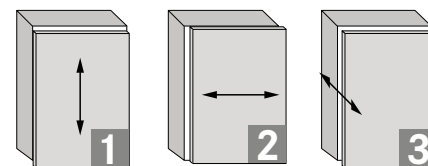
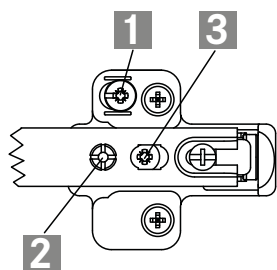
### ORDER INFORMATION

#### 2D CROSS MOUNTING PLATE, 3-POINT FIXING

For screw fixing	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with wood screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height and depth adjustment via a cam</li> </ul>		0	<b>F06 1073214</b>
		2	<b>F06 1073215</b>
		4	<b>F06 1073216</b>
		6	<b>F06 1073217</b>
		8	<b>F06 1073218</b>

#### 2D CROSS MOUNTING PLATE, 3-POINT FIXING

With pre-assembled Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with pre-assembled Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height and depth adjustment via a cam</li> </ul>		0	<b>F06 1073232</b>
		2	<b>F06 1073233</b>
		4	<b>F06 1073234</b>



Height adjustment  
+/-2 mm

Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm

All adjustments can be carried out independently of each other.

## ORDER INFORMATION

### 2D CROSS MOUNTING PLATE, 2-POINT FIXING

For screw fixing	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with wood screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height and depth adjustment via a cam</li> </ul>		0	<b>F06 1073253</b>
		2	<b>F06 1073254</b>
		3	<b>F06 1073295</b>
		4	<b>F06 1073255</b>
		6	<b>F06 1073222</b>
		8	<b>F06 1073223</b>

### 2D CROSS MOUNTING PLATE, 2-POINT FIXING

For Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height and depth adjustment via a cam</li> </ul>		0	<b>F06 1073227</b>
		2	<b>F06 1073228</b>
		4	<b>F06 1073229</b>
		6	<b>F06 1073230</b>
		8	<b>F06 1073231</b>

### 2D CROSS MOUNTING PLATE, 2-POINT FIXING

With pre-assembled Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with pre-assembled Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height and depth adjustment via a cam</li> </ul>		0	<b>F06 1073236</b>
		2	<b>F06 1073237</b>
		3	<b>F06 1073294</b>
		4	<b>F06 1073238</b>
		6	<b>F06 1073239</b>
		8	<b>F06 1073240</b>

### 2D CROSS MOUNTING PLATE, 2-POINT FIXING

For press fitting	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with 10 mm dowels</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height and depth adjustment via a cam</li> </ul>		0	<b>F06 1073248</b>
		2	<b>F06 1073249</b>
		4	<b>F06 1073250</b>

Tiomos

Nexis

Special hinges

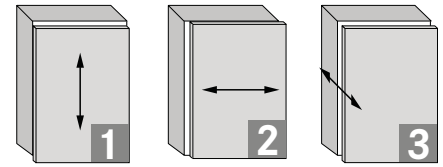
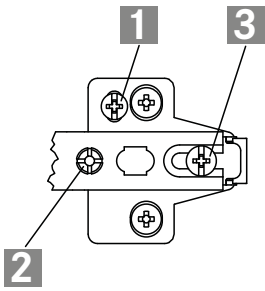
Single-joint hinges

Cabinet making accessories



# NEXIS CLICK-ON

## Mounting plates



Height adjustment  
+/-2 mm

Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm

All adjustments can be carried out independently of each other.

### ORDER INFORMATION

#### 2-PART CROSS MOUNTING PLATE, 3-POINT FIXING

For screw fixing	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with wood screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> </ul>		0	<b>F060073148</b>
		2	<b>F060073150</b>
		4	<b>F060073151</b>
		8	<b>F060073152</b>
		18	<b>F060073153</b>

#### 2-PART CROSS MOUNTING PLATE, 3-POINT FIXING

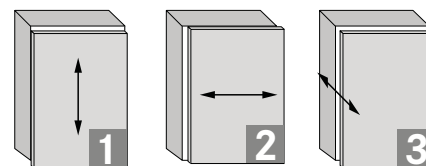
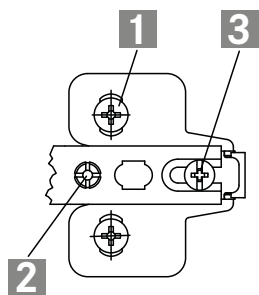
For Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> </ul>		0	<b>F060073156</b>
		2	<b>F060073157</b>
		4	<b>F060073158</b>
		8	<b>F060073159</b>
		18	<b>F060073160</b>

#### SPACER PLATE, HEIGHT 3

For Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Plastic, black</li> <li>Can be stacked</li> <li>For 2-part steel/Zamak plates</li> </ul>		3	<b>F069073764</b>

#### 2-PART CROSS MOUNTING PLATE, 3-POINT FIXING

With pre-assembled Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with pre-assembled Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> </ul>		0	<b>F060073171</b>
		2	<b>F060073172</b>
		4	<b>F060073173</b>
		8	<b>F060073174</b>
		18	<b>F060073175</b>



Height adjustment  
+/-2 mm

Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm

All adjustments can be carried out independently of each other.

## ORDER INFORMATION

### 1-PART CROSS MOUNTING PLATE, 2-POINT FIXING

For screw fixing	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with wood screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment via slot</li> </ul>		0	F060073144
		2	F060073145
		3	F060073209
		4	F060073146

### 1-PART CROSS MOUNTING PLATE, 2-POINT FIXING

With pre-assembled Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with pre-assembled 13.5 mm long Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment via slot</li> </ul>		0	F060073179
		2	F060073180
		3	F060073211
		4	F060073181

### 1-PART CROSS MOUNTING PLATE, 2-POINT FIXING FOR TWIN APPLICATION

With pre-assembled Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with pre-assembled 10.5 mm long Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment via slot</li> <li>For twin application</li> </ul>		0	F060073201
		2	F060073202
		4	F060073203

Tiomos

Nexis

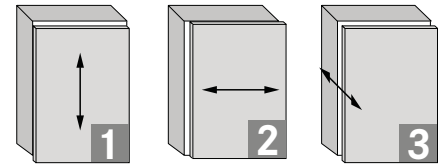
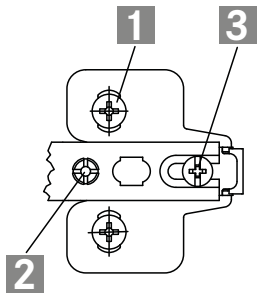
Special hinges

Single-joint hinges

Cabinet making accessories

# NEXIS CLICK-ON

## Mounting plates



Height adjustment  
+/-2 mm


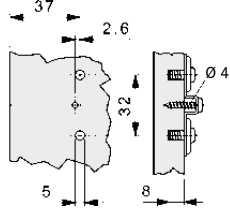
Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm


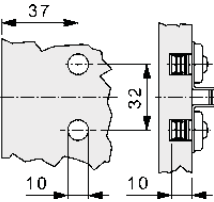
All adjustments can be carried out independently of each other.

### ORDER INFORMATION


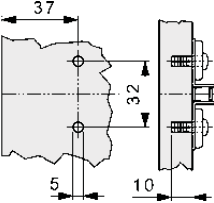
#### 1-PART CROSS MOUNTING PLATE, 3-POINT FIXING

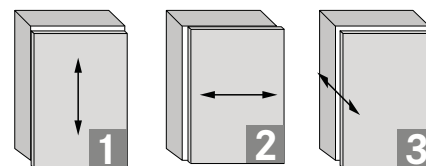
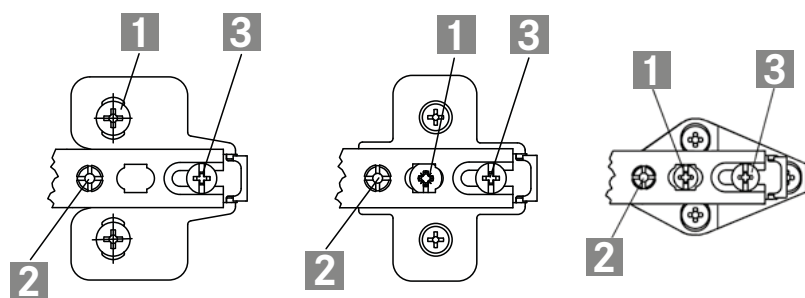
With expansion dowel	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with 5 mm expansion dowels</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment via slot</li> </ul>  <p>ⓘ Plate must not be fixed with a cordless screwdriver.</p>		0	<b>F060073185</b>
		2	<b>F060073186</b>
		4	<b>F060073187</b>

#### 1-PART CROSS MOUNTING PLATE, 2-POINT FIXING

For press fitting	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with 10 mm dowels</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment via slot</li> </ul> 		0	<b>F060073188</b>
		2	<b>F060073191</b>
		4	<b>F060073190</b>

#### 1-PART CROSS MOUNTING PLATE, 2-POINT FIXING

With expansion dowel bridge	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with 5 mm expansion dowel bridge</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment via slot</li> </ul> 		0	<b>F060073182</b>
		2	<b>F060073183</b>
		4	<b>F060073184</b>



Height adjustment  
+/-2 mm

Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm

All adjustments can be carried out independently of each other.

## ORDER INFORMATION

### 1-PART MOUNTING PLATE, 2-POINT FIXING, FIXING DISTANCE 28 MM

For screw fixing	28/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with wood screws</li> <li>Fixing distance 28 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment via slot</li> </ul>		0	<b>F060073139</b>
		2	<b>F060073140</b>
		4	<b>F060073141</b>

### 1-PART MOUNTING PLATE, 2-POINT FIXING, FIXING DISTANCE 28 MM

With pre-assembled Euro screws	28/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with pre-assembled Euro screws</li> <li>Fixing distance 28 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment via slot</li> </ul>		0	<b>F060073162</b>
		2	<b>F060073163</b>
		4	<b>F060073164</b>

### 2-PART MOUNTING PLATE, 2-POINT FIXING, FIXING DISTANCE 28 MM

For Euro screws	28/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with Euro screws</li> <li>Fixing distance 28 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment</li> </ul>		2	<b>F060073154</b>
		4	<b>F060073155</b>

### 1-PART MOUNTING PLATE, 2-POINT FIXING, FIXING DISTANCE 37 MM, HOLE SPACING 25 MM

For Euro screws	37/25	Height	Item No.
<ul style="list-style-type: none"> <li>Zamak, nickel-plated</li> <li>Fixing with Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 25 mm</li> <li>Height adjustment</li> </ul>		2	<b>F061073268</b>

Tiomos

Nexis

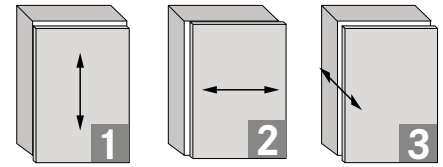
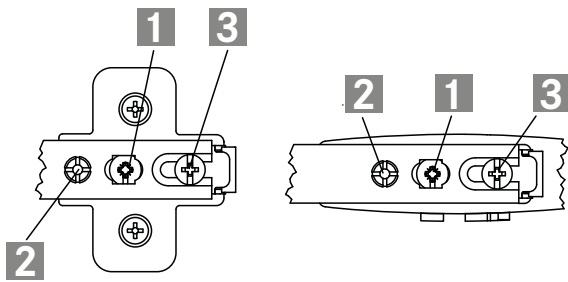
Special hinges

Single-joint hinges

Cabinet making accessories

# NEXIS CLICK-ON

## Mounting plates



Height adjustment  
+/-2 mm

Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm

All adjustments can be carried out independently of each other.

## ORDER INFORMATION

### CROSS MOUNTING PLATE FOR 20° ANGLE, 2-POINT FIXING

With pre-assembled Euro screws	X/32	Height	Item No.
<ul style="list-style-type: none"> <li>For 20° opening angle</li> <li>Zamak, nickel-plated</li> <li>Fixing with pre-assembled Euro screws</li> <li>Hole spacing 32 mm</li> <li>Height adjustment</li> </ul>		2	<b>F061073273</b>
		4	<b>F061073274</b>

### CROSS MOUNTING PLATE FOR 45° ANGLE, 2-POINT FIXING

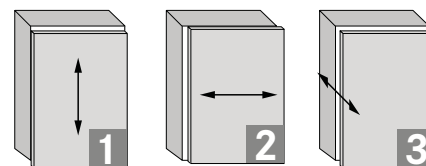
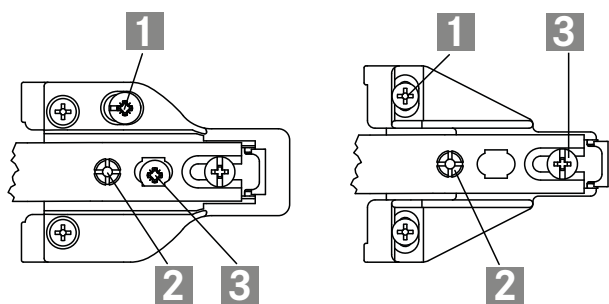
For Euro screws	X/32	Height	Item No.
<ul style="list-style-type: none"> <li>For 45° opening angle</li> <li>Zamak, nickel-plated</li> <li>Fixing with Euro screws</li> <li>Hole spacing 32 mm</li> <li>Height adjustment</li> </ul>		2	<b>F061073271</b>
		4	<b>F061073272</b>

### 1D LINEAR MOUNTING PLATE, 2-POINT FIXING

For screw fixing	13.5/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with wood screws</li> <li>Height adjustment via a cam</li> </ul>		0	<b>F060073129</b>
		2	<b>F060073130</b>
		3	<b>F060073212</b>
		4	<b>F060073205</b>

### 1D LINEAR MOUNTING PLATE, 2-POINT FIXING

For press fitting	13.5/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with 10 mm dowels</li> <li>Height adjustment via a cam</li> </ul>		0	<b>F060073136</b>
		2	<b>F060073137</b>
		3	<b>F060073210</b>
		4	<b>F060073138</b>



Height adjustment  
+/-2 mm


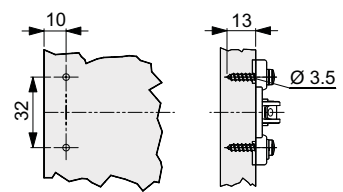
Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm


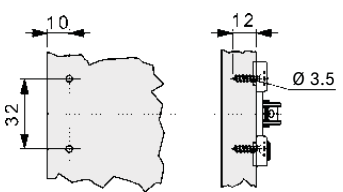
All adjustments can be carried out independently of each other.

## ORDER INFORMATION


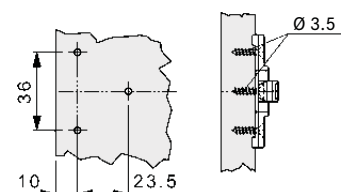
### 2D SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

With pre-assembled wood screws	10/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with pre-assembled wood screws</li> <li>Height and depth adjustment via a cam</li> </ul> 		0	<b>F06 1073283</b>
		2	<b>F06 1073284</b>
		4	<b>F06 1073285</b>


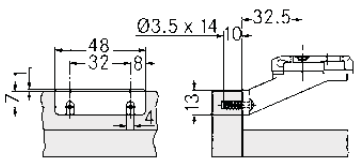
### 2D SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

For screw fixing	10/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with wood screws</li> <li>Height and depth adjustment via a cam</li> </ul> 		0	<b>F06 1073279</b>
		2	<b>F06 1073280</b>
		4	<b>F06 1073281</b>

### SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

For screw fixing	10/36	Height	Item No.
<ul style="list-style-type: none"> <li>Zamak, nickel-plated</li> <li>Fixing with wood screws</li> <li>Height adjustment via slot</li> </ul> 		0	<b>F06 1073275</b>
		2	<b>F06 1073276</b>
		4	<b>F06 1073277</b>

### 2-PART SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

For screw fixing		Height	Item No.
<ul style="list-style-type: none"> <li>For inset doors</li> <li>For hinges, cranking size 8</li> <li>Zamak, nickel-plated</li> <li>Fixing with wood screws</li> <li>Height adjustment</li> </ul> 		2	<b>F06 1073278</b>

Tiomos

Nexis

Special hinges






Single-joint hinges

Cabinet making accessories



# NEXIS CLICK-ON

## Accessories


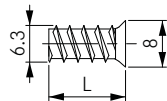

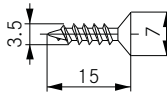

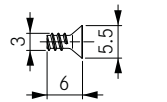
### COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0	On request	<b>F069073548</b>
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	<b>F069073669</b>
	Hinge arm cover cap, plastic, black, Soft-close compatible	-	-	<b>F069073534</b>
	Click-on hinge cup cover cap, steel, nickel-plated, not imprinted	-	-	<b>F069073687</b>

### OPENING ANGLE REDUCTION CLIPS

	Designation			Item No.
	85° opening angle reduction clip for 110° standard door hinge. Prevents the door from colliding with kitchen unit fronts or walls (when fitted at corners). Plastic, black			<b>F069135032</b>
	120° opening angle reduction clip for 170° wide-angle hinge. Prevents inset doors from colliding with the cabinet. Plastic, black			<b>F069073402</b>

### FIXING SCREWS

	Designation			Item No.
	Euro screw, nickel-plated, Ø 6.3 mm	L = 10.5		<b>F146073979</b>
		L = 13.5		<b>F069135297</b>
	Countersunk wood screw, nickel-plated, Ø 3.5 mm	L = 15		<b>F146073976</b>
	Steel housing fixing screw for aluminium frame hinge, nickel-plated. M 3 x 6 screw	L = 6		<b>F069073405</b>





# NEXIS CLICK-ON

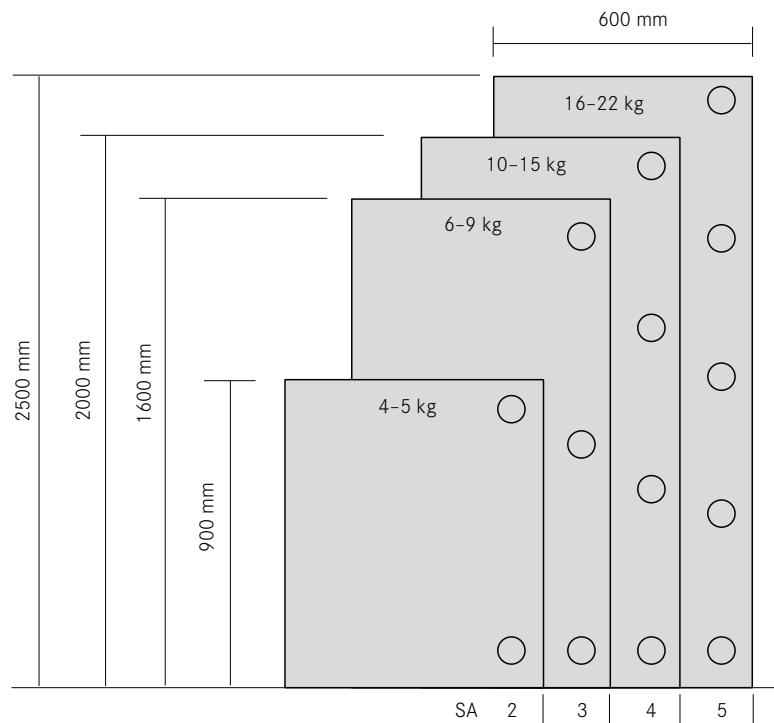
## Technical information

### NUMBER OF HINGES PER DOOR

#### Description

This is determined by the door height, door weight, quality of the material and the fixing of the cup and mounting plate. The load and height data refer to 600 mm standard door widths.

Hinges with Ø 26 mm housings have been tested with a door width of 450 mm. In case of doubt, the number of hinges should be determined with a trial fitting.



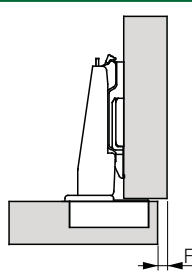
### DOOR REVEAL AND MINIMUM REVEAL

#### Description

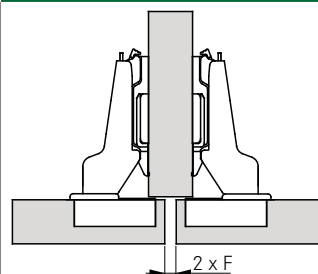
The reveal is the distance between two doors or between the door and the cabinet side wall.

The minimum reveal (F) is the clearance required between two doors or between door and side wall so that the door can open without hindrance.

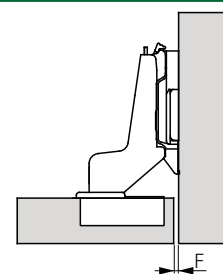
#### Full overlay door



#### Half overlay door



#### Inset door



#### Minimum reveal table

The width of reveal required depends on the thickness of the door.

#### Example:

For a **18 mm** thick door and a **cup distance of 6 mm** the reveal required is **0.2 mm**.

#### Important

Reveals were calculated for doors with a radius of 1 mm! Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

Door thickness	Cup distance				Minimum reveal (F)
	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	

#### Achievable reveal with inset door

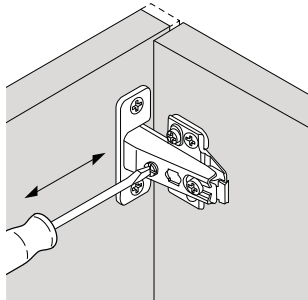
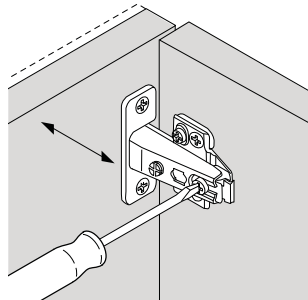
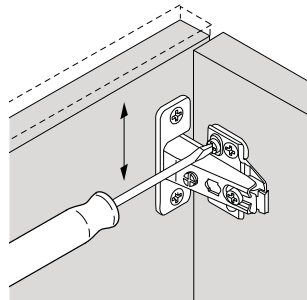
The table shows the achievable reveal width for inset doors, depending on the cup distance and mounting plate height.

#### Example:

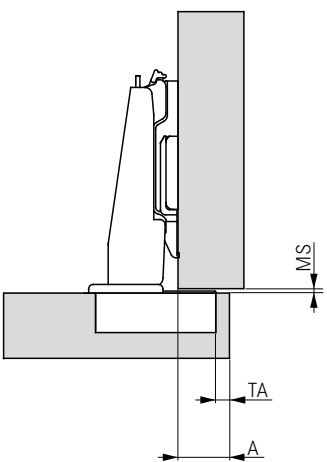
For a **cup distance of 4 mm** and a **mounting plate height of 3 mm** the reveal width is **1 mm**.

Door reveal	Cup distance				Mounting plate height
	3	4	5	6	
15					
0		2	3	4	
1	2	3	4		
2	3	4			

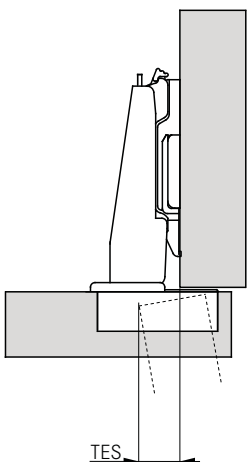
## ADJUSTMENTS

Description	Side adjustment +1/-3 mm	Depth adjustment +3/-1 mm	Height adjustment +/- 2mm
The height adjustment option depends on the type of mounting plate. All adjustments can be carried out independently of each other.			

## MINIMUM GAP – CUP DISTANCE

Description	Example:																																																												
<p><b>The minimum gap (MS)</b> is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.</p> <p><b>The cup distance (TA)</b> is the distance between the edge of the door and the edge of the cup hole.</p> 	<p>For a <b>door thickness</b> of 26 mm and a <b>cup distance</b> of 6 mm, the <b>minimum gap</b> is 0.7 mm.</p> <table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="4">Cup distance</th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <th rowspan="10">Door thickness</th> <td>16</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> </tr> <tr> <td>18</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> </tr> <tr> <td>19</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> </tr> <tr> <td>20</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.5</td> </tr> <tr> <td>22</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> </tr> <tr> <td>24</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> </tr> <tr> <td>26</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td><b>0.7</b></td> </tr> <tr> <td>28</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.9</td> </tr> <tr> <td>30</td> <td>0.5</td> <td>0.5</td> <td>1.1</td> <td>1.1</td> </tr> <tr> <td colspan="5">Minimum gap</td> </tr> </tbody> </table>		Cup distance				3	4	5	6	Door thickness	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	<b>0.7</b>	28	0.5	0.5	0.5	0.9	30	0.5	0.5	1.1	1.1	Minimum gap				
	Cup distance																																																												
	3	4	5	6																																																									
Door thickness	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	<b>0.7</b>																																																								
	28	0.5	0.5	0.5	0.9																																																								
	30	0.5	0.5	1.1	1.1																																																								
	Minimum gap																																																												

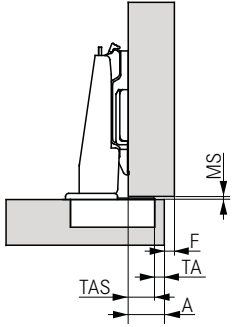
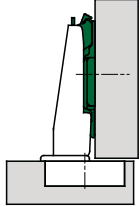
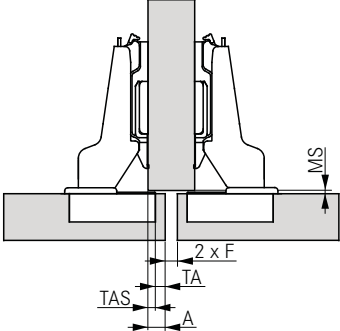
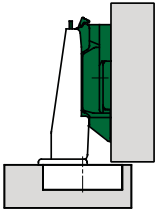
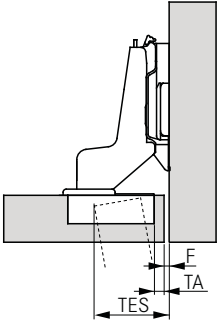
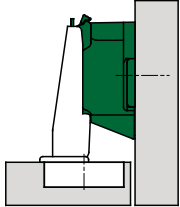
## DOOR PROTRUSION / DOOR OVERLAY

Door protrusion	Door overlay																																																								
<p><b>Door protrusion (TES)</b> occurs when the door is opened and varies depending on the type of hinge and method of application.</p> <p>It is shown on each catalogue page and refers to the factory setting with the respective mounting plate shown. It can be altered by using a different mounting plate height and by changing the side adjustment.</p> 	<p>The door overlay (A) is that part of the side wall or frame which is covered by the door.</p> <p><b>Example:</b> With a hinge with cranking size 8, a <b>mounting plate height</b> of 0 and a <b>cup distance</b> of 5 mm, the <b>door overlay</b> is 10 mm.</p> <table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="4">Cup distance</th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <th rowspan="10">Door overlay</th> <td>8</td> <td></td> <td></td> <td></td> </tr> <tr> <td>11</td> <td></td> <td></td> <td>0</td> </tr> <tr> <td>10</td> <td></td> <td>0</td> <td></td> </tr> <tr> <td>9</td> <td></td> <td>0</td> <td>2</td> </tr> <tr> <td>8</td> <td>0</td> <td></td> <td>2</td> <td>3</td> </tr> <tr> <td>7</td> <td></td> <td>2</td> <td>3</td> <td>4</td> </tr> <tr> <td>6</td> <td>2</td> <td>3</td> <td>4</td> <td></td> </tr> <tr> <td>5</td> <td>3</td> <td>4</td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>4</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="5">Mounting plate height</td> </tr> </tbody> </table>		Cup distance				3	4	5	6	Door overlay	8				11			0	10		0		9		0	2	8	0		2	3	7		2	3	4	6	2	3	4		5	3	4			4	4				Mounting plate height				
	Cup distance																																																								
	3	4	5	6																																																					
Door overlay	8																																																								
	11			0																																																					
	10		0																																																						
	9		0	2																																																					
	8	0		2	3																																																				
	7		2	3	4																																																				
	6	2	3	4																																																					
	5	3	4																																																						
	4	4																																																							
	Mounting plate height																																																								

# NEXIS CLICK-ON

## Technical information

### OPTIONS FOR CHANGING THE DOOR OVERLAY

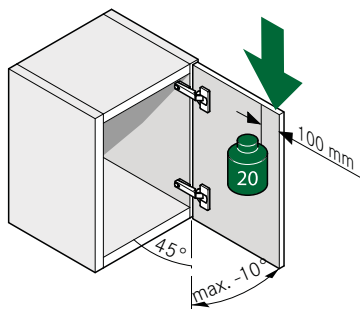
By selecting the cranking	By using a mounting plate with a different height
<p><b>Full overlay (cranking 0)</b></p> <p>The door overlay (A) is the cup overlay (TAS/factory setting) plus the cup distance (TA).</p> <p>The dimensions are shown in a table on the respective catalogue page.</p> 	<p><b>Full overlay</b></p> <p>Hinge with 0 cranking and mounting plate height 0</p> 
<p><b>Half overlay (cranking 8)</b></p> <p>The door overlay (A) is the cup overlay (TAS/factory setting) plus the cup distance (TA).</p> <p>The dimensions are shown in a table on the respective catalogue page.</p> 	<p><b>Half overlay</b></p> <p>Hinge with 0 cranking and mounting plate height 8</p> 
<p><b>Inset (cranking 15)</b></p> <p>There is no door overlay.</p> <p>The reveal (F) between the cabinet side wall and the door depends on the mounting plate height (MH) and the cup distance (TA).</p> <p>The dimensions are shown in a table on the respective catalogue page.</p> 	<p><b>Inset</b></p> <p>Hinge with 0 cranking and mounting plate height 18</p> 

TEST CRITERIA FOR HINGES

Functional test

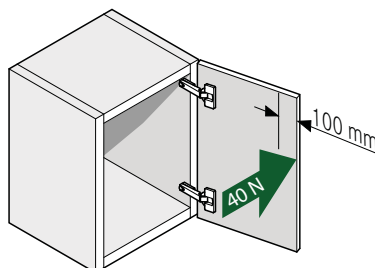
**Static load – vertical**

Additional load: 20 kg  
Opening angle: max. -10°  
Number: 10



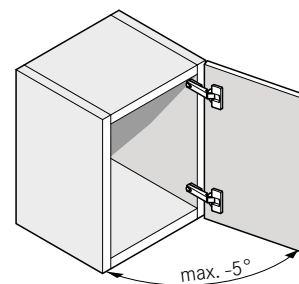
**Static load – horizontal**

Force: 40 N  
Number: 10



**Endurance test**

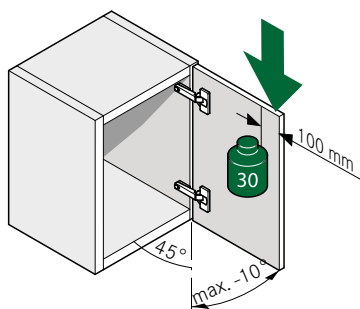
Opening angle: max. -5°  
Open and close movements: 100,000



Overload testing

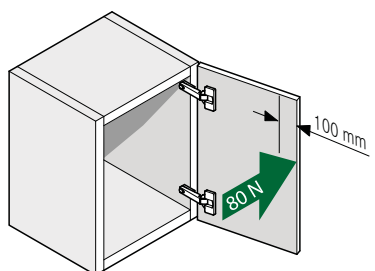
**Vertical**

Additional load: 30 kg  
Opening angle: max. -10°  
Number: 10



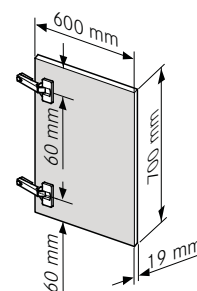
**Horizontal**

Force: 80 N  
Number: 10



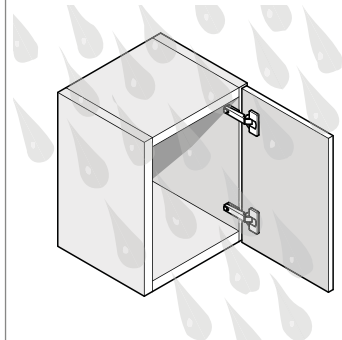
**Test door**

Weight approx. 5.2 kg



Salt spray and humidity test

Based on DIN ISO 9227 and DIN 6270-2



Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories



#### NEXIS SLIDE-ON

Efficient and reliable.  
Slide-on technology for numerous  
tried-and-tested applications.



The Nexis Slide-on series has been designed for a wide range of kitchen, bathroom and living room furniture door applications. A reliable hinge series with opening angles from 95° to 270° with a wide range for everyday service. Nexis Slide-on offers hinges for many applications such as for rebated doors or protruding posts.

Fixing of this hinge series is to the door Hinge range with screws or dowels. There are clear advantages in this short slide-on distance: with tall doors it is possible to fit the Nexis Slide-on hinges in sequence from top to bottom, sliding on each one quickly and reliably without jamming problems.



# NEXIS SLIDE-ON

Hinges for numerous door applications, installation on the cabinet side with classic Slide-on technology.

Opening angle	Product designation	Application	Full overlay	Half overlay	Inset	Soft-close compatible	Page
100°	Slide-on 04		■	■	■	■	234
110°	Slide-on 22		■	■	-	■	236
125°	Slide-on 29		■	■	-	■	238
170°	Slide-on 65	Wide-angle hinge	■	■	-	■	240
95°	Slide-on 05	Profiled door hinge	■	■	■	■	242
95°	Slide-on 25	Profiled door hinge	■	■	■	-	244
95°	Slide-on 05/30/2	+30° angle corner cabinet hinge	-	■	-	■	246
95°	Slide-on 05/45/3	+45° angle corner cabinet hinge	-	-	■	■	248
95°	Slide-on 05/45/8	+45° angle corner cabinet hinge	-	■	-	■	250
95°	Slide-on 05/90/4	Blind corner hinge	-	-	■	■	252
95°	Slide-on 05/90/0	Blind corner hinge	-	-	■	■	254
270°	Slide-on 70	Single-joint hinge	■	-	-	-	256
270°	Slide-on 73	Single-joint hinge	■	■	-	-	258
180°	Slide-on 80	Single-joint hinge	■	■	-	-	260
-	Slide-on PCC	Pie-cut corner hinge	-	-	■	-	262
95°	Slide-on 17	Mini-hinge	■	■	■	■	264
95°	Slide-on 17 AL	Aluminium frame hinge	■	■	■	■	266
95°	Slide-on 17 GL	Glass door hinge	■	■	■	-	268

Nexis Slide-on mounting plates	270
Accessories	274
Technical information	276
Soft-close damping system	281
Assembly aids	358

Timos

Nexis



























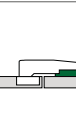

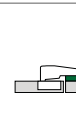


Special hinges


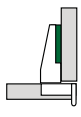
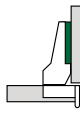

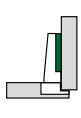

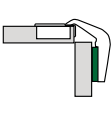

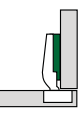
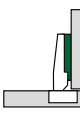
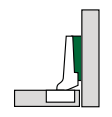

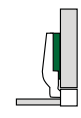

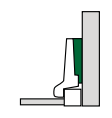

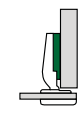
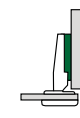
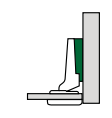
Single-joint hinges




Cabinet making accessories

# NEXIS SLIDE-ON

Hinges for numerous door applications, installation on the cabinet side with classic Slide-on technology.

Opening angle		Product description	Full overlay	Half overlay	Inset	Page
100°		<b>Nexis Slide-on 04</b> <ul style="list-style-type: none"> <li>• Also suitable for soft-formed doors</li> <li>• Optimum reveals up to 24 mm door thickness</li> <li>• Soft-close compatible</li> </ul>				234
110°		<b>Nexis Slide-on 22</b> <ul style="list-style-type: none"> <li>• 11 mm cup depth</li> <li>• Also suitable for soft-formed doors</li> <li>• Soft-close compatible</li> </ul>			-	236
125°		<b>Nexis Slide-on 29</b> <ul style="list-style-type: none"> <li>• Convenient access to unit</li> <li>• Soft-close compatible</li> </ul>			-	238
170°		<b>Nexis Slide-on 65</b> <ul style="list-style-type: none"> <li>• Also suitable for soft-formed doors</li> <li>• Zero protrusion</li> <li>• Soft-close compatible</li> </ul>			-	240
95°		<b>Nexis Slide-on 05</b> <ul style="list-style-type: none"> <li>• Suitable for thick doors or profiled doors</li> <li>• Optimum reveals up to 30 mm door thickness</li> <li>• Soft-close compatible</li> </ul>				242
95°		<b>Nexis Slide-on 25</b> <ul style="list-style-type: none"> <li>• Cup diameter 40 mm</li> <li>• For profiled and frame doors up to 36 mm thickness</li> <li>• Minimum reveals with thick doors</li> </ul>				244
95°		<b>Nexis Slide-on 05/30/2</b> <ul style="list-style-type: none"> <li>• For 30° angled cabinets</li> <li>• Optimum reveals up to 30 mm door thickness</li> <li>• Soft-close compatible</li> </ul>	-		-	246
95°		<b>Nexis Slide-on 05/45/3</b> <ul style="list-style-type: none"> <li>• For 45° angled cabinets</li> <li>• Optimum reveals up to 30 mm door thickness</li> <li>• Soft-close compatible</li> </ul>	-	-		248
95°		<b>Nexis Slide-on 05/45/8</b> <ul style="list-style-type: none"> <li>• For 45° angled cabinets</li> <li>• Optimum reveals up to 30 mm door thickness</li> <li>• Soft-close compatible</li> </ul>	-		-	250
95°		<b>Nexis Slide-on 05/90/4</b> <ul style="list-style-type: none"> <li>• For protruding posts</li> <li>• Optimum reveals up to 30 mm door thickness</li> <li>• Soft-close compatible</li> </ul>	-	-		252
95°		<b>Nexis Slide-on 05/90/0</b> <ul style="list-style-type: none"> <li>• Short hinge arm for protruding posts</li> <li>• Optimum reveals up to 30 mm door thickness</li> <li>• Soft-close compatible</li> </ul>	-	-		254
270°		<b>Nexis Slide-on 70</b> <ul style="list-style-type: none"> <li>• Cup diameter 30 mm</li> <li>• Single-joint hinge</li> <li>• For door thicknesses from 15 to 21 mm</li> </ul>		-	-	256

Opening angle		Product description	Full overlay	Half overlay	Inset	Page
270°		<b>Nexis Slide-on 73</b> <ul style="list-style-type: none"> <li>• Single-joint hinge</li> <li>• For door thicknesses from 15 to 21 mm</li> <li>• With wide-angle opening</li> </ul>			-	258
180°		<b>Nexis Slide-on 80</b> <ul style="list-style-type: none"> <li>• Single joint hinge for rebated doors</li> <li>• For door thicknesses from 14 to 21 mm</li> <li>• With wide-angle opening</li> </ul>		-	-	260
-		<b>Nexis Slide-on PCC</b> <ul style="list-style-type: none"> <li>• Pie-cut corner hinge for corner applications</li> <li>• For door thicknesses from 14 to 22 mm</li> <li>• For connecting two corner cabinet doors</li> </ul>	-	-		262
95°		<b>Nexis Slide-on 17</b> <ul style="list-style-type: none"> <li>• Cup diameter 26 mm, ideal for frame doors</li> <li>• Optimum reveals up to 19 mm</li> <li>• Soft-close compatible</li> </ul>				264
95°		<b>Nexis Slide-on 17 AL</b> <ul style="list-style-type: none"> <li>• For aluminium frames up to 20 mm thickness</li> <li>• Hinge fits flush with the profile</li> <li>• Soft-close compatible</li> </ul>				266
95°		<b>Nexis Slide-on 17 GL</b> <ul style="list-style-type: none"> <li>• For glass thicknesses from 4 to 6 mm</li> <li>• Cup diameter 26 mm</li> <li>• Ideal for display cabinets</li> </ul>				268

	<b>Nexis Slide-on mounting plates</b>	270
	<b>Accessories</b> <ul style="list-style-type: none"> <li>• Hinge arm cover caps</li> <li>• Opening angle reduction clips</li> </ul>	274
	<b>Technical information</b>	276
	<b>Soft-close damping system</b>	281



# NEXIS SLIDE-ON 04

100° hinge (Door thicknesses up to 24 mm)



- 100° opening angle
- Optimum reveals with door thicknesses up to 24 mm
- Soft-close compatible
- With shallow cup depth (11 mm) also suitable for soft-formed doors
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Slide-on Screw fixing	Slide-on Press fitting
Full overlay		Steel, nickel-plated	Steel, nickel-plated	-2	■	<b>F016073023</b>	-
				0	■	<b>F016073008</b>	<b>F016073010</b>
Half overlay		Steel, nickel-plated	Steel, nickel-plated	8	■	<b>F016073014</b>	<b>F016073016</b>
Inset		Steel, nickel-plated	Steel, nickel-plated	15	■	<b>F016073018</b>	<b>F016073020</b>

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	-2/0	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	<b>F069073669</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>		Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Soft-close Click-on set	<b>F069073714</b>		Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>

Nexis Slide-on mounting plates	270
Accessories	274

Soft-close Click-on	284
Technical information	276

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		K-2/0		Half overlay		K8		Inset		K15									
Mounting plate height 2		Mounting plate height 2		Mounting plate height 4															
Door overlay	Cup distance					Door overlay	Cup distance					Door reveal	Cup distance						
	-2	3	4	5	6		0	8	3	4	5		6	15	3	4	5	6	
	21				0		19	11					0	0					
	20				0		18	10			0								
	19			0			17	9		0			2						
	18	0			2		16	8	0		2		3						
	17				3		15	7		2	3		4						
	16	2	3	4			14	6	2	3	4								
	15	3	4				13	5	3	4									
	14	4					12												
Mounting plate height		Mounting plate height		Mounting plate height															

MINIMUM GAP

Door thickness	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	0.5	0.5	0.5	0.5	
22	0.5	0.5	0.5	0.8	
24	0.5	0.5	0.5	1.1	
Minimum gap					

MINIMUM REVEAL

Door thickness	Cup distance				
	3	4	5	6	
16	0.6	0.6	0.6	0.6	
18	0.9	0.9	0.9	0.9	
19	1.1	1.1	1.1	1.1	
20	1.4	1.4	1.4	1.4	
22	1.9	1.9	1.9	1.9	
24	2.5	2.5	2.5	2.5	
Minimum reveal (F)					

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

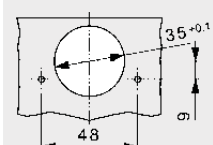
**Important:** Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

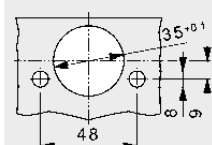
We recommend a trial fitting.

DRILLING PATTERNS

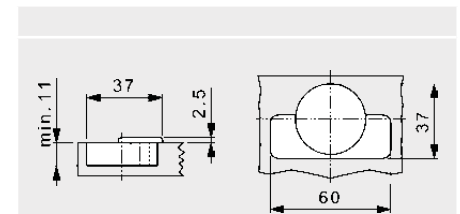
Screw fixing



Press fitting



CUP DIMENSIONS



# NEXIS SLIDE-ON 22

110° hinge



- 110° opening angle
- Soft-close compatible
- With shallow cup depth (11 mm) also suitable for soft-formed doors
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Slide-on Screw fixing	Slide-on Press fitting
Full overlay		Steel, nickel-plated	Steel, nickel-plated	0	■	<b>F016073062</b>	-
Half overlay		Steel, nickel-plated	Steel, nickel-plated	8	■	<b>F016073064</b>	-

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8	On request	<b>F069073669</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>		85° opening angle reduction clip, plastic, black	<b>F069135032</b>
	Soft-close Click-on set	<b>F069073714</b>		Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>

Nexis Slide-on mounting plates	270
Accessories	274

Soft-close Click-on	284
Technical information	276

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		K0	Half overlay		K8	
<p>Mounting plate height 2</p>		<p>Mounting plate height 2</p>				
Door overlay	Cup distance					
	0	3	4	5	6	7
	20					0
	19				0	
	18			0		2
	17		0		2	3
	16	0		2	3	4
	15		2	3	4	
	14	2	3	4		
	13	3	4			
12	4					
Mounting plate height						
Door overlay	Cup distance					
	8	3	4	5	6	7
	12					0
	11				0	
	10			0		2
	9		0		2	3
	8	0		2	3	4
	7		2	3	4	
	6	2	3	4		
	5	3	4			
4	4					
Mounting plate height						

MINIMUM GAP

Door thickness	Cup distance					
	3	4	5	6	7	
16	0.5	0.6	1.6	2.6	3.6	
18	0.5	1.2	2.2	3.2	4.2	
19	0.5	1.5	2.5	3.5	4.5	
20	0.8	1.8	2.8	3.8	4.8	
22	1.4	2.4	3.4	4.4	5.4	
Minimum gap						

MINIMUM REVEAL

Door thickness	Cup distance					
	3	4	5	6	7	
16	0.5	0.5	0.5	0.5	0.5	
18	1.0	1.0	1.0	1.0	1.0	
19	1.2	1.2	1.2	1.2	1.2	
20	2.2	1.5	1.5	1.5	1.5	
22	4.7	3.7	2.8	2.1	2.1	
Minimum reveal (F)						

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

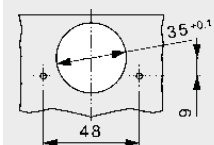
**Important:** The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

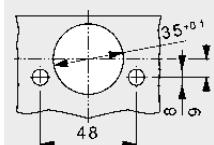
We recommend a trial fitting.

DRILLING PATTERNS

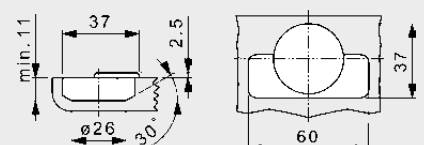
Screw fixing



Press fitting



CUP DIMENSIONS



# NEXIS SLIDE-ON 29

125° hinge (Door thicknesses up to 19 mm)



- 125° opening angle
- Soft-close compatible
- Optimum reveals with door thicknesses up to 19 mm
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Slide-on Screw fixing	
Full overlay		Steel, nickel-plated	Steel, nickel-plated	0	■	<b>F016073070</b>	

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8	On request	<b>F069073669</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>		Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Soft-close Click-on set	<b>F069073714</b>		Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>

Nexis Slide-on mounting plates	270
Accessories	274

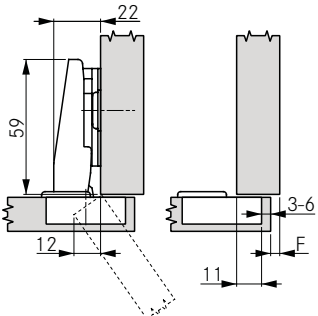
Soft-close Click-on	284
Technical information	276

Assembly aids	358
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## INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay
KO



Mounting plate height 2

Door overlay	Cup distance					
	3	4	5	6		
19				0		
18			0			
17		0		2		
16	0		2	3		
15		2	3	4		
14	2	3	4			
13	3	4				
	Mounting plate height					

### MINIMUM GAP

Door thickness	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		
	Minimum gap					

### MINIMUM REVEAL

Door thickness	Cup distance					
	3	4	5	6		
16	1.9	1.9	1.9	1.9		
18	2.8	2.6	2.5	2.5		
19	4.6	3.6	3.0	2.9		
20	6.5	5.5	4.5	3.5		
	Minimum reveal (F)					

### NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

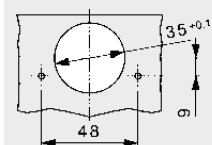
**Important:** The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

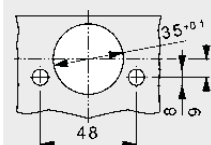
We recommend a trial fitting.

### DRILLING PATTERNS

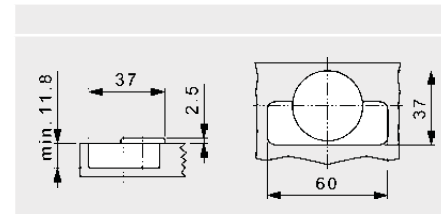
#### Screw fixing



#### Press fitting



### CUP DIMENSIONS



# NEXIS SLIDE-ON 65

170° wide-angle hinge (Door thicknesses up to 26 mm)



- 170° opening angle
- Soft-close compatible
- Optimum reveals with door thicknesses up to 26 mm
- With shallow cup depth (11 mm) also suitable for soft-formed doors
- Zero protrusion with door open 90°
- Finger guard
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Slide-on	Screw fixing
Full overlay		Zamak, nickel-plated	Zamak, nickel-plated	0	■	<b>F016073077</b>	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated	8	■	<b>F016073079</b>	

## ACCESSORIES

	Designation	Item No.
	Soft-close Pin	<b>F069066528</b>
	170° Soft-close	<b>F069073729</b>

	Designation	Item No.
	120° opening angle reduction clip, plastic, black	<b>F069073402</b>
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>

Nexis Slide-on mounting plates	270
Accessories	274

170° Soft-close	286
Technical information	276

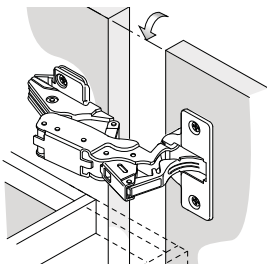
Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay	K0	Half overlay	K8	Inset	K0	Mitred application	K0																																																																																																																																																																																																																															
<p>Mounting plate height 2</p> <table border="1"> <thead> <tr> <th rowspan="2">Door overlay</th> <th colspan="8">Cup distance</th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr><td>21</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td></tr> <tr><td>20</td><td></td><td></td><td></td><td></td><td></td><td>0</td><td></td><td></td></tr> <tr><td>19</td><td></td><td></td><td></td><td>0</td><td></td><td></td><td>2</td><td></td></tr> <tr><td>18</td><td></td><td></td><td>0</td><td></td><td>2</td><td></td><td></td><td>3</td></tr> <tr><td>17</td><td></td><td>0</td><td></td><td>2</td><td>3</td><td></td><td></td><td>4</td></tr> <tr><td>16</td><td>0</td><td></td><td>2</td><td>3</td><td>4</td><td></td><td></td><td></td></tr> <tr><td>15</td><td></td><td>2</td><td>3</td><td>4</td><td></td><td></td><td></td><td></td></tr> <tr><td>14</td><td>2</td><td>3</td><td>4</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>13</td><td>3</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>12</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td></td> <td colspan="8">Mounting plate height</td> </tr> </tbody> </table>		Door overlay	Cup distance								3	4	5	6	7	8			21								0	20						0			19				0			2		18			0		2			3	17		0		2	3			4	16	0		2	3	4				15		2	3	4					14	2	3	4						13	3	4							12	4									Mounting plate height								<p>Mounting plate height 2</p> <table border="1"> <thead> <tr> <th rowspan="2">Door overlay</th> <th colspan="8">Cup distance</th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr><td>13</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td></tr> <tr><td>12</td><td></td><td></td><td></td><td></td><td></td><td>0</td><td></td><td></td></tr> <tr><td>11</td><td></td><td></td><td></td><td></td><td>0</td><td></td><td>2</td><td></td></tr> <tr><td>10</td><td></td><td></td><td>0</td><td></td><td></td><td>2</td><td>3</td><td></td></tr> <tr><td>9</td><td></td><td>0</td><td></td><td>2</td><td>3</td><td>4</td><td></td><td></td></tr> <tr><td>8</td><td>0</td><td></td><td>2</td><td>3</td><td>4</td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td>2</td><td>3</td><td>4</td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td>2</td><td>3</td><td>4</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td>3</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td></td> <td colspan="8">Mounting plate height</td> </tr> </tbody> </table>		Door overlay	Cup distance								3	4	5	6	7	8			13								0	12						0			11					0		2		10			0			2	3		9		0		2	3	4			8	0		2	3	4				7		2	3	4					6	2	3	4						5	3	4								Mounting plate height								<p>Inset application</p> <p>With 0 cranking, cup distance 3 mm and mounting plate height 18, an inset application is achieved.</p> <p>Use 120° opening angle reduction clip.</p>		<p>Mitred application</p> <p>With 0 cranking, cup distance 3 mm and mounting plate height 18, a mitred application can be achieved.</p> <p>Use 120° opening angle reduction clip.</p>	
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ZERO PROTRUSION



Zero protrusion for use with inset drawers.

With 0 cranking and mounting plate height 0, the door will be flush with the cabinet at 90°.

MINIMUM GAP

Door thickness	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						

MINIMUM REVEAL

Door thickness	Cup distance							
	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		
25	6.5	6.5	6.0	5.5	4.8	4.0		
26	10.5	9.5	8.5	7.5	6.5	5.5		
	Minimum reveal (F)							

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

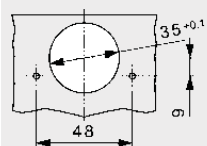
**Important:** The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

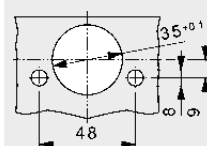
We recommend a trial fitting.

DRILLING PATTERNS

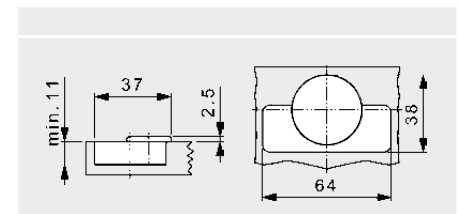
Screw fixing



Press fitting



CUP DIMENSIONS





# NEXIS SLIDE-ON 05

95° profiled door hinge (Door thicknesses up to 30 mm)



- 95° opening angle
- Minimum reveals with thick doors
- Soft-close compatible
- Optimum reveals with door thicknesses up to 30 mm
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Slide-on Screw fixing	Slide-on Press fitting
Full overlay		Steel, nickel-plated	Steel, nickel-plated	0	■	<b>F016073028</b>	-
Half overlay		Steel, nickel-plated	Steel, nickel-plated	8	■	<b>F016073039</b>	-
Inset		Steel, nickel-plated	Steel, nickel-plated	15	■	<b>F016073044</b>	<b>F016073045</b>

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	<b>F069073669</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>		Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Soft-close Click-on set	<b>F069073714</b>		Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>

Nexis Slide-on mounting plates	270
Accessories	274

Soft-close Click-on	284
Technical information	276

Assembly aids	358
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# NEXIS SLIDE-ON 25

95° profiled door hinge (Door thicknesses up to 36 mm)



- 95° opening angle
- Minimum reveals with thick doors
- Ø 40 mm hinge cup
- For thick profiled and frame doors up to 36 mm thickness
- Special spring mechanism ensures excellent closing force – also in the case of large doors
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Slide-on Screw fixing	
Full overlay		Steel, nickel-plated	Zamak, nickel-plated	0	■	<b>F016073066</b>	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated	8	■	<b>F016073068</b>	
Inset		Steel, nickel-plated	Zamak, nickel-plated	15	■	<b>F016073069</b>	

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	<b>F069073669</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>			
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Nexis Slide-on mounting plates	270
Accessories	274

Soft-close Pin	290
Technical information	276

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		K0	Half overlay		K8	Inset		K15																					
Mounting plate height 2			Mounting plate height 2			Mounting plate height 4																							
Door overlay	Cup distance										Door overlay	Door reveal	Cup distance																
	0	3	4	5	6	7	8	9	10	11			8	3	4	5	6	7	8	9	10	11	15	3	4	5	6		
	24													16										0					
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	17													9										0					
	16													8										0					
15											7										0								
14											6										0								
Mounting plate height										Mounting plate height						Mounting plate height													

MINIMUM GAP

Door thickness	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									

MINIMUM REVEAL

Door thickness	Cup distance								
	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			
34	4.2	3.1	2.3	1.6	1.4	1.4			
36	6.5	5.2	4.2	3.5	2.2	1.7			
Minimum reveal (F)									

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

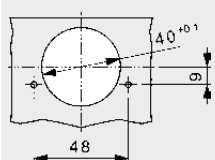
**Important:** The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

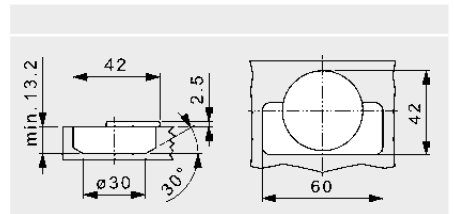
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



# NEXIS SLIDE-ON 05/30/2

+30° angle corner cabinet hinge (Door thicknesses up to 30 mm)



- For 30° angled cabinets
- 95° opening angle
- Optimum reveals with door thicknesses up to 30 mm
- Soft-close compatible
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Slide-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F016073032</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>		Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Soft-close Click-on set	<b>F069073714</b>		Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>

Nexis Slide-on mounting plates	270
Accessories	274

Soft-close Click-on	284
Technical information	276

Assembly aids	358
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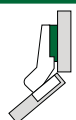
# NEXIS SLIDE-ON 05/45/3

+45° angle corner cabinet hinge (Door thicknesses up to 30 mm)




- For 45° angled cabinets
- 95° opening angle
- Optimum reveals with door thicknesses up to 30 mm
- Soft-close compatible
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate





## ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Slide-on Screw fixing	
Inset		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F016073033</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>		Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Soft-close Click-on set	<b>F069073714</b>		Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>

Nexis Slide-on mounting plates	270
Accessories	274

Soft-close Click-on	284
Technical information	276

Assembly aids	358
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# NEXIS SLIDE-ON 05/45/8

+45° angle corner cabinet hinge (Door thicknesses up to 30 mm)



- For 45° angled cabinets
- 95° opening angle
- Optimum reveals with door thicknesses up to 30 mm
- Soft-close compatible
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Slide-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F016073038</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>		Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Soft-close Click-on set	<b>F069073714</b>		Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>

Nexis Slide-on mounting plates	270
Accessories	274

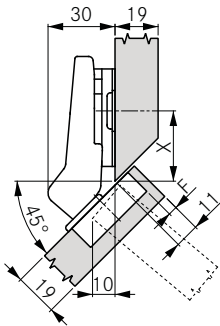
Soft-close Click-on	284
Technical information	276

Assembly aids	358
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INSTALLATION INFORMATION

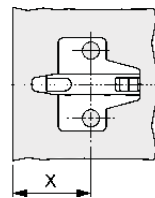
All dimensions in millimetres

Half overlay



Mounting plate height 4

Door overlay max.	Cup distance				Mounting plate height
	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				



X	Mounting plate height			
	0	2	3	4
	35.0	33.0	32.0	31.0

Mounting plate position

MINIMUM GAP

Door thickness	Cup distance				Minimum gap
	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 REVEAL

Door thickness	Cup distance				Minimum reveal (F)
	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	

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

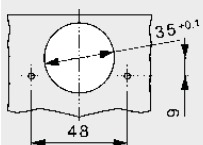
**Important:** The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

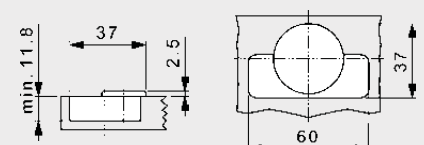
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



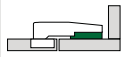
# NEXIS SLIDE-ON 05/90/4

95° blind corner hinge (Door thicknesses up to 30 mm)




- For direct mounting on protruding post
- 95° opening angle
- Optimum reveals with door thicknesses up to 30 mm
- Soft-close compatible
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate





## ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Slide-on Screw fixing	
Inset		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F016073048</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>		Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Soft-close Click-on set	<b>F069073714</b>		Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>

Nexis Slide-on mounting plates	270
Accessories	274

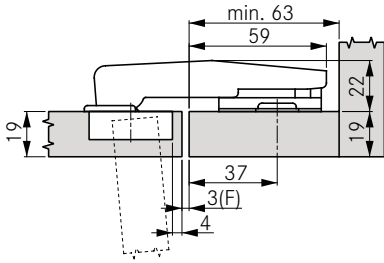
Soft-close Click-on	284
Technical information	276

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Inset



Mounting plate height 4

MINIMUM REVEAL

	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	
Minimum reveal (F)					

NOTES

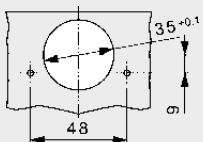
**Important:** The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

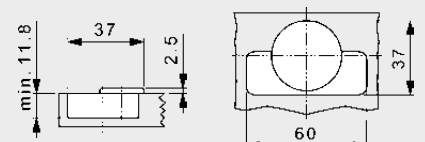
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



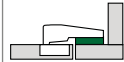
# NEXIS SLIDE-ON 05/90/0

95° blind corner hinge (Door thicknesses up to 30 mm)

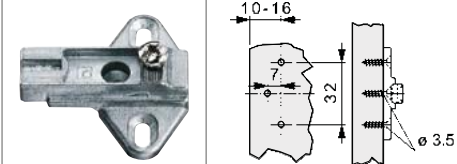


- For direct mounting on protruding post
- 95° opening angle
- Optimum reveals with door thicknesses up to 30 mm
- Soft-close compatible
- Short hinge arm
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Slide-on	Screw fixing
Inset		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F016073027</b>	





## SUITABLE MOUNTING PLATES

Drilling pattern	Height	Material	Fixing	Hole spacing	Item No.	
					Screw fixing	
	0	Zamak, natural	Wood screws	32	<b>F063073348</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>		Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Soft-close Click-on set	<b>F069073714</b>		Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>

Nexis Slide-on mounting plates	270
Accessories	274

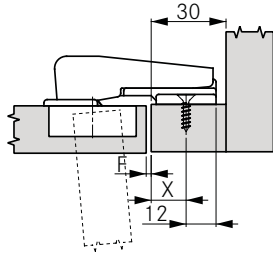
Soft-close Click-on	284
Technical information	276

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Inset



Mounting plate height 0

MOUNTING PLATE POSITION

Mounting plate position (X)	Cup distance				
	3	4	5	6	
17	0				
16	1	0			
15	2	1	0		
14	3	2	1	0	
13	4	3	2	1	
12	5	4	3	2	
11	6	5	4	3	
10	7	6	5	4	
	Door reveal				

MINIMUM REVEAL

Door thickness	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	
	Minimum reveal (F)				

NOTES

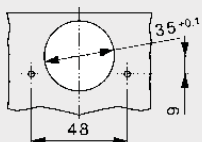
**Important:** The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

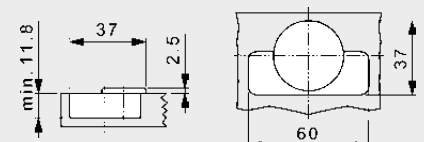
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



# NEXIS SLIDE-ON 70

270° single joint hinge (Door thicknesses 15 to 21 mm)



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

## ORDER INFORMATION

Door overlay		Material		Door thickness	Automatic hold-closed function	Item No.	
		Cup	Arm			Slide-on Screw fixing	
Full overlay		Zamak, nickel-plated	Zamak, nickel-plated	T20 (15 - 21 mm)	■	<b>F016073088</b>	
				T17 (15 - 18 mm)	■	<b>F016073090</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>			
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Nexis Slide-on mounting plates	270
Accessories	274

Soft-close Pin	290
Technical information	276

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay (T20)

Mounting plate height 0

Full overlay (T17)

Mounting plate height 0

Door overlay	Recess depth (x)					
	0	7				
16	0					
15						
14	2					
13	3					
12	4					
11						
10						
9						
8	2					
7	3					
6	4					
Mounting plate height						

NOTES

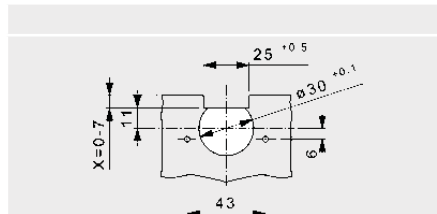
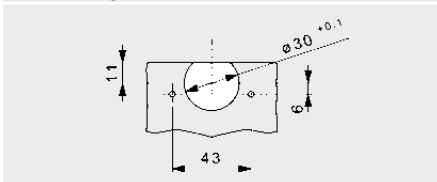
**Important:** The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

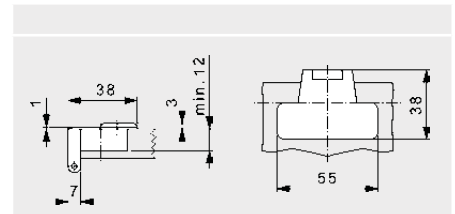
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS





# NEXIS SLIDE-ON 73

270° single joint hinge (Door thicknesses 15 to 21 mm)



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

## ORDER INFORMATION

Door overlay		Material		Cranking	Automatic hold-closed function	Item No.	
		Cup	Arm			Slide-on Screw fixing	
Full overlay		Zamak, nickel-plated	Zamak, nickel-plated	0	■	<b>F016073084</b>	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated	8	■	<b>F016073095</b>	

## COVER CAP

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0/8	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>			
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Nexis Slide-on mounting plates	270
Accessories	274

Soft-close Pin	290
Technical information	276

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		K0		Half overlay		K8			
Mounting plate height 0		Mounting plate height 0							
Door overlay	Recess depth (x)							Door overlay	
	0	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		Mounting plate height							

NOTES

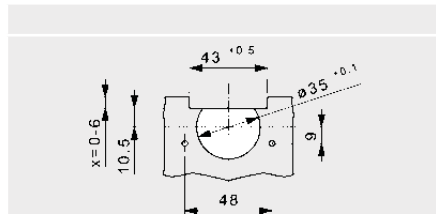
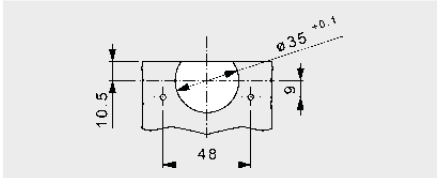
**Important:** Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

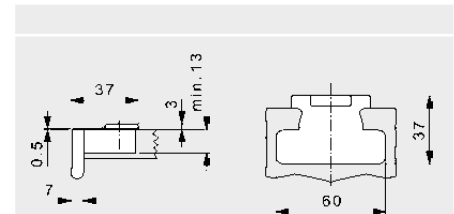
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



# NEXIS SLIDE-ON 80

180° single-joint hinge (for rebated doors)



- 180° opening angle
- With visible nickel-plated finial
- For door thicknesses from 14 to 21 mm
- With automatic hold-closed function
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material		Finials	Automatic hold-closed function	Item No.	
		Cup	Arm			Slide-on Screw fixing	
Overlay		Zamak, nickel-plated	Zamak, nickel-plated	-	■	<b>F016073099</b>	
		Zamak, brass, burnished	Zamak, brass, burnished	-	■	<b>F016073098</b>	
		Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F016135457</b>	
		Zamak, brass, burnished	Zamak, brass, burnished		■	<b>F016073096</b>	
		Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F016073122</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>			
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

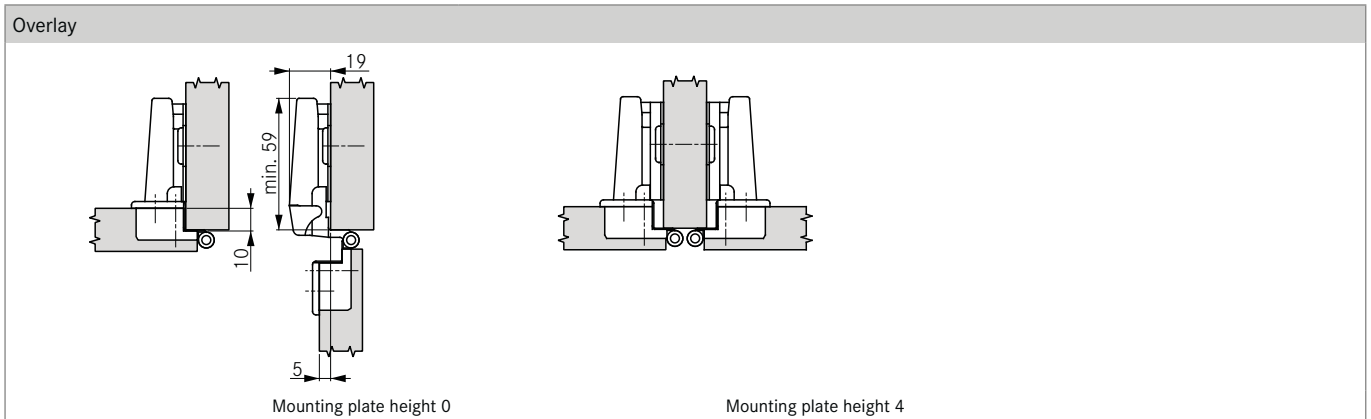
Nexis Slide-on mounting plates	270
Accessories	274

Soft-close Pin	290
Technical information	276

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres



NOTE

We recommend a trial fitting.

Tiomos

Nexis

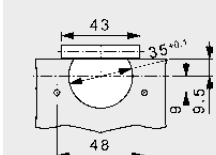
Special hinges

Single-joint hinges

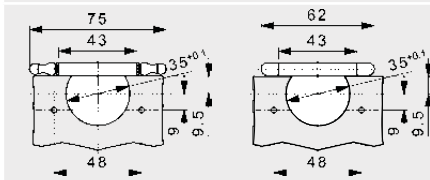
Cabinet making accessories

DRILLING PATTERNS

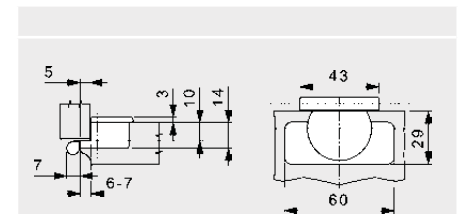
Screw fixing



With finials



CUP DIMENSIONS



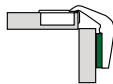
# NEXIS SLIDE-ON PCC

Pie-cut corner hinge (for corner fitting)




- For connecting two corner cabinet doors
- For door thicknesses from 14 to 22 mm
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate


## ORDER INFORMATION

		Material			with spring	Item No.	
		Cup	Arm			Slide-on Screw fixing	
		Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F016073100</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

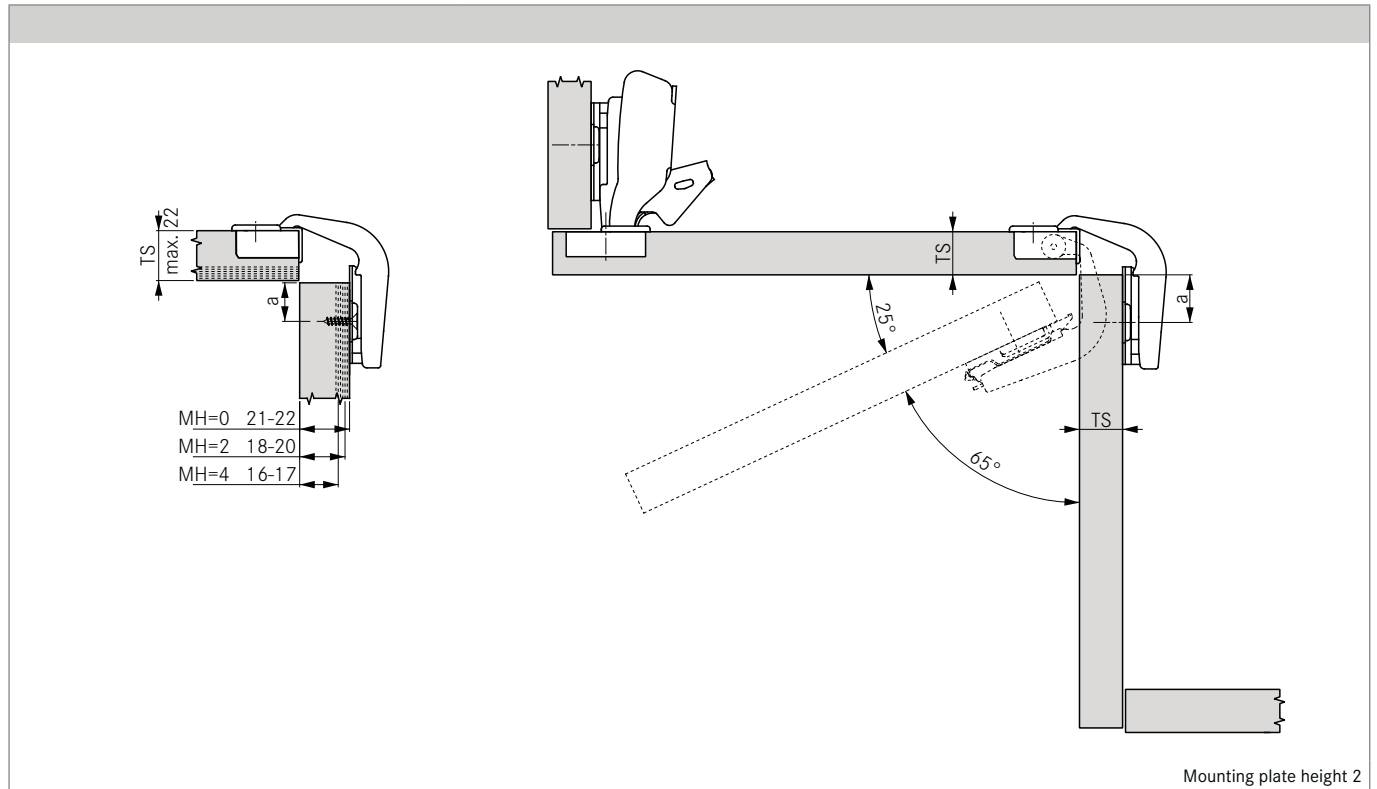
	Designation	Item No.		Designation	Item No.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Nexis Slide-on mounting plates	270
Accessories	274

Technical information	276
Assembly aids	358


INSTALLATION INFORMATION

All dimensions in millimetres



DISTANCE TABLE

	Mounting plate height			
	0	2	4	
16			25	
17			24	
18		22		
19		21		
20		20		
21	18			
22	17			
	Distance (a)			

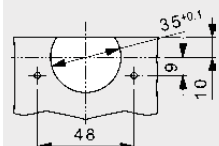
NOTES

Hinge dimensions and reveal calculation with factory setting.

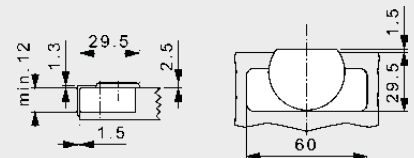
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



# NEXIS SLIDE-ON 17

95° hinge (Door thicknesses up to 19 mm)



- 95° opening angle
- Optimum reveals with door thicknesses up to 19 mm
- Suitable for small doors and doors with narrow frames
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Slide-on Screw fixing	
Full overlay		Steel, nickel-plated	Steel, nickel-plated	0	■	<b>F016073049</b>	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated	8	■	<b>F016073051</b>	
Inset		Steel, nickel-plated	Zamak, nickel-plated	15	■	<b>F016073052</b>	

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0/8	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	15	On request	<b>F069073669</b>

## ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>			
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Nexis Slide-on mounting plates	270
Accessories	274

Technical information	276
Assembly aids	358


INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		K0	Half overlay		K8	Inset		K15										
Mounting plate height 2			Mounting plate height 2			Mounting plate height 4												
Door overlay	Cup distance				Door overlay	Cup distance				Door reveal	Cup distance							
	0	3	4	5		6	8	3	4		5	6	15	3	4	5	6	
	19					0	11					0	0					
	18			0			10				0		9		0	2		
	17		0			2	8	0	2		3		7	0	2	3	4	
	16	0		2		3	6	2	3		4		5	3	4			
	15		2	3		4	4	3	4				4	4				
	14	2	3	4														
	13	3	4															
	12	4																
Mounting plate height			Mounting plate height			Mounting plate height												

MINIMUM GAP

Door thickness	Cup distance			
	3	4	5	6
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	0.0	0.2
Minimum gap				

MINIMUM REVEAL

Door thickness	Cup distance			
	3	4	5	6
16	1.0	1.0	1.0	1.0
18	1.7	1.6	1.5	1.5
19	2.7	2.5	2.2	2.2
20	3.4	2.9	2.5	2.3
22	5.2	4.6	4.1	3.7
Minimum reveal (F)				

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

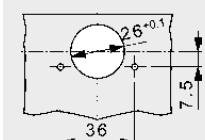
**Important:** The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

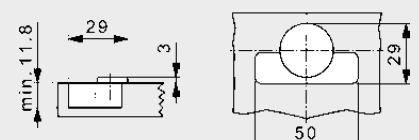
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS





# NEXIS SLIDE-ON 17 AL

95° aluminium frame hinge (Aluminium frame up to 20 mm)



- 95° opening angle
- Optimum reveals with aluminium frames up to 20 mm
- Hinge fits flush with the milled aluminium profile
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Slide-on Screw fixing	
Full overlay		Zamak, nickel-plated	Steel, nickel-plated	0	■	<b>F016073053</b>	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated	8	■	<b>F016073054</b>	
Inset		Zamak, nickel-plated	Zamak, nickel-plated	15	■	<b>F016073055</b>	

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0/8	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	15	On request	<b>F069073669</b>

## ACCESSORIES

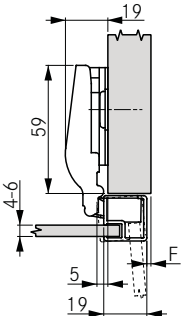
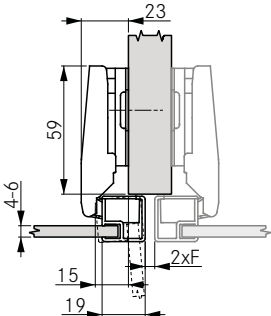
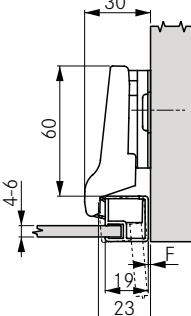
	Designation	Item No.		Designation	Item No.
	Soft-close Pin	<b>F069066528</b>			
	M 3 x 6 screw	<b>F069073405</b>			

Nexis Slide-on mounting plates	270
Accessories	274

Technical information	276
Assembly aids	358


INSTALLATION INFORMATION

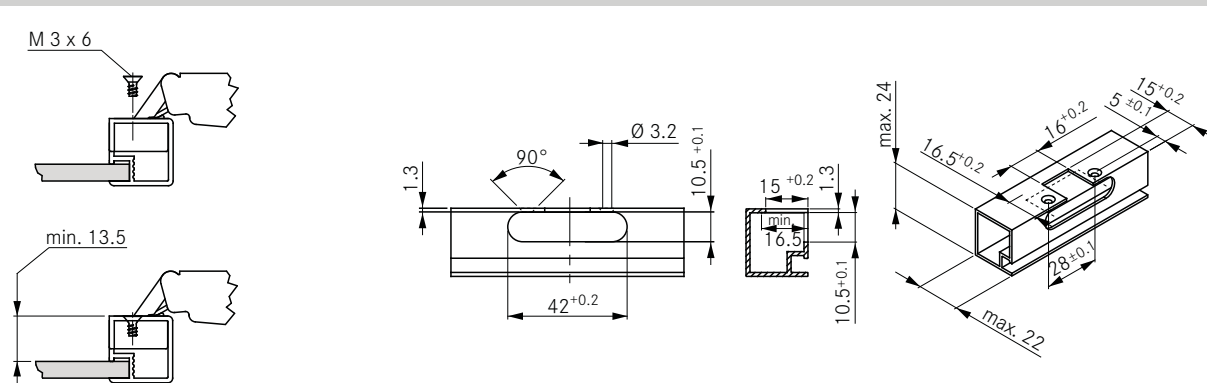
All dimensions in millimetres

Full overlay		K0	Half overlay		K8	Inset		K15
								
Mounting plate height 2			Mounting plate height 4			Mounting plate height 4		
Door overlay	0		8		15			
	17	2	11	0	1	4		
	16	3	9	2				
	15	4	8	3				
			7	4				
Mounting plate height			Mounting plate height			Mounting plate height		

INSTALLATION DIMENSIONS

Hinge dimensions and reveal calculation with factory setting

Fixing screws are not supplied



# NEXIS SLIDE-ON 17 GL

95° glass door hinge (glass thicknesses from 4 to 6 mm)



- Glass door hinge, 26 mm cup
- For glass thicknesses from 4 to 6 mm
- 95° opening angle
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Slide-on	Screw fixing
Full overlay		Plastic, black	Steel, nickel-plated	0	■	<b>F016073056</b>	
Half overlay		Plastic, black	Zamak, nickel-plated	8	■	<b>F016073057</b>	
Inset		Plastic, black	Zamak, nickel-plated	15	■	<b>F016073058</b>	

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0/8	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	15	On request	<b>F069073669</b>

## DECORATIVE COVER CAPS

	Designation	Item No.
	Nickel velour	<b>F069073420</b>
	Nickel polished, eroded	<b>F069073421</b>
	Brass polished, eroded	<b>F069073422</b>
	Silver RAL 9006	<b>F069073410</b>
	Black	<b>F069073424</b>

	Designation	Item No.
	Nickel velour	<b>F069073425</b>
	Nickel polished, eroded	<b>F069073414</b>
	Brass polished, eroded	<b>F069073427</b>
	Silver RAL 9006	<b>F069073417</b>
	Black	<b>F069073428</b>
	Chrome finish	<b>F069073419</b>

## ACCESSORIES

	Designation	Item No.
	Soft-close Pin	<b>F069066528</b>

	Designation	Item No.

Nexis Slide-on mounting plates	270
Accessories	274

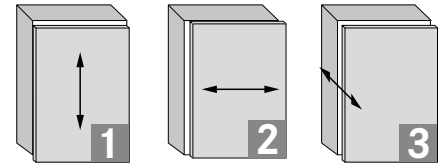
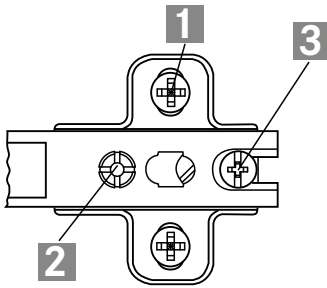
Soft-close Pin	290
Technical information	276

Assembly aids	358



# NEXIS SLIDE-ON

## Mounting plates



Height adjustment  
+/-2 mm

Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm

All adjustments can be carried out independently of each other.

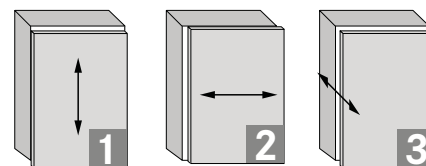
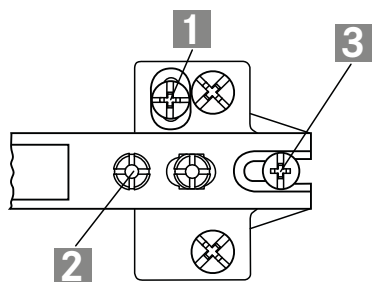
### ORDER INFORMATION

#### CROSS MOUNTING PLATE, 2-POINT FIXING

For screw fixing		37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with wood screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> </ul>			0	<b>F062073298</b>
			2	<b>F062073299</b>
			4	<b>F062073300</b>
<ul style="list-style-type: none"> <li>Zamak, nickel-plated</li> <li>Fixing with wood screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> </ul>			8	<b>F063073351</b>

#### CROSS MOUNTING PLATE, 2-POINT FIXING

With pre-assembled Euro screws		37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with pre-assembled Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> </ul>			0	<b>F062073316</b>
			2	<b>F062073317</b>
			4	<b>F062073318</b>
<ul style="list-style-type: none"> <li>Zamak, nickel-plated</li> <li>Fixing with pre-assembled Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> </ul>			8	<b>F063073366</b>



Height adjustment  
+/-2 mm

Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm

All adjustments can be carried out independently of each other.

## ORDER INFORMATION

### 2-PART CROSS MOUNTING PLATE, 3-POINT FIXING

For screw fixing	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with wood screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> </ul>		0	<b>F062073301</b>
		2	<b>F062073302</b>
		4	<b>F062073303</b>
		8	<b>F062073304</b>

### 2-PART CROSS MOUNTING PLATE, 3-POINT FIXING

For Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> </ul>		0	<b>F062073307</b>
		2	<b>F062073308</b>
		4	<b>F062073309</b>
		8	<b>F062073310</b>
		18	<b>F062073311</b>

### 2-PART COMPACT PLATE, 3-POINT FIXING

For screw fixing	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with wood screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> </ul>		0	<b>F063073340</b>
		2	<b>F063073342</b>
		4	<b>F063073344</b>

### 2-PART COMPACT PLATE, 3-POINT FIXING

For Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> </ul>		0	<b>F063073360</b>
		2	<b>F063073361</b>
		4	<b>F063073362</b>

Tiomos

Nexis

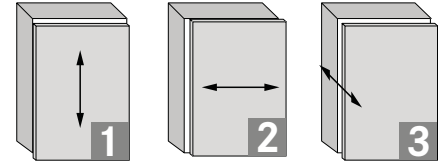
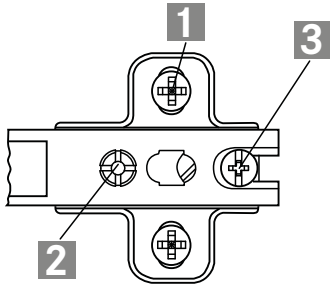
Special hinges

Single-joint hinges

Cabinet making accessories

# NEXIS SLIDE-ON

## Mounting plates



Height adjustment  
+/-2 mm

Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm

All adjustments can be carried out independently of each other.

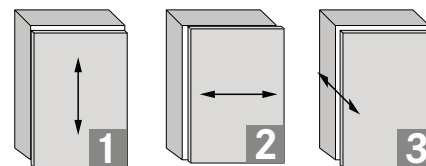
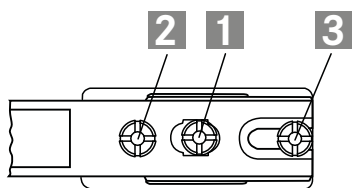
### ORDER INFORMATION

1-PART CROSS MOUNTING PLATE, 2-POINT FIXING, FIXING DISTANCE 28 MM

For screw fixing	28/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with wood screws</li> <li>Fixing distance 28 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment via slot</li> </ul>		0	<b>F062073296</b>
		4	<b>F062073297</b>

1-PART CROSS MOUNTING PLATE, 2-POINT FIXING, FIXING DISTANCE 28 MM

With pre-assembled Euro screws	28/32	Height	Item No.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with pre-assembled Euro screws</li> <li>Fixing distance 28 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment via slot</li> </ul>		0	<b>F062073313</b>
		2	<b>F062073314</b>
		4	<b>F062073315</b>



Height adjustment  
+/-2 mm

Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm

All adjustments can be carried out independently of each other.

## ORDER INFORMATION

### 1D LINEAR MOUNTING PLATE, 2-POINT FIXING

For screw fixing		Height	Item No.
<ul style="list-style-type: none"> <li>• Steel/Zamak, nickel-plated</li> <li>• Fixing with wood screws</li> <li>• Height adjustment</li> </ul>		0	<b>F063073336</b>
		2	<b>F063073337</b>
		4	<b>F063073338</b>

Tiomos

Nexis

Special hinges

Single-joint hinges






Cabinet making accessories





# NEXIS SLIDE-ON

## Accessories


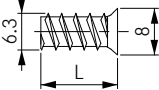

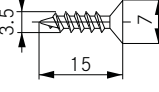

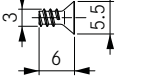
### COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0	On request	<b>F069073548</b>
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	<b>F069073669</b>
	Hinge arm cover cap, plastic, black, Soft-close compatible	-	-	<b>F069073534</b>
	Slide-on hinge cup cover cap, steel, nickel-plated, not imprinted	-	-	<b>F069073687</b>

### OPENING ANGLE REDUCTION CLIPS

	Designation			Item No.
	85° opening angle reduction clip for 110° standard door hinge. Prevents the door from colliding with kitchen unit fronts or walls (when fitted at corners). Plastic, black			<b>F069135032</b>
	120° opening angle reduction clip for 170° wide-angle hinge. Prevents inset doors from colliding with the cabinet. Plastic, black			<b>F069073402</b>

### FIXING SCREWS

	Designation			Item No.
	Euro screw, nickel-plated, Ø 6.3 mm	L = 10.5		<b>F146073979</b>
		L = 13.5		<b>F069135297</b>
	Countersunk wood screw, nickel-plated, Ø 3.5 mm	L = 15		<b>F146073976</b>
	Steel housing fixing screw for aluminium frame hinge, nickel-plated. M 3 x 6 screw	L = 6		<b>F069073405</b>



# NEXIS SLIDE-ON

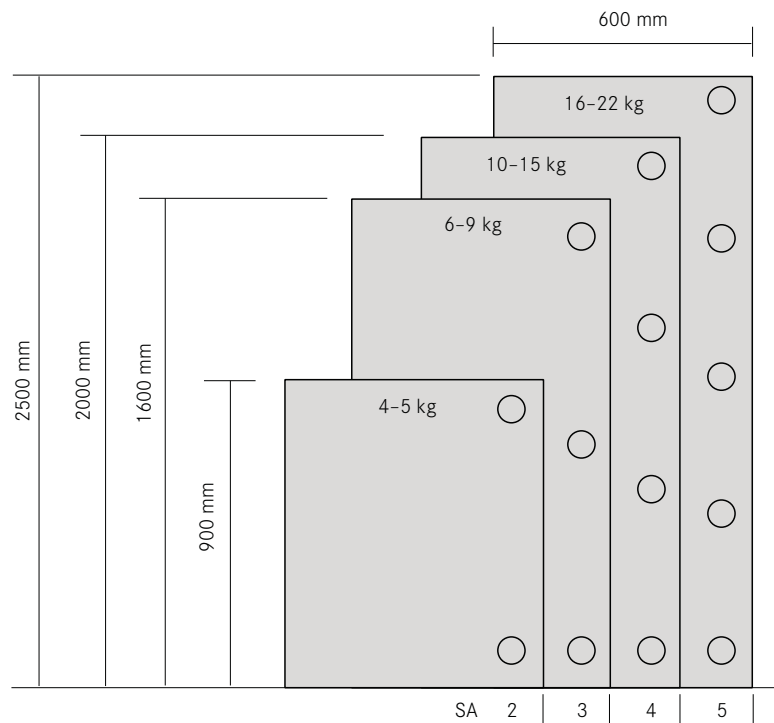
## Technical information

### NUMBER OF HINGES PER DOOR

#### Description

This is determined by the door height, door weight, quality of the material and the fixing of the cup and mounting plate. The load and height data refer to 600 mm standard door widths.

Hinges with Ø 26 mm housings have been tested with a door width of 450 mm. In case of doubt, the number of hinges should be determined with a trial fitting.

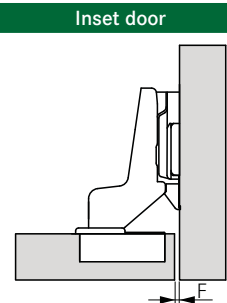
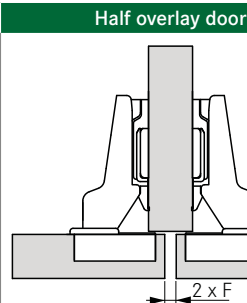
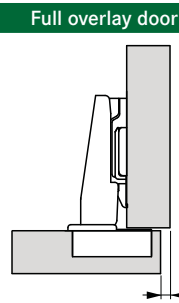


### DOOR REVEAL AND MINIMUM REVEAL

#### Description

The reveal is the distance between two doors or between the door and the cabinet side wall.

The minimum reveal (F) is the clearance required between two doors or between door and side wall so that the door can open without hindrance.



#### Minimum reveal table

The width of reveal required depends on the thickness of the door.

#### Example:

For a **18 mm** thick door and a **cup distance of 6 mm** the reveal required is **0.2 mm**.

#### Important

Reveals were calculated for doors with a radius of 1 mm! Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

Door thickness	Cup distance				Minimum reveal (F)
	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	

#### Achievable reveal with inset door

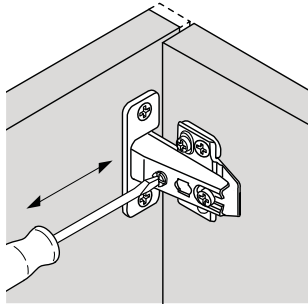
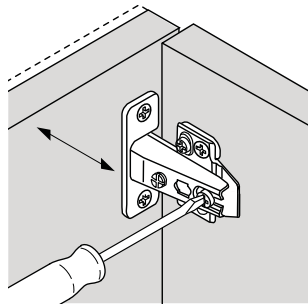
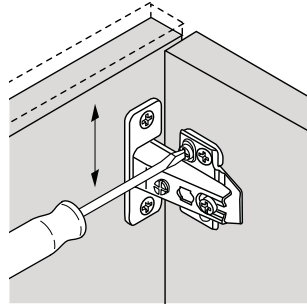
The table shows the achievable reveal width for inset doors, depending on the cup distance and mounting plate height.

#### Example:

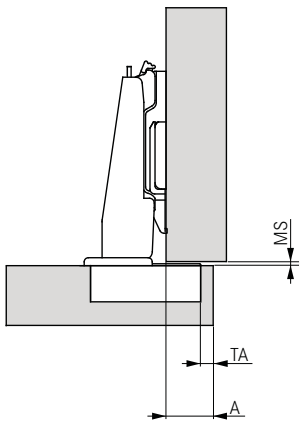
For a **cup distance of 4 mm** and a **mounting plate height of 4 mm** the reveal is **2 mm**.

Door reveal	Cup distance				Mounting plate height
	3	4	5	6	
0		2		4	
1	2		4		
2		4			

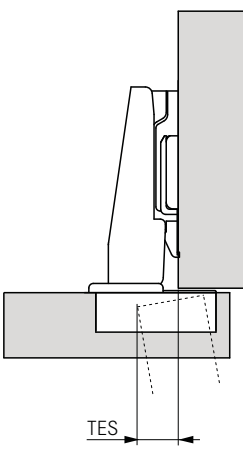
ADJUSTMENTS

Description	Side adjustment +1/-3 mm	Depth adjustment +3/-1 mm	Height adjustment +/- 2mm
The height adjustment option depends on the type of mounting plate. All adjustments can be carried out independently of each other.			

MINIMUM GAP – CUP DISTANCE

Description	Example:																																																																																				
<p><b>The minimum gap (MS)</b> is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.</p> <p><b>The cup distance (TA)</b> is the distance between the edge of the door and the edge of the cup hole.</p> 	<p>For a <b>door thickness</b> of <b>26 mm</b> and a <b>cup distance</b> of <b>6 mm</b>, the <b>minimum gap</b> is <b>0.7 mm</b>.</p> <table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="4">Cup distance</th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <th rowspan="10">Door thickness</th> <td>16</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td></td> <td></td> </tr> <tr> <td>18</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td></td> <td></td> </tr> <tr> <td>19</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td></td> <td></td> </tr> <tr> <td>20</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.5</td> <td></td> <td></td> </tr> <tr> <td>22</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td></td> <td></td> </tr> <tr> <td>24</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td></td> <td></td> </tr> <tr> <td><b>26</b></td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td><b>0.7</b></td> <td></td> <td></td> </tr> <tr> <td>28</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.9</td> <td></td> <td></td> </tr> <tr> <td>30</td> <td>0.5</td> <td>0.5</td> <td>1.1</td> <td>1.1</td> <td></td> <td></td> </tr> <tr> <td></td> <td colspan="4"><b>Minimum gap</b></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Cup distance							3	4	5	6	Door thickness	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			<b>26</b>	0.5	0.5	0.5	<b>0.7</b>			28	0.5	0.5	0.5	0.9			30	0.5	0.5	1.1	1.1				<b>Minimum gap</b>						
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DOOR PROTRUSION / DOOR OVERLAY

Door protrusion	Door overlay																																																																																				
<p><b>Door protrusion (TES)</b> occurs when the door is opened and varies depending on the type of hinge and method of application.</p> <p>It is shown on each catalogue page and refers to the factory setting with the respective mounting plate shown. It can be altered by using a different mounting plate height and by changing the side adjustment.</p> 	<p>The door overlay (A) is that part of the side wall or frame which is covered by the door.</p> <p><b>Example:</b> With a hinge with cranking size 8, a <b>mounting plate height</b> of <b>0</b> and a <b>cup distance</b> of <b>5 mm</b>, the <b>door overlay</b> is <b>10 mm</b>.</p> <table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="4">Cup distance</th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <th rowspan="10">Door overlay</th> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>11</td> <td></td> <td></td> <td></td> <td>0</td> <td></td> <td></td> </tr> <tr> <td><b>10</b></td> <td></td> <td></td> <td><b>0</b></td> <td></td> <td></td> <td></td> </tr> <tr> <td>9</td> <td></td> <td>0</td> <td></td> <td>2</td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>0</td> <td></td> <td>2</td> <td>3</td> <td></td> <td></td> </tr> <tr> <td>7</td> <td></td> <td>2</td> <td>3</td> <td>4</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>2</td> <td>3</td> <td>4</td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>3</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td colspan="4"><b>Mounting plate height</b></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Cup distance							3	4	5	6	Door overlay	8							11				0			<b>10</b>			<b>0</b>				9		0		2			8	0		2	3			7		2	3	4			6	2	3	4				5	3	4					4	4							<b>Mounting plate height</b>						
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Tiomos

Nexis

Special hinges

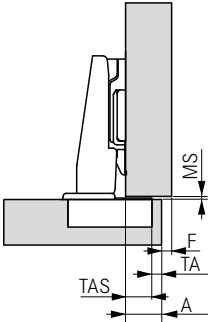
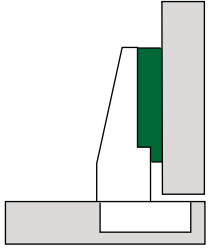
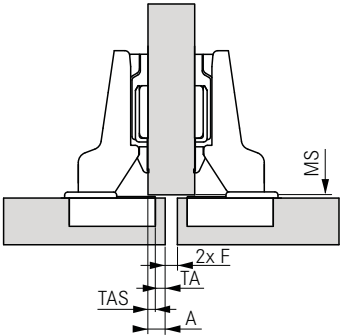
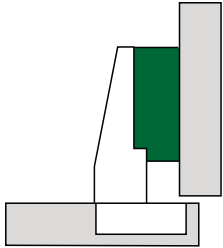
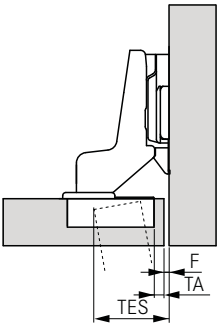
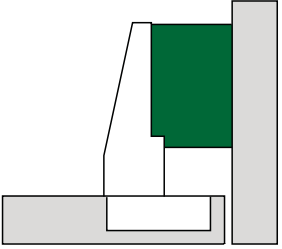
Single-joint hinges

Cabinet making accessories

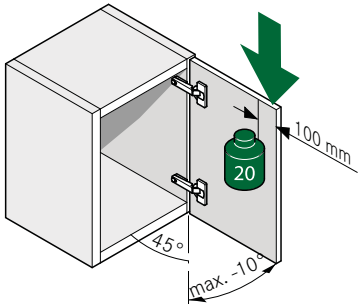
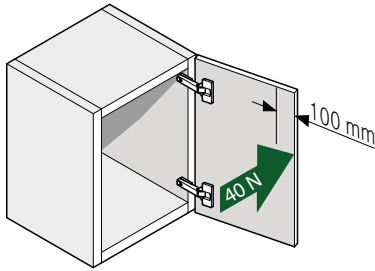
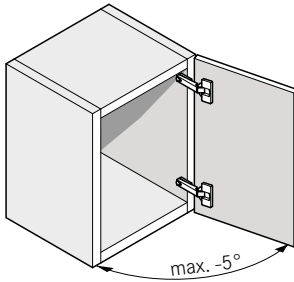
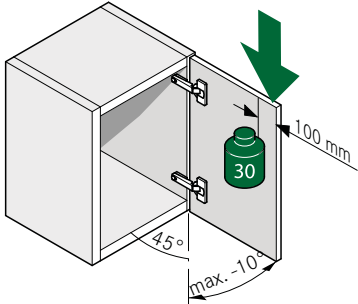
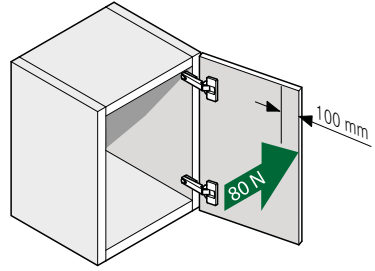
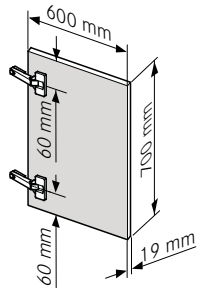
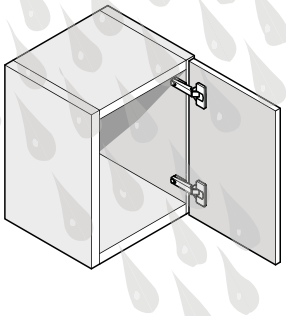
# NEXIS SLIDE-ON

## Technical information

### OPTIONS FOR CHANGING THE DOOR OVERLAY

By selecting the cranking	By using a mounting plate with a different height
<p><b>Full overlay (cranking 0)</b></p> <p>The door overlay (A) is the cup overlay (TAS/factory setting) plus the cup distance (TA).</p> <p>The dimensions are shown in a table on the respective catalogue page.</p> 	<p><b>Full overlay</b></p> <p>Hinge with 0 cranking and mounting plate height 0</p> 
<p><b>Half overlay (cranking 8)</b></p> <p>The door overlay (A) is the cup overlay (TAS/factory setting) plus the cup distance (TA).</p> <p>The dimensions are shown in a table on the respective catalogue page.</p> 	<p><b>Half overlay</b></p> <p>Hinge with 0 cranking and mounting plate height 8</p> 
<p><b>Inset (cranking 15)</b></p> <p>There is no door overlay.</p> <p>The reveal (F) between the cabinet side wall and the door depends on the mounting plate height (MH) and the cup distance (TA).</p> <p>The dimensions are shown in a table on the respective catalogue page.</p> 	<p><b>Inset</b></p> <p>Hinge with 0 cranking and mounting plate height 18</p> 

TEST CRITERIA FOR HINGES

Functional test		
<p><b>Static load – vertical</b> Additional load: 20 kg Opening angle: max. -10° Number: 10</p> 	<p><b>Static load – horizontal</b> Force: 40 N Number: 10</p> 	<p><b>Endurance test</b> Opening angle: max. -5° Open and close movements: 100,000</p> 
Overload testing		
<p><b>Vertical</b> Additional load: 30 kg Opening angle: max. -10° Number: 10</p> 	<p><b>Horizontal</b> Force: 80 N Number: 10</p> 	<p><b>Test door</b> Weight approx. 5.2 kg</p> 
Salt spray and humidity test		
<p>Based on DIN ISO 9227 and DIN 6270-2</p> 		

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories



#### NEXIS SOFT-CLOSE

This unique hinge damping system gently slows down the movement and closes the furniture door softly and quietly. Convenient, quiet and can be retrofitted.

QUALITY CERTIFICATE  
**LGAD**



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

Soft-close can be inserted securely and without tools into the hinges of the various hinge series, either straight away or at a later date. Quick, reliable and completely tool-free. The movement is gently slowed down and the furniture door closes softly and quietly – a perfect balance of form and function. The number of Soft-close dampers per door depends on its size and weight.

# SOFT-CLOSE FOR NEXIS

Damping system suitable for retrofitting to all Nexis hinge systems.

Product designation	Application	Page
Soft-close Impresso	Nexis Impresso hinges (95°, 100°, 110° and 125°)	282
Soft-close Click-on	Nexis Click-on and Slide-on hinges (95°, 100°, 110° and 125°)	284
170° Soft-close	Nexis wide-angle hinges 170°	286
Soft-close Mirro	Nexis Click-on Mirro hinges	288
Soft-close Pin	Pneumatic damper for doors	290
Assembly aids		358

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories



# SOFT-CLOSE IMPRESSO

For Nexis Impresso 95°, 100°, 110° and 125° hinges



- Tool-free installation – can also be retrofitted
- No additional drilling of the cabinet or door
- Damping levels can be individually adjusted
- Damping system to be used with hinges from the Nexis Impresso series

## ORDER INFORMATION

Soft-close Impresso set	Item No.
<p><b>1 set includes:</b></p> <ul style="list-style-type: none"> <li>• 1 Soft-close adapter for Nexis Impresso hinges</li> <li>• 1 Soft-close damper</li> <li>• 2 cover caps</li> </ul>	<p><b>F069073728</b></p>
Soft-close Impresso adapter	Item No.
<ul style="list-style-type: none"> <li>• Soft-close Impresso adapter for Nexis Impresso hinges</li> </ul>	<p><b>F069073726</b></p>
Soft-close damper	Item No.
<ul style="list-style-type: none"> <li>• Soft-close damper for Soft-close Impresso adapter</li> </ul>	<p><b>F069073701</b></p>

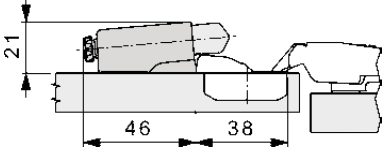
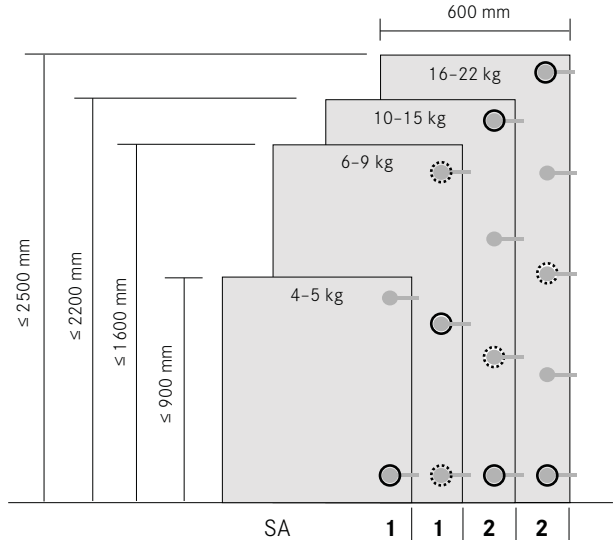
## COVER CAPS







	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	<b>F069073669</b>

Nexis Impresso	125
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INSTALLATION INFORMATION

All dimensions in millimetres

Dimensions	Position for Soft-close Impresso
	 <p>○ Recommended position for Soft-close Impresso ⊙ Position for additional Soft-close Impresso (if required)</p>

Installation	Soft-close Impresso - quick and easy to fit
<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <p>1</p>  </div> <div style="width: 50%;"> <p>2</p>  </div> <div style="width: 50%;"> <p>3</p>  </div> <div style="width: 50%;"> <p>4</p>  </div> <div style="width: 50%;"> <p>5</p>  </div> <div style="width: 50%;"> <p>6</p>  </div> </div>	<ol style="list-style-type: none"> <li>Remove door from cabinet and open hinge cup cover.</li> <li>Place Soft-close Impresso adapter level onto both matching parts in the hinge cup, ensure proper fit and press down firmly.</li> <li>Close hinge cup cover and press down fully. Adapter must make full contact with the door.</li> <li>Fully insert damper into the adapter opening, with the flat side facing downwards.</li> <li>Re-hang the door and, if required, adjust the damping level via the adjustment screw.</li> <li>If not already in place, fit the short hinge arm cover cap (supplied with the set).</li> </ol> <p><b>NOTES</b></p> <p>When fitting GRASS furniture hardware, the installation instructions supplied with the applicable sales literature must be observed in detail, otherwise the company cannot accept liability.</p> <p>If you require further information relating to installation and assembly, please contact one of our factories directly.</p> <p>We thank you for your understanding.</p>

LEGEND

SA	Number of hinges
----	------------------

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

# SOFT-CLOSE CLICK-ON

For Nexis Click-on and Slide-on 95°, 100°, 110° and 125° hinges



- Tool-free installation – can also be retrofitted
- No additional drilling of the cabinet or door
- Damping levels can be individually adjusted
- Damping system to be used with hinges from the Nexis Click-on and Nexis Slide-on series

## ORDER INFORMATION

Soft-close Click-on set	Item No.
<p><b>1 set includes:</b></p> <ul style="list-style-type: none"> <li>• 1 Soft-close adapter with pre-assembled Soft-close damper for Nexis Click-on and Nexis Slide-on hinges</li> <li>• 1 hinge cup cover cap</li> <li>• 2 cover caps</li> </ul>	<p><b>F069073714</b></p>
Soft-close adapter	Item No.
<ul style="list-style-type: none"> <li>• Soft-close adapter incl. pre-assembled Soft-close damper for Nexis Click-on and Nexis Slide-on hinges</li> </ul>	<p><b>F069073715</b></p>

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	<b>F069073669</b>

## ACCESSORIES

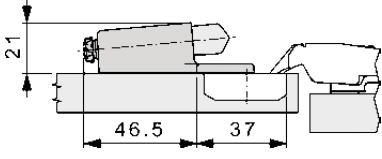
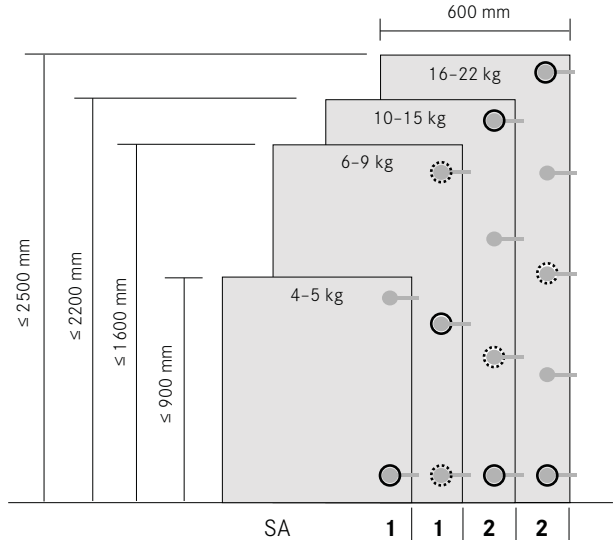
	Designation	Item No.		Designation	Item No.
	Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>			








Nexis Click-on	167



INSTALLATION INFORMATION

All dimensions in millimetres

Dimensions	Position for Soft-close Click-on
	 <p style="text-align: center;">SA    1    1    2    2</p> <p style="text-align: right;">○ Recommended position for Soft-close Click-on ⊙ Position for additional Soft-close Click-on (if required)</p>

Installation	Soft-close Click-on - quick and easy to fit
<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%; text-align: center;"> <p>1</p>  </div> <div style="width: 33%; text-align: center;"> <p>2</p>  </div> <div style="width: 33%; text-align: center;"> <p>3</p>  </div> <div style="width: 33%; text-align: center;"> <p>4</p>  </div> <div style="width: 33%; text-align: center;"> <p>5</p>  </div> <div style="width: 33%; text-align: center;"> <p>6</p>  </div> </div> 	<p>1 Hinges with 0 cranking: remove hinge arm cover cap (if fitted).</p> <p>2 Insert Soft-close Click-on adapter, engaging the two small hooks at a slight angle in the recesses underneath the hinge cup.</p> <p>3 Press down both sides of the adapter simultaneously, until it engages with an audible click.</p> <p>4 If required, fit short hinge arm cover cap (supplied with the set).</p> <p>5 If required, the adjustment screw can be used to finely adjust the Soft-close Click-on to different opening angles and cranking.</p> <p>6 The cover cap (supplied with the set) for hinges without Soft-close Click-on or Slide-on is used to ensure a uniform appearance.</p> <p><b>NOTES</b></p> <p>When fitting GRASS furniture hardware, the installation instructions supplied with the applicable sales literature must be observed in detail, otherwise the company cannot accept liability.</p> <p>If you require further information relating to installation and assembly, please contact one of our factories directly.</p> <p>We thank you for your understanding.</p>

LEGEND

SA    Number of hinges

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

# 170° SOFT-CLOSE

For Nexis wide-angle hinges 170°



- For Nexis Impresso, Nexis Click-on and Nexis Slide-on 170° wide-angle hinges
- Tool-free installation – can also be retrofitted
- No additional drilling of the cabinet or door
- Damping levels can be individually adjusted

## ORDER INFORMATION

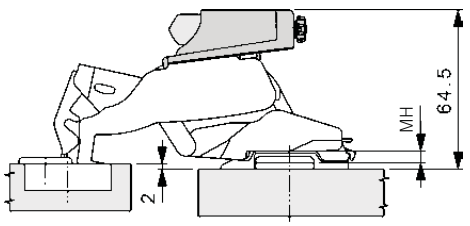
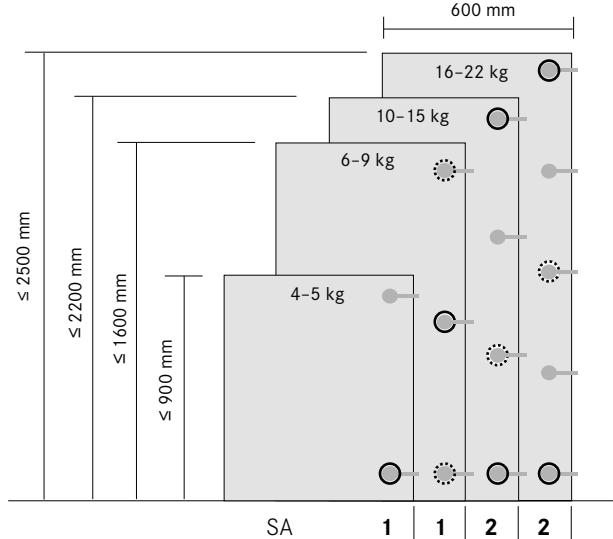
170° Soft-close	Item No.
<ul style="list-style-type: none"> <li>• Soft-close adapter for Nexis Impresso, Nexis Click-on and Nexis Slide-on 170° wide-angle hinge with pre-assembled Soft-close damper</li> </ul>	<div> </div> <p><b>F069073729</b></p>



Nexis Impresso	125
Nexis Click-on	167

Nexis Slide-on	231


INSTALLATION INFORMATION

All dimensions in millimetres

Dimensions	Position for 170° Soft-close
 <p>Drawing with mounting plate height 2</p>	 <p>○ Recommended position for Soft-close 170° ⊙ Position for additional Soft-close 170° (if required)</p>

Installation	170° Soft-close - quick and easy to fit
<p>1 </p> <p>2 </p>	<ol style="list-style-type: none"> <li>1 Insert 170° Soft-close adapter, engaging the two small hooks at a slight angle in the recesses underneath the hinge arm.</li> <li>2 Press down adapter until it engages with an audible click.</li> </ol> <p><b>NOTES</b></p> <p>When fitting GRASS furniture hardware, the installation instructions supplied with the applicable sales literature must be observed in detail, otherwise the company cannot accept liability.</p> <p>If you require further information relating to installation and assembly, please contact one of our factories directly.</p> <p>We thank you for your understanding.</p>

LEGEND

MH	Mounting plate height
SA	Number of hinges

Tiomos

Nexis

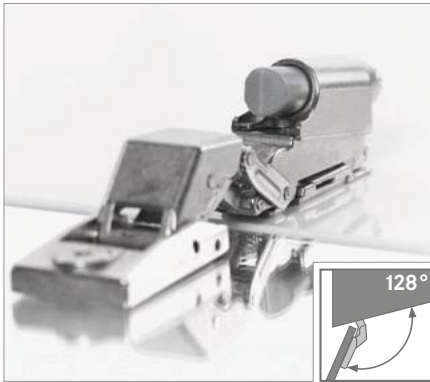
Special hinges

Single-joint hinges

Cabinet making accessories

# SOFT-CLOSE MIRRO

For Nexis Click-on Mirro hinges



- For Nexis Click-on Mirro and Mirro -15° hinges
- Tool-free installation – can also be retrofitted
- No additional drilling of the cabinet
- Damping levels can be individually adjusted

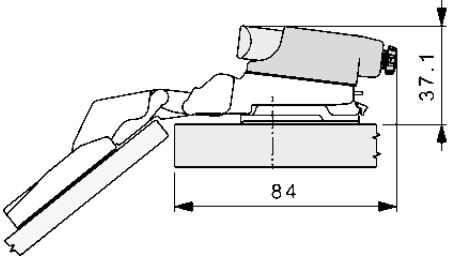
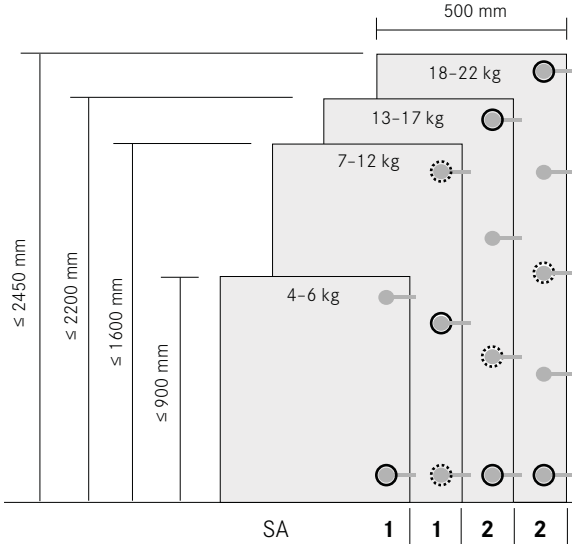
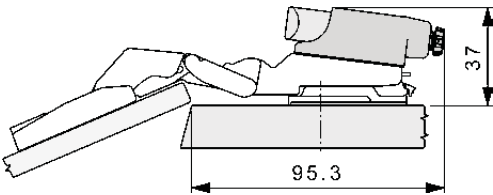


## ORDER INFORMATION

Soft-close Mirro	Item No.
<ul style="list-style-type: none"> <li>• Soft-close adapter with pre-assembled Soft-close damper for Nexis Click-on Mirro and Mirro -15° hinges</li> </ul> 	<p><b>F069073711</b></p>

Nexis Slide-on	231
Nexis Click-on Mirro 07/-15	214

INSTALLATION INFORMATION

All dimensions in millimetres

Mirro dimensions	Position for Soft-close Mirro
 <p>Drawing with mounting plate height 2</p>	 <p>○ Recommended position for Soft-close Mirro ⊙ Position for additional Soft-close Mirro (if required)</p>
<p>Mirro -15° dimensions</p>  <p>Drawing with mounting plate height 2</p>	<p>Soft-close Mirro - quick and easy to fit</p> <ol style="list-style-type: none"> <li>1 Insert Soft-close Mirro adapter engaging the hook into the recess underneath the hinge arm.</li> <li>2 Push the adapter back until it engages with an audible click.</li> </ol> <p><b>NOTES</b></p> <p>When fitting GRASS furniture hardware, the installation instructions supplied with the applicable sales literature must be observed in detail, otherwise the company cannot accept liability.</p> <p>If you require further information relating to installation and assembly, please contact one of our factories directly.</p> <p>We thank you for your understanding.</p>
<p>Installation</p> <ol style="list-style-type: none"> <li>1 </li> <li>2 </li> </ol>	

LEGEND

SA	Number of hinges	



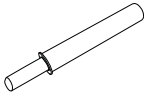
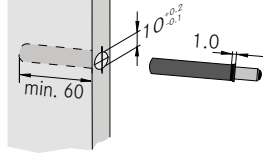
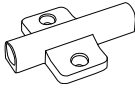
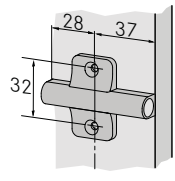
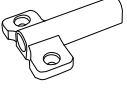
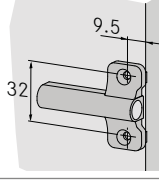
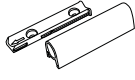
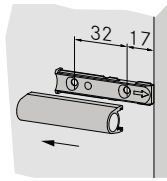
# SOFT-CLOSE PIN

Pneumatic damper for doors



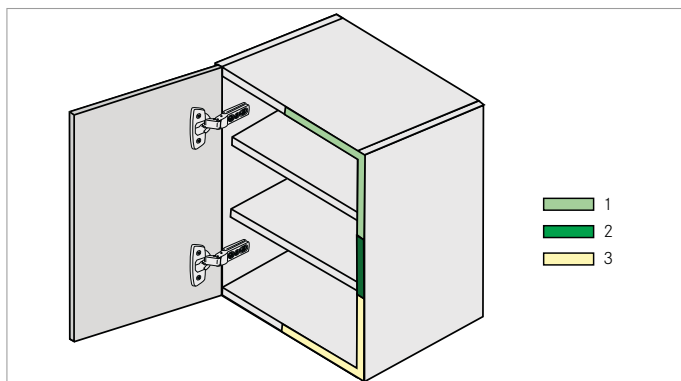
- Suitable for all door sizes, shapes and materials
- Can also be retrofitted
- For insertion into a drill hole or for fitting with adapter plate

## ORDER INFORMATION

Soft-close Pin	For drilling	Item No.
<ul style="list-style-type: none"> <li>• Hole drilled into cabinet front edge</li> <li>• For perfect appearance</li> <li>• Housing: plastic, anthracite</li> <li>• Piston: light grey</li> </ul> 		<b>F069066528</b>
Adapter plate for line hole drilling	For Euro screws	Item No.
<ul style="list-style-type: none"> <li>• Suitable for hole spacing 28 mm and 37 mm</li> <li>• Fixing with Euro screws (6.3 x 13.5)</li> <li>• Plastic, light grey</li> </ul> 		<b>F069063310</b>
Frame adapter plate	For screw fixing	Item No.
<ul style="list-style-type: none"> <li>• For quick retrofit installation</li> <li>• Fixing with wood screws (3.5 x 13)</li> <li>• Plastic, light grey</li> </ul> 		<b>F069073697</b>
Linear adapter plate	For screw fixing	Item No.
<ul style="list-style-type: none"> <li>• Design solution – also in conjunction with inset doors</li> <li>• Fixing with wood screws (3.5 x 13)</li> <li>• Plastic, light grey</li> </ul> 		<b>F069073696</b>

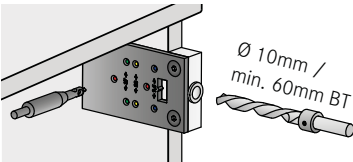
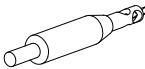
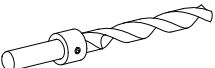
Nexis Impresso	125
Nexis Click-on	167

Nexis Slide-on	231
Special hinges	307

- Possible damper positions when fitting to a standard door:
  - 1 good position
  - 2 optimum position
  - 3 possible position
- For larger doors we recommend the installation of an additional damper.

## ORDER INFORMATION

Drilling jig for adapter plates and drill-in damper	Item No.
<ul style="list-style-type: none"> <li>• The GRASS drilling jig for Soft-close can be used for drilling all adapter plate versions and the drill-in damper</li> <li>• <b>Note:</b> Drill bits are not supplied!</li> </ul>  <p>Ø 10mm / min. 60mm BT</p>	<b>F146095470</b>
Pilot drill bit	Item No.
<ul style="list-style-type: none"> <li>• Ø 3.5 mm</li> </ul> 	<b>F146035692</b>
Pilot drill bit with stop ring	Item No.
<ul style="list-style-type: none"> <li>• Ø 10 mm</li> </ul> 	<b>F146038823</b>

## LEGEND

BT	Drilling depth		
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Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories



#### NEXIS TIPMATIC

Tipmatic opens handle-free furniture doors elegantly and conveniently. Available as the Tipmatic Pin or as the high-quality Tipmatic Plus solution.

**Opening furniture doors mechanically: gently tapping the handle-free door is enough – it then opens as if by magic.**

The architecture of modern furniture appeals with large surfaces, streamlined design and refreshing simplicity of form. Minimalism and understated elegance are the trends of our time. It follows that furniture designers are increasingly focusing on movement systems without handles or grip recesses. Tipmatic offers optimum design options for enhancing the appearance and design of these items of furniture. Tipmatic – the convenient design solution for hinged doors.

**Tipmatic and Tipmatic Plus – the exclusive solution for handle-free furniture doors.**

**Tipmatic Plus** consists of a combination of the hold-closed unit and the ejector element. It is not necessary to insert special hinges with a special opening spring. Fitting Tipmatic Plus to hinges is easy – retrofitting is also possible.

**Tipmatic** comprises two elements: the pin-shaped Tipmatic Pin and the magnetic counterpart in the door. The Tipmatic Pin is almost fully concealed.

# TIPMATIC FOR NEXIS

The mechanical opening system for handle-free furniture doors. Gently tapping the door is enough – furniture doors then open as if by magic.

Product designation	Application	Page
<b>Tipmatic Plus Impresso set</b>	Nexis Impresso hinges without self-closing mechanism	294
<b>Tipmatic Plus Click-on</b>	Nexis Click-on hinges without self-closing mechanism	296
<b>170° Tipmatic Plus</b>	170° wide-angle hinges without self-closing mechanism	298
<b>Tipmatic Plus Mirro</b>	Nexis Click-on Mirro and Mirro -15° hinges without self-closing mechanism	300
<b>Tipmatic Pin</b>	Handle-free wood/aluminium frame doors and glass/mirror doors	302
<b>Assembly aids</b>		304

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

# TIPMATIC PLUS IMPRESSO

For Nexis Impresso hinges without self-closing mechanism



- Doors open by gently tapping the front, in a wide opening angle
- Compatible with hinges from the Nexis Impresso series without self-closing mechanism
- Can also be retrofitted thanks to easy installation

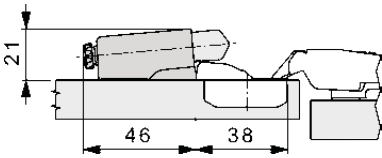
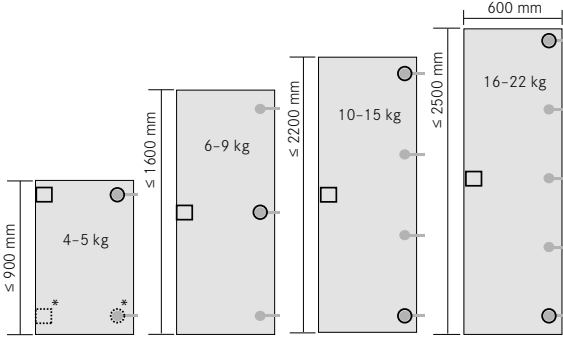
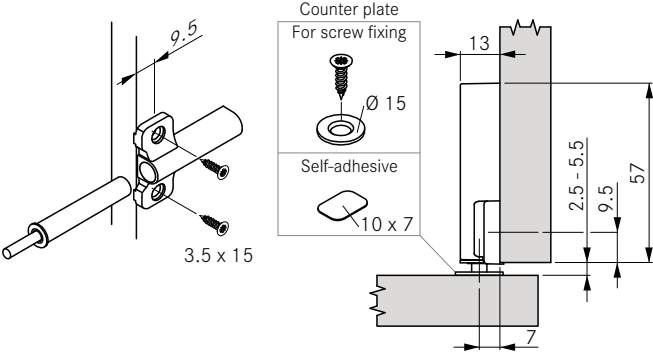
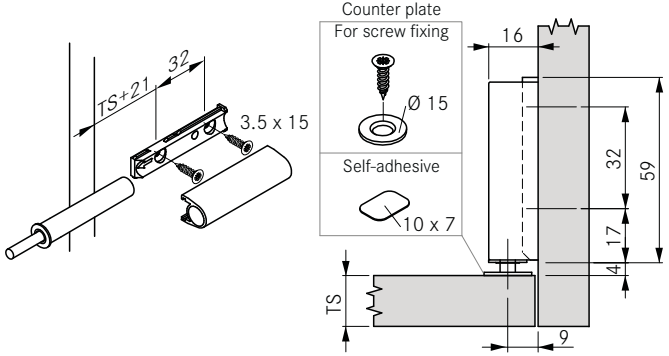




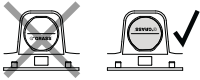

## ORDER INFORMATION

<p><b>Tipmatic Plus Impresso set</b></p> <p><b>1 set includes:</b></p> <ul style="list-style-type: none"> <li>• 1 Tipmatic Plus Impresso adapter</li> <li>• 1 Tipmatic Plus ejector</li> <li>• 1 counter plate, self-adhesive</li> <li>• 1 counter plate for screw fixing, inc. screw</li> <li>• 1 magnetic pin</li> </ul>	<p>Item No.</p> <p><b>F069135014</b></p>
<p><b>Tipmatic Plus Impresso adapter</b></p> <ul style="list-style-type: none"> <li>• Tipmatic Plus Impresso adapter for Nexis Impresso hinges</li> </ul>	<p>Item No.</p> <p><b>F069135013</b></p>
<p><b>Tipmatic Plus ejector</b></p> <ul style="list-style-type: none"> <li>• Tipmatic Plus ejector for Tipmatic Plus Impresso adapter</li> </ul>	<p>Item No.</p> <p><b>F069135060</b></p>
<p><b>Linear adapter plate for magnetic pin</b></p> <ul style="list-style-type: none"> <li>• Design solution, also in conjunction with inset doors</li> <li>• Fixing with wood screws (Ø 3.5 x 13 mm)</li> </ul>	<p>Item No.</p> <p><b>F069073696</b></p>
<p><b>Frame adapter plate for magnetic pin</b></p> <ul style="list-style-type: none"> <li>• For quick retrofit installation</li> <li>• Fixing with wood screws (Ø 3.5 x 13 mm)</li> </ul>	<p>Item No.</p> <p><b>F069073697</b></p>
<p><b>Magnetic pin and counter plates</b></p> <p><b>1 set includes:</b></p> <ul style="list-style-type: none"> <li>• 1 magnetic pin</li> <li>• 1 counter plate, self-adhesive</li> <li>• 1 counter plate for screw fixing, inc. screw</li> </ul>	<p>Item No.</p> <p><b>F069135396</b></p>

Nexis Impresso 125

INSTALLATION INFORMATION

All dimensions in millimetres

Dimensions	Position for Tipmatic Plus Impresso
	 <p> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">○</span> Recommended position for Tipmatic Plus Impresso.  <span style="border: 1px solid black; padding: 2px;">□</span> Position for counter plate (at level of the magnetic pin). One magnet pin per door.  <span style="border: 1px dashed black; padding: 2px;">*</span> Recommended position for Tipmatic Plus Impresso for applications in wall cabinets.  <span style="border: 1px dotted black; padding: 2px;">*</span> Position for counter plate (at level of the magnetic pin). In wall cabinets. One magnet pin per door.         </p>
Position for frame adapter plate	Position for linear adapter plate
 <p>Do not use door buffers! Counter plate, self-adhesive or for screw fixing.</p>	 <p>Do not use door buffers! Counter plate, self-adhesive or for screw fixing.</p>
Installation	Tipmatic Plus Impresso – quick and easy to fit
<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <p>1</p>  </div> <div style="width: 50%;"> <p>2</p>  </div> <div style="width: 50%;"> <p>3</p>  </div> <div style="width: 50%;"> <p>4</p>  </div> <div style="width: 100%; text-align: center;">  </div> <div style="width: 100%;"> <p>5</p>  </div> </div>	<p>1 Remove door from the cabinet, take off hinge arm cover cap (if fitted) and open the hinge cup cover.</p> <p>2 Place Tipmatic Plus Impresso adapter level onto both matching parts in the hinge cup, ensure proper fit and press down firmly.</p> <p>3 Close hinge cup cover and press down fully. Adapter must make full contact with the door.</p> <p>4 Fully insert Tipmatic Plus ejector into the adapter opening, with the flat side facing downwards.</p> <p>5 Clip the door back on to the mounting plates, adjust the front gap, replace hinge arm cover cap (if available).</p> <p><b>NOTES</b></p> <p><b>Tipmatic Plus Impresso is only suitable for hinges without self-closing mechanism.</b></p> <p>For framed doors we recommend Tipmatic Plus Click-on.</p> <p><b>Before attaching the self-adhesive plate, ensure that the surface is clean and free from grease.</b></p> <p>GRASS does not give any warranty if Tipmatic Plus is used with a different hold-closed system. When fitting GRASS furniture hardware, the installation instructions supplied with the applicable sales literature must be observed in detail, otherwise the company cannot accept liability. If you require further information relating to installation and assembly, please contact one of our factories directly. We thank you for understanding.</p>

Tiimos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

# TIPMATIC PLUS CLICK-ON

For Nexis Click-on hinges without self-closing mechanism



- Doors open by gently tapping the front, in a wide opening angle
- Compatible with hinges from the Nexis Click-on series without self-closing mechanism
- Can also be retrofitted thanks to easy installation

## ORDER INFORMATION

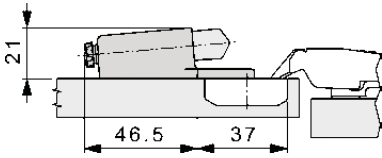
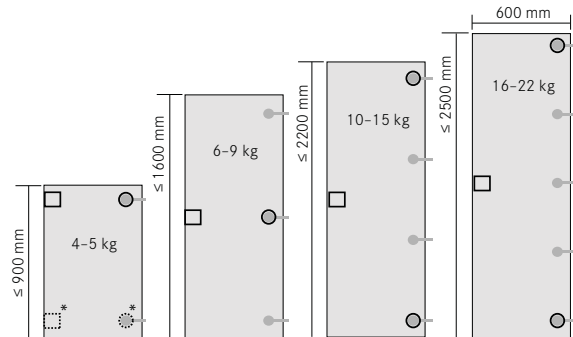
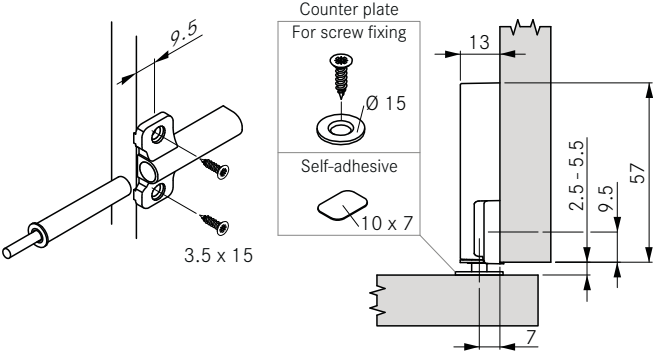
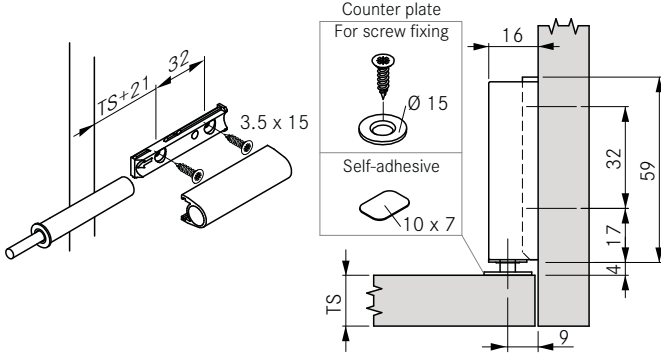







Tipmatic Plus Click-on set		Item No.
<p><b>1 set includes:</b></p> <ul style="list-style-type: none"> <li>• 1 Tipmatic Plus Click-on adapter</li> <li>• 1 Tipmatic Plus ejector</li> <li>• 1 counter plate, self-adhesive</li> <li>• 1 counter plate for screw fixing, inc. screw</li> <li>• 1 magnetic pin</li> </ul>		<p><b>F069073752</b></p>
Tipmatic Plus Click-on adapter		Item No.
<ul style="list-style-type: none"> <li>• Tipmatic Plus Click-on adapter for Nexis Click-on hinges</li> </ul>		<p><b>F069073751</b></p>
Tipmatic Plus ejector		Item No.
<ul style="list-style-type: none"> <li>• Tipmatic Plus ejector for Tipmatic Plus Click-on adapter</li> </ul>		<p><b>F069135060</b></p>
Linear adapter plate for magnetic pin		Item No.
<ul style="list-style-type: none"> <li>• Design solution, also in conjunction with inset doors</li> <li>• Fixing with wood screws (Ø 3.5 x 13 mm)</li> </ul>		<p><b>F069073696</b></p>
Frame adapter plate for magnetic pin		Item No.
<ul style="list-style-type: none"> <li>• For quick retrofit installation</li> <li>• Fixing with wood screws (Ø 3.5 x 13 mm)</li> </ul>		<p><b>F069073697</b></p>
Magnetic pin and counter plates		Item No.
<p><b>1 set includes:</b></p> <ul style="list-style-type: none"> <li>• 1 magnetic pin</li> <li>• 1 counter plate, self-adhesive</li> <li>• 1 counter plate for screw fixing, inc. screw</li> </ul>		<p><b>F069135396</b></p>

Nexis Click-on	167
Nexis Slide-on	231



INSTALLATION INFORMATION

All dimensions in millimetres

Dimensions	Position for Tipmatic Plus Click-on
	 <p> <span style="border: 1px solid black; display: inline-block; width: 10px; height: 10px; vertical-align: middle;"></span> Recommended position for Tipmatic Plus Click-on.  <span style="border: 1px solid black; display: inline-block; width: 10px; height: 10px; vertical-align: middle; margin-right: 5px;"></span> Position for counter plate (at level of the magnetic pin). One magnet pin per door.  <span style="border: 1px dashed black; display: inline-block; width: 10px; height: 10px; vertical-align: middle; margin-right: 5px;"></span> Recommended position for Tipmatic Plus Click-on for applications in wall cabinets.  <span style="border: 1px dotted black; display: inline-block; width: 10px; height: 10px; vertical-align: middle; margin-right: 5px;"></span> Position for counter plate (at level of the magnetic pin). In wall cabinets. One magnet pin per door         </p>
Position for frame adapter plate	Position for linear adapter plate
 <p>Do not use door buffers! Counter plate, self-adhesive or for screw fixing.</p>	 <p>Do not use door buffers! Counter plate, self-adhesive or for screw fixing.</p>
Installation	Tipmatic Plus Click-on – quick and easy to fit
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>1</p>  </div> <div style="text-align: center;"> <p>2</p>  </div> <div style="text-align: center;"> <p>3</p>  </div> </div> <div style="margin-top: 20px;"> <p>4</p>  <div style="display: flex; align-items: center; margin-left: 150px;">   </div> </div> <div style="margin-top: 20px;"> <p>5</p>  </div>	<p>1 Remove hinge arm cover cap (if fitted).          2 Insert Tipmatic Plus Click-on adapter, engaging the two small hooks at a slight angle in the recesses underneath the hinge cup.          3 Press down both sides of the adapter simultaneously, until it engages with an audible click.          4 Fully insert Tipmatic Plus ejector into the adapter opening, with the flat side facing downwards.          5 Adjust the front gap, replace hinge arm cover cap (if available).</p> <p><b>NOTES</b></p> <p><b>Tipmatic Plus Click-on is only suitable for hinges without self-closing mechanism.</b></p> <p><b>Before attaching the self-adhesive plate, ensure that the surface is clean and free from grease.</b></p> <p>GRASS does not give any warranty if Tipmatic Plus is used with a different hold-closed system.</p> <p>When fitting GRASS furniture hardware, the installation instructions supplied with the applicable sales literature must be observed in detail, otherwise the company cannot accept liability. If you require further information relating to installation and assembly, please contact one of our factories directly.</p> <p>Thank you for your understanding.</p>

Timos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories



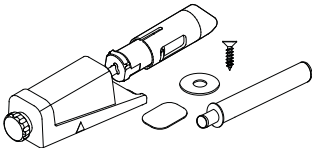
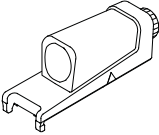
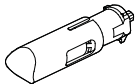
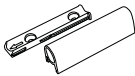
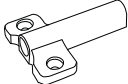
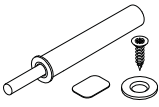
# 170° TIPMATIC PLUS

For 170° wide-angle hinges without self-closing mechanism



- Doors open by gently tapping the front, in a wide opening angle
- For 170° Nexis Impresso wide-angle hinges without self-closing mechanism
- For 170° Nexis Click-on wide-angle hinges without self-closing mechanism
- Can also be retrofitted thanks to easy installation

## ORDER INFORMATION

170° Tipmatic Plus set	Item No.
<p><b>1 set includes:</b></p> <ul style="list-style-type: none"> <li>• 1 170° Tipmatic Plus adapter</li> <li>• 1 Tipmatic Plus ejector</li> <li>• 1 counter plate, self-adhesive</li> <li>• 1 counter plate for screw fixing, inc. screw</li> <li>• 1 magnetic pin</li> </ul>	 <p><b>F069135019</b></p>
<p><b>Tipmatic Plus Click-on adapter</b></p> <ul style="list-style-type: none"> <li>• 170° Tipmatic Plus adapter for Nexis Impresso and 170° Nexis Click-on wide-angle hinges</li> </ul>	 <p><b>F069135017</b></p>
<p><b>Tipmatic Plus ejector</b></p> <ul style="list-style-type: none"> <li>• Tipmatic Plus ejector for 170° Tipmatic Plus adapter</li> </ul>	 <p><b>F069135060</b></p>
<p><b>Linear adapter plate for magnetic pin</b></p> <ul style="list-style-type: none"> <li>• Design solution, also in conjunction with inset doors</li> <li>• Fixing with wood screws (Ø 3.5 x 13 mm)</li> </ul>	 <p><b>F069073696</b></p>
<p><b>Frame adapter plate for magnetic pin</b></p> <ul style="list-style-type: none"> <li>• For quick retrofit installation</li> <li>• Fixing with wood screws (Ø 3.5 x 13 mm)</li> </ul>	 <p><b>F069073697</b></p>
<p><b>Magnetic pin and counter plates</b></p> <p><b>1 set includes:</b></p> <ul style="list-style-type: none"> <li>• 1 magnetic pin</li> <li>• 1 counter plate, self-adhesive</li> <li>• 1 counter plate for screw fixing, inc. screw</li> </ul>	 <p><b>F069135396</b></p>

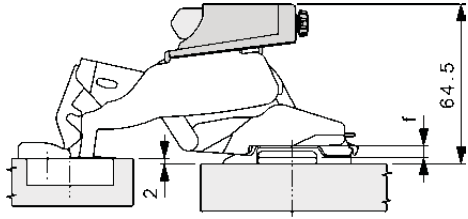
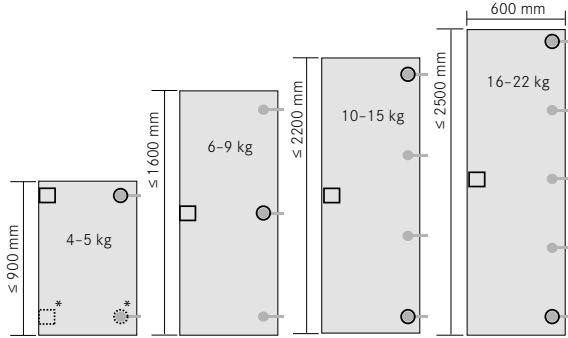
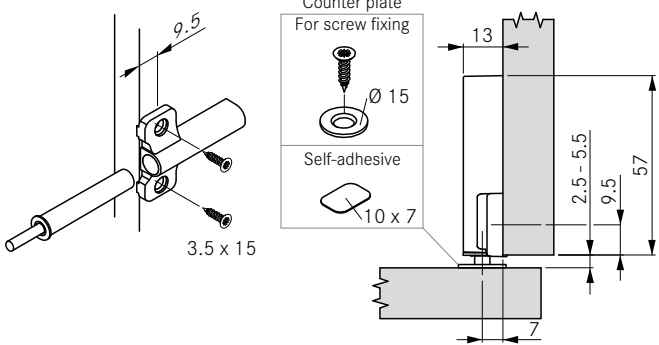
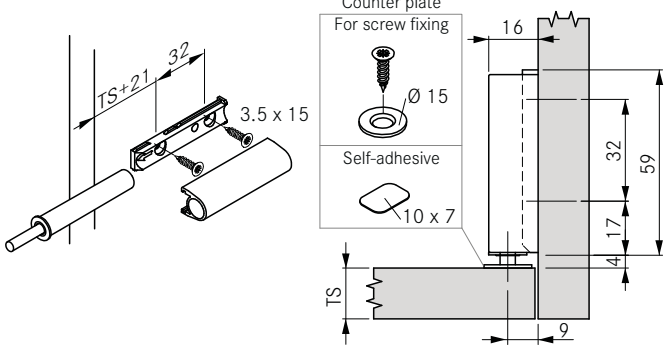


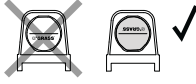
Nexis Impresso 65	134
Nexis Click-on 65	176

Nexis Slide-on 65	240
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INSTALLATION INFORMATION

All dimensions in millimetres

Dimensions	Position for 170° Tipmatic Plus
	 <p>○ Recommended position for Tipmatic Plus 170°.          □ Position for counter plate (at level of the magnetic pin). One magnet pin per door.          * Recommended position for Tipmatic Plus 170° for applications in wall cabinets.          ** Position for counter plate (at level of the magnetic pin). In wall cabinets. One magnet pin per door</p>
Position for frame adapter plate	Position for linear adapter plate
 <p>Do not use door buffers! Counter plate, self-adhesive or for screw fixing.</p>	 <p>Do not use door buffers! Counter plate, self-adhesive or for screw fixing.</p>
Installation	170° Tipmatic Plus- quick and easy to fit
<p>1 </p> <p>2 </p> 	<p>1 Fully insert Tipmatic Plus ejector into the adapter opening, with the flat side facing downwards. Insert adapter, engaging the two small hooks at a slight angle in the recesses underneath the hinge arm.</p> <p>2 Press down the Tipmatic Plus 170° adapter until it engages with an audible click.</p> <p><b>NOTES</b></p> <p><b>170° Tipmatic Plus is only suitable for hinges without self-closing mechanism.</b></p> <p><b>Before attaching the self-adhesive plate, ensure that the surface is clean and free from grease.</b></p> <p>GRASS does not give any warranty if Tipmatic Plus is used with a different hold-closed system.</p> <p>When fitting GRASS furniture hardware, the installation instructions supplied with the applicable sales literature must be observed in detail, otherwise the company cannot accept liability. If you require further information relating to installation and assembly, please contact one of our factories directly.</p> <p>Thank you for your understanding.</p>

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

# TIPMATIC PLUS MIRRO

For Nexis Click-on Mirro hinges without self-closing mechanism



- Doors open by gently tapping the front, in a wide opening angle
- For Nexis Mirro and Nexis Mirro -15° hinges without self-closing mechanism
- Can also be retrofitted thanks to easy installation

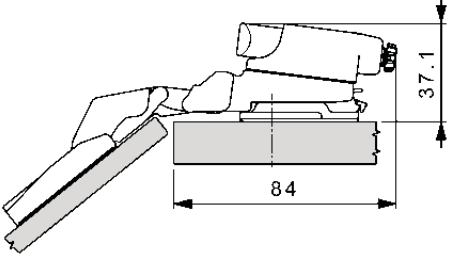
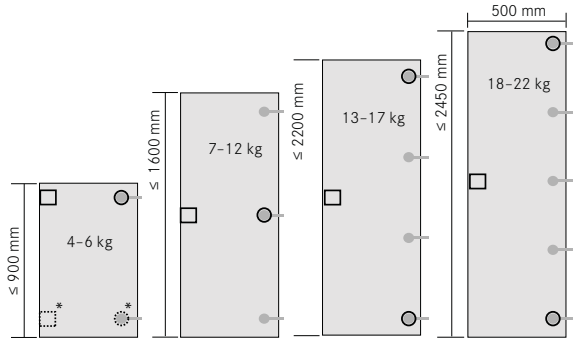
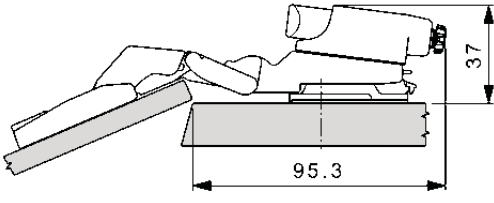
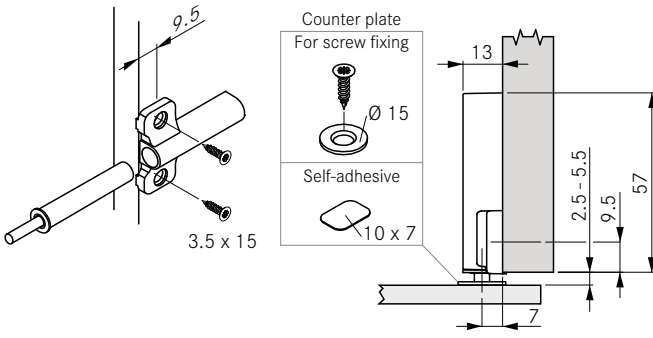


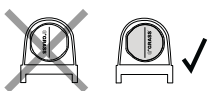
## ORDER INFORMATION

<p><b>Tipmatic Plus Mirro set</b></p> <p><b>1 set includes:</b></p> <ul style="list-style-type: none"> <li>• 1 Tipmatic Plus Mirro adapter</li> <li>• 1 Tipmatic Plus ejector</li> <li>• 1 counter plate, self-adhesive</li> <li>• 1 magnetic pin</li> </ul>	<p>Item No.</p> <p><b>F069073746</b></p>
<p><b>Tipmatic Plus Mirro adapter</b></p> <ul style="list-style-type: none"> <li>• Tipmatic Plus Mirro adapter for Nexis Click-on Mirro hinges</li> </ul>	<p>Item No.</p> <p><b>F069135304</b></p>
<p><b>Tipmatic Plus ejector</b></p> <ul style="list-style-type: none"> <li>• Tipmatic Plus ejector for Tipmatic Plus Mirro adapter</li> </ul>	<p>Item No.</p> <p><b>F069135060</b></p>
<p><b>Linear adapter plate for magnetic pin</b></p> <ul style="list-style-type: none"> <li>• Design solution, also in conjunction with inset doors</li> <li>• Fixing with wood screws (Ø 3.5 x 13 mm)</li> </ul>	<p>Item No.</p> <p><b>F069073696</b></p>
<p><b>Frame adapter plate for magnetic pin</b></p> <ul style="list-style-type: none"> <li>• For quick retrofit installation</li> <li>• Fixing with wood screws (Ø 3.5 x 13 mm)</li> </ul>	<p>Item No.</p> <p><b>F069073697</b></p>
<p><b>Magnetic pin and counter plate</b></p> <p><b>1 set includes:</b></p> <ul style="list-style-type: none"> <li>• 1 magnetic pin</li> <li>• 1 counter plate, self-adhesive</li> <li>• 1 counter plate for screw fixing, inc. screw</li> </ul>	<p>Item No.</p> <p><b>F069135396</b></p>

Nexis Click-on 07 Mirro	212
Nexis Click-on 07/-15° Mirro	214

INSTALLATION INFORMATION

All dimensions in millimetres

<p>Mirro dimensions</p>  <p>Drawing with mounting plate height 2</p>	<p>Position for Tipmatic Plus Mirro</p>  <p>○ Recommended position for Soft-close Mirro ⊖ Position for additional Soft-close Mirro (if required)</p>
<p>Mirro -15° dimensions</p>  <p>Drawing with mounting plate height 2</p>	<p>Position for Tipmatic Plus Mirro frame adapter plate</p>  <p>Do not use door buffers! Self-adhesive counter plate.</p>
<p>Installation</p> <p>1 </p> <p>2 </p> 	<p>Tipmatic Plus Mirro – quick and easy to fit</p> <ol style="list-style-type: none"> <li>Fully insert Tipmatic Plus ejector into the adapter opening, with the flat side facing downwards. Insert adapter, engaging the two small hooks at a slight angle in the recesses underneath the hinge arm.</li> <li>Push the Tipmatic Plus Mirro adapter back until it engages with an audible click.</li> </ol> <p><b>NOTES</b></p> <p><b>Tipmatic Plus Mirro is only suitable for hinges without self-closing mechanism.</b></p> <p><b>Before attaching the self-adhesive plate, ensure that the surface is clean and free from grease.</b></p> <p>GRASS does not give any warranty if Tipmatic Plus is used with a different hold-closed system. When fitting GRASS furniture hardware, the installation instructions supplied with the applicable sales literature must be observed in detail, otherwise the company cannot accept liability. If you require further information relating to installation and assembly, please contact one of our factories directly. We thank you for your understanding.</p>

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

# TIPMATIC

For handle-free wood/aluminium frame doors and glass/mirror doors



- Doors open to a convenient opening angle by gently tapping the front
- All hinges without self-closing mechanism can be used
- Wide catching range of magnet ensures reliable door closing
- The front gap can be adjusted between 2.5 and 5.5 mm using the integrated, self-locking and toolless depth adjustment
- Installation in the front edge of the cabinet or using an adapter plate

## ORDER INFORMATION

Tipmatic Pin	For drilling	Item No.
<ul style="list-style-type: none"> <li>• Hole edge cover 1 mm</li> <li>• Hole drilled into cabinet front edge</li> <li>• Plastic RAL 7036, platinum grey</li> <li>• Includes self-adhesive plate, screw-on plate and screw</li> </ul>		<b>F069135396</b>
Adapter plate for line hole drilling	For screw fixing	Item No.
<ul style="list-style-type: none"> <li>• Suitable for 28 and 37 mm hole spacing</li> <li>• Fixing with special Euro screws (Ø 6.3 x 13.5 mm) or chipboard screws (Ø 3.5 x 13)</li> <li>• Plastic RAL 7035, light grey</li> </ul>		<b>F069063310</b>
Frame adapter plate	For screw fixing	Item No.
<ul style="list-style-type: none"> <li>• For quick retrofit installation</li> <li>• Fixing with chipboard screws (Ø 3.5 x 13 mm)</li> <li>• Plastic RAL 7035, light grey</li> </ul>		<b>F069073697</b>
Linear adapter plate	For screw fixing	Item No.
<ul style="list-style-type: none"> <li>• Design solution – also in conjunction with inset doors</li> <li>• Fixing with chipboard screws (Ø 3.5 x 13 mm)</li> <li>• Plastic RAL 7035, light grey</li> </ul>		<b>F069073696</b>

Nexis Impresso	125
Nexis Click-on	167

Nexis Slide-on	231
Assembly aid	304


PLANNING AND INSTALLATION INSTRUCTIONS

<p><b>Tipmatic Pin</b></p> <p>Drilling into front edge of cabinet</p>	<p><b>Adapter plate for line hole drilling</b></p> <p>Installation with adapter plates</p>
<p><b>Linear adapter plate inset</b></p> <p>Installation with adapter plates</p>	<p><b>Linear adapter plate overlay</b></p> <p>Installation with adapter plates</p>
<p><b>Frame adapter plate</b></p> <p>Installation with adapter plates</p>	

LEGEND

- F Reveal
- S Cabinet side wall
- TS Door thickness

Tiomos

Nexis

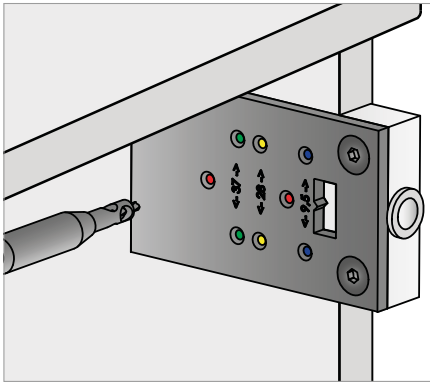
Special hinges

Single-joint hinges

Cabinet making accessories

# TIPMATIC

## Installation jigs



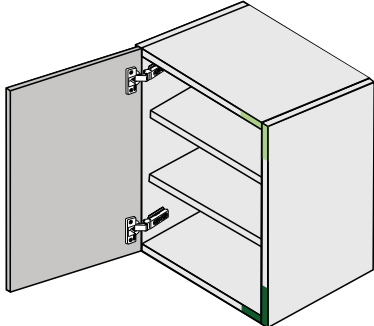
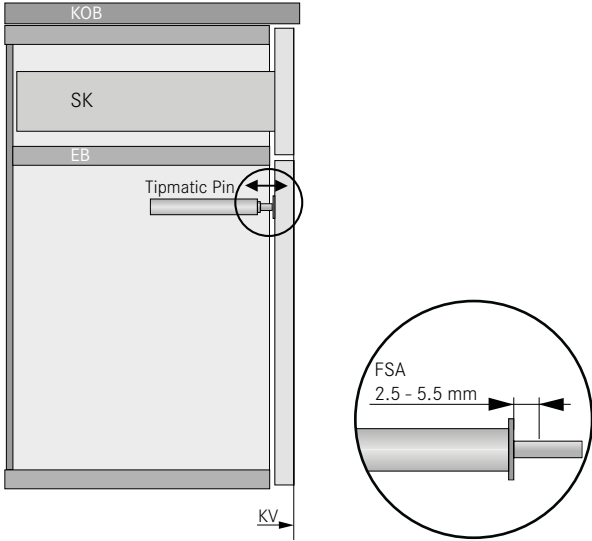
### ORDER INFORMATION

Drilling jig for adapter plates and Tipmatic Pin		Item No.
<ul style="list-style-type: none"> <li>The GRASS drilling jig can be used for all types of adapter plates and for the Tipmatic Pin</li> <li><b>Note:</b> Drill bits are not supplied!</li> </ul>		F146095470
Pilot drill bit		Item No.
<ul style="list-style-type: none"> <li>Ø 3.5 mm</li> </ul>		F146035692
Pilot drill bit with stop ring		Item No.
<ul style="list-style-type: none"> <li>Ø 10 mm</li> </ul>		F146038823

Tipmatic	302
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ASSEMBLY AIDS

All dimensions in millimetres

Recommended positions	Front gap adjustment
 <p> <span style="display: inline-block; width: 15px; height: 15px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></span> Position in the top corner opposite the hinge in the base cabinet         </p> <p> <span style="display: inline-block; width: 15px; height: 15px; background-color: #008000; border: 1px solid black; margin-right: 5px;"></span> Position in the bottom corner opposite the hinge in the wall cabinet         </p> <p> <b>General advice regarding the installation position:</b>            The Tipmatic element is installed opposite the hinge, either by inserting it into a hole in the front edge of the cabinet or with adapter plates, which are available in different versions.         </p>	 <p> <b>Adjustment of front gap with integrated toolless depth adjustment:</b>            The front gap can be set to line up with the Tipmatic drawer.         </p>

Tiomos

Nexis

Special hinges

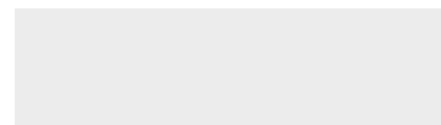
Single-joint hinges

Cabinet making accessories

LEGEND

BT Drilling depth  
 EB Dust panel  
 FSA Front gap adjustment  
 KOB Worktop

KV Front edge of cabinet  
 SK Drawer










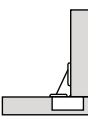
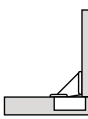
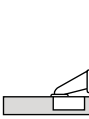






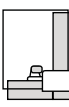
#### SPECIAL HINGES

From flap hinges and mini-hinges to glass door hinges for direct mounting on the cabinet side wall.



# SPECIAL HINGES

Hinges for special applications.  
Where individual solutions are needed.

Opening angle		Product description	Full Overlay	Half Overlay	Inset	Page
90°		<b>Flap hinge</b> <ul style="list-style-type: none"> <li>• Flap thicknesses up to 20 mm</li> <li>• Cup hole 35 mm</li> <li>• 3-dimensional adjustment</li> </ul>		-	-	308
90°		<b>Mini-hinge A 90/E 90</b> <ul style="list-style-type: none"> <li>• Direct mounting on cabinet side wall</li> <li>• Cup diameter 26 mm</li> <li>• Ideal for doors with narrow frames</li> </ul>				310
92°		<b>Glass door hinge A 90GL/E 90GL</b> <ul style="list-style-type: none"> <li>• Direct mounting on cabinet side wall</li> <li>• Cup diameter 26 mm</li> <li>• Ideal for display cabinets</li> </ul>	-			312
180°		<b>180° glass door hinge</b> <ul style="list-style-type: none"> <li>• For glass thicknesses from 4 to 6 mm</li> <li>• Direct mounting on cabinet side wall</li> <li>• Fixing to the door without drilling</li> </ul>	-	-		314
210°		<b>Glass door hinge +30/-30</b> <ul style="list-style-type: none"> <li>• For glass thicknesses from 5 to 6 mm</li> <li>• Universal application for cabinet angles from +30° to -30°</li> <li>• Fixing to the door without drilling</li> </ul>		-	-	316

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

# FLAP HINGE

90° hinge with 35 mm cup



- 90° opening angle
- For flap thicknesses up to 20 mm
- Cup edge cover
- Base and flap part are supplied unassembled
- Base and flap part have the same drilling dimensions
- 3-dimensional adjustment
- Sturdy design

## ORDER INFORMATION

Door overlay			Material		Item No.	
			Cup	Arm	Screw fixing	
Full overlay			Zamak, nickel-plated	Zamak, nickel-plated	<b>F078073799</b>	

Installation technology	354
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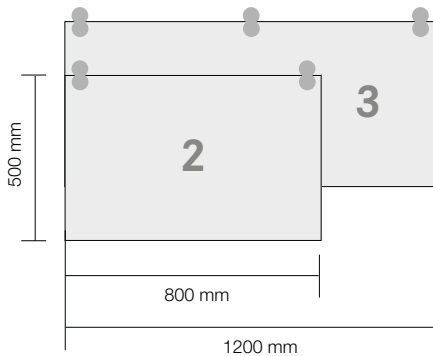
INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay

Minimum reveal (F)	
Flap thickness (TS)	
14	0.2
15	1.0
16	2.0
17	3.0
18	3.8
19	5.0
20	6.0

NUMBER OF HINGES



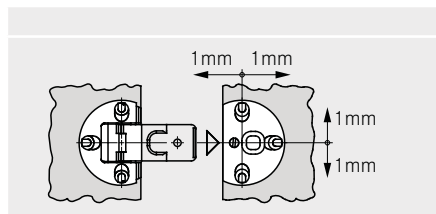
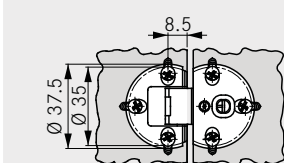
NOTES

Fixing of flap and base parts with cylinder head screws ( $\varnothing 3 \times 13$  mm) (screws not supplied).

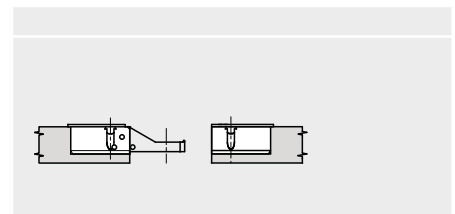
Hinge dimensions and reveal calculation with factory setting.

DRILLING PATTERNS

Version for screw fixing



CUP DIMENSIONS



# MINI-HINGE A 90/E 90

90° hinge with 26 mm cup



- 90° opening angle
- With Ø 26 mm cup hole, ideal for doors with narrow frames
- One-piece hinge
- 3-point fixing on cabinet is possible
- Height adjustment by means of slots

## ORDER INFORMATION

Door overlay			Material		Item No.	
			Cup	Arm	Screw fixing	
Full overlay			Steel, nickel-plated	Zamak, nickel-plated	<b>F078073814</b>	
Half overlay			Steel, nickel-plated	Zamak, nickel-plated	<b>F078073813</b>	
Inset			Steel, nickel-plated	Zamak, nickel-plated	<b>F078073812</b>	

Installation technology 354

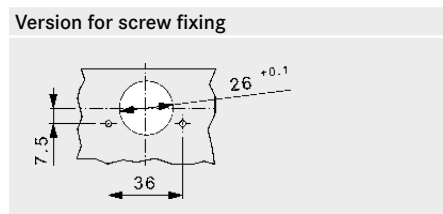
INSTALLATION INFORMATION

All dimensions in millimetres

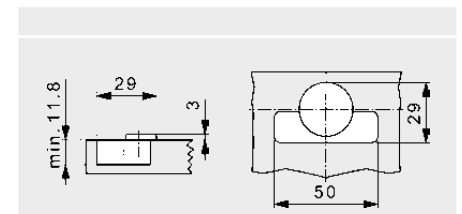
Full overlay	A 90	Half overlay	A 90	Inset	E 90																																																																																																																																																
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Position of holes for fixing hinge to cabinet		

DRILLING PATTERNS



CUP DIMENSIONS



# GLASS DOOR HINGE A 90GL/E 90GL

With direct mounting on cabinet sidewall



- 92° opening angle
- One-piece glass door hinge
- Ideal for display cabinets
- 3-point fixing on cabinet is possible
- Height adjustment by means of slots

## ORDER INFORMATION

Door overlay			Material		Item No.	
			Cup	Arm		
Half overlay			Plastic, black	Zamak, nickel-plated	<b>F078073786</b>	
Inset			Plastic, black	Zamak, nickel-plated	<b>F078073787</b>	

## DECORATIVE COVER CAPS

	Designation	Item No.
	Nickel velour	<b>F069073420</b>
	Nickel polished, eroded	<b>F069073421</b>
	Brass polished, eroded	<b>F069073422</b>
	Brass velour	<b>F069073423</b>
	Silver RAL 9006	<b>F069073410</b>
	Black	<b>F069073424</b>

	Designation	Item No.
	Nickel velour	<b>F069073425</b>
	Stainless steel	<b>F069073426</b>
	Nickel polished, eroded	<b>F069073414</b>
	Brass polished, eroded	<b>F069073427</b>
	Silver RAL 9006	<b>F069073417</b>
	Black	<b>F069073428</b>
	Chrome finish	<b>F069073419</b>

Installation technology 354

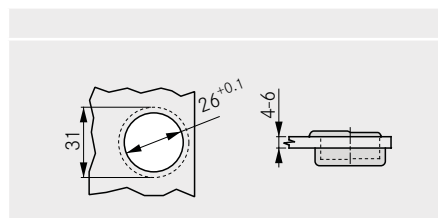
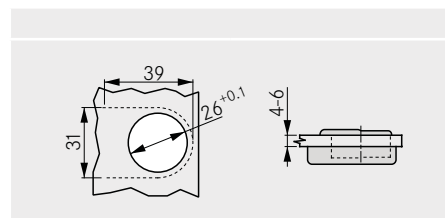
INSTALLATION INFORMATION

All dimensions in millimetres

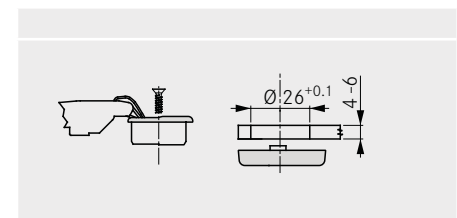
Half overlay		A 90GL		Inset		E 90GL	
						(TS) = door thickness	
Door overlay	Cup distance			Door reveal (F)	Cup distance		
	6	4			4	4	
	7	5			3	5	
	8	6			2	6	

Position of holes for fixing hinge to cabinet	

DRILLING PATTERNS



CUP DIMENSIONS



Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories



# GLASS DOOR HINGE

180° with direct mounting on cabinet sidewall



- 180° opening angle
- Particularly flat design
- Fixing to the door without drilling
- For glass thicknesses from 4 to 6 mm

## ORDER INFORMATION

Door overlay		Position	Material		Item No.	
			Cup	Arm		
Inset		1	Zamak, nickel-plated	Zamak, nickel-plated	F078073792	
		2				

<sup>1</sup> Left at the top / right at the bottom

<sup>2</sup> Left at the top / right at the bottom

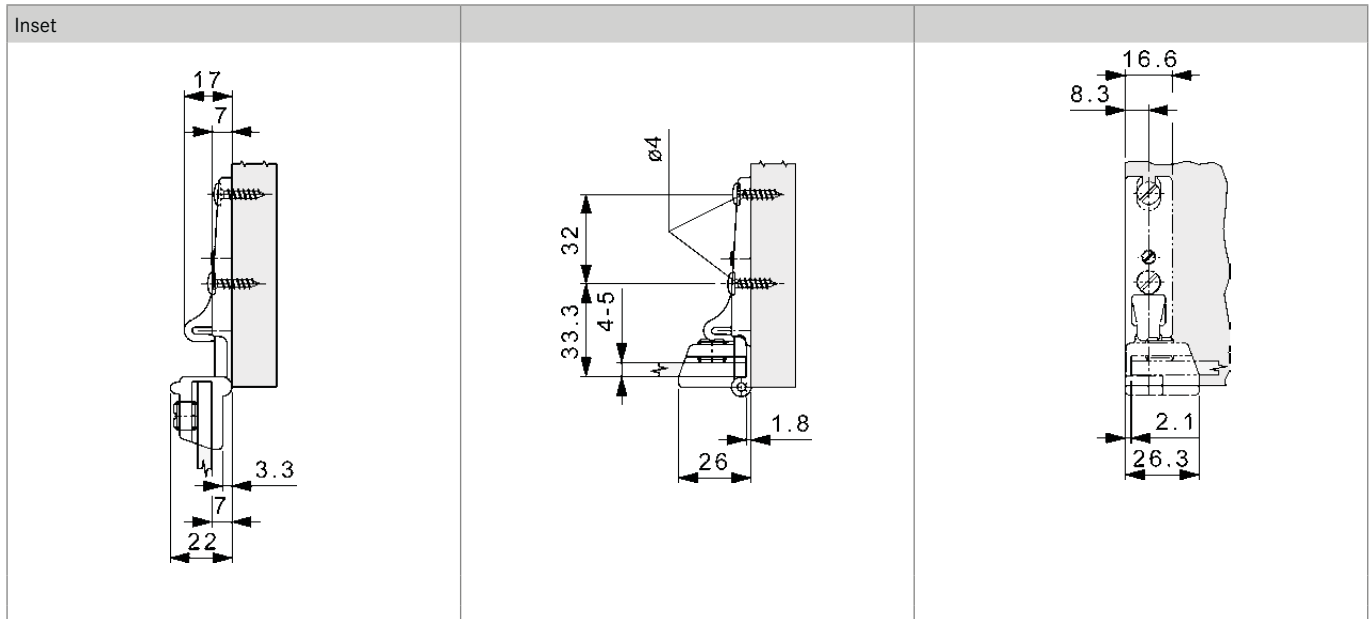
## PULL

	Designation	Item No.
	Zamak, nickel-plated, fixing with self-adhesive pad	F069073457

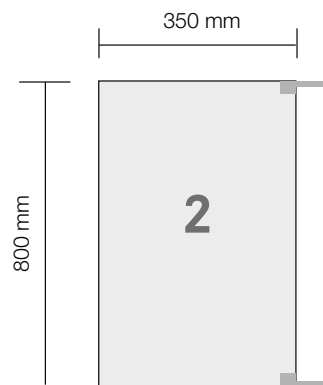
Installation technology 354

INSTALLATION INFORMATION

All dimensions in millimetres



NUMBER OF HINGES



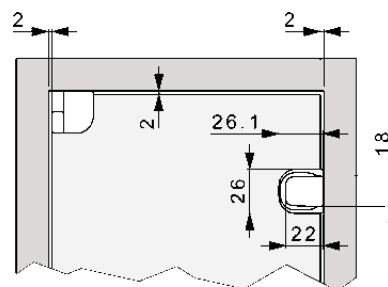
INSTALLATION INSTRUCTIONS

Attach double-sided adhesive pad at the glass corners. Remove foil. Insert the glass door into the fitted hinge with the side with the adhesive pad facing outwards. Tighten clamping screw.

Density:  $2.5 \text{ kg/dm}^3 = 4.2 \text{ kg}$   
with 6 mm glass thickness



PULL POSITION



INSTALLING THE PULL

Decide the pull position, attach double-sided adhesive pad. Remove foil. Insert glass door into the pull with the adhesive pad facing outwards.

Tighten clamping screw (max. 2 Nm).

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories





# GLASS DOOR HINGE

+30° to -30° variable angle glass and mirror door hinge



- 210° opening angle
- Universal application for cabinet angles from +30° to -30°
- Fixing to the door without drilling
- Ideal for small doors
- For glass thicknesses from 5 to 6 mm

## ORDER INFORMATION

Door overlay		Position	Material		Item No.		
			Cup	Arm			
Full overlay		 1		Zamak, nickel-plated	Zamak, nickel-plated	<b>F078073783</b>	
		 2		Zamak, nickel-plated	Zamak, nickel-plated	<b>F078073785</b>	

<sup>1</sup> Left at the top / right at the bottom

<sup>2</sup> Left at the top / right at the bottom

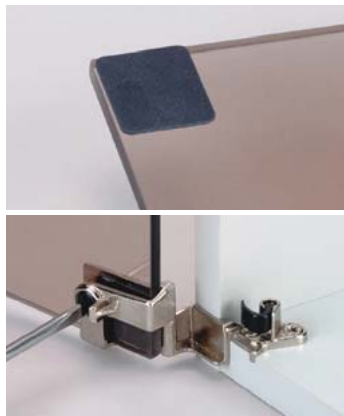
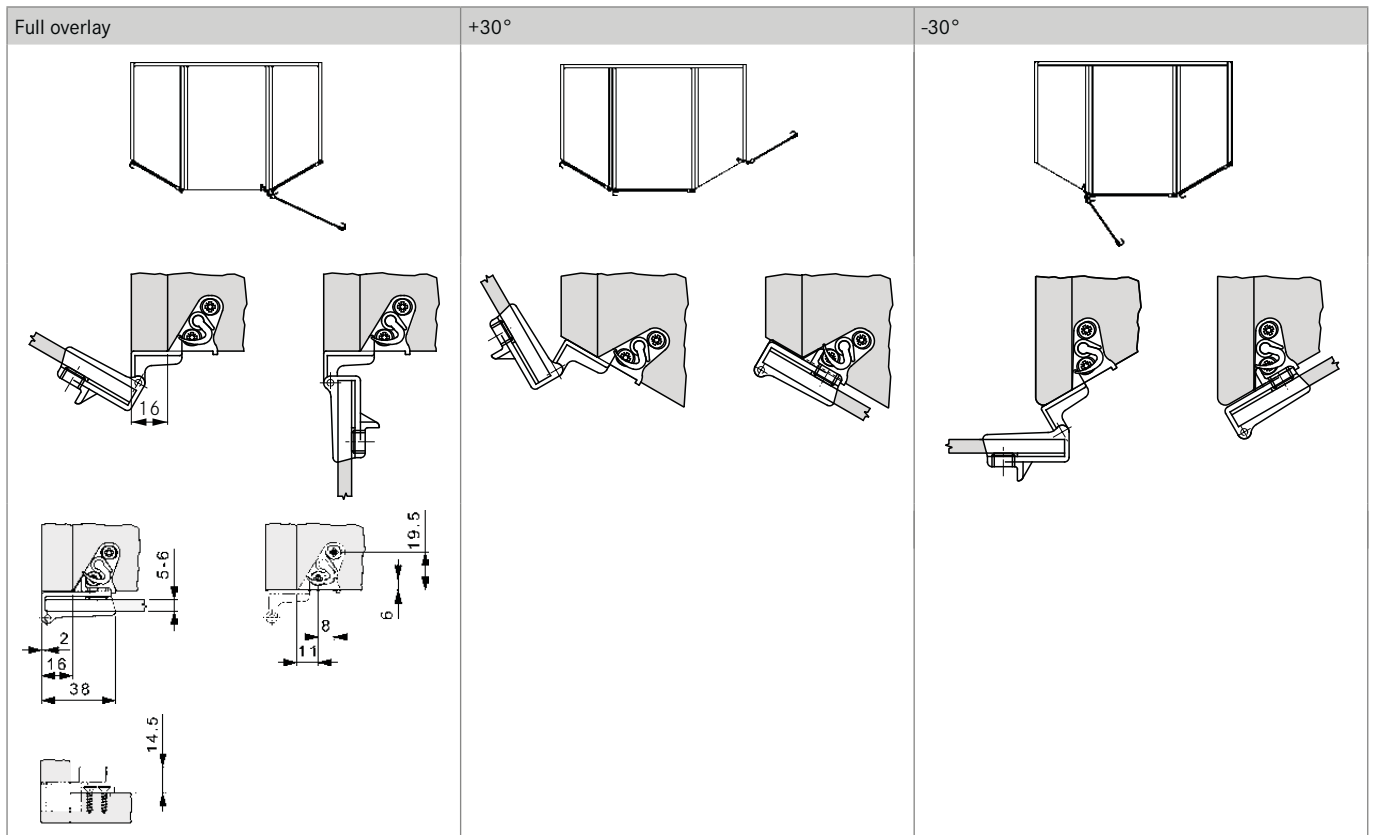
## PULL

	Designation	Item No.
	Zamak, nickel-plated, fixing with self-adhesive pad	<b>F069073457</b>

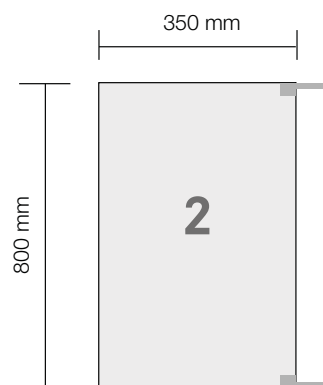
Installation technology 354

INSTALLATION INFORMATION

All dimensions in millimetres



NUMBER OF HINGES



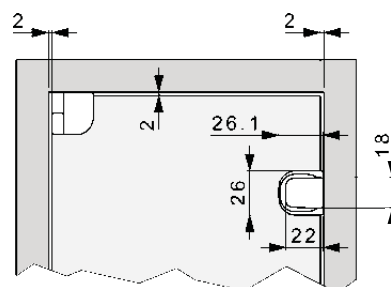
INSTALLATION INSTRUCTIONS

Attach adhesive pad to the glass corners. Insert the glass door into the fitted hinge with the side with the adhesive pad facing outwards. Tighten clamping screw.

Density:  $2.5 \text{ kg/dm}^3 = 4.2 \text{ kg}$   
with 6 mm glass thickness



PULL POSITION



INSTALLING THE PULL

Decide the pull position, attach double-sided adhesive pad. Remove foil. Insert glass door into the pull with the adhesive pad facing outwards.

Tighten clamping screw (max. 2 Nm).

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories



#### SINGLE-JOINT HINGES

Functional movement systems  
for furniture in offices and public buildings.


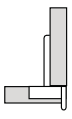
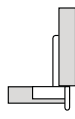


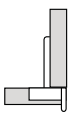
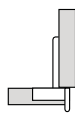
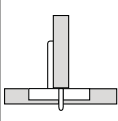

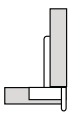


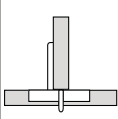

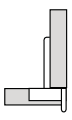
QUALITY CERTIFICATE  
**LGAD**

#### **Reduced to the essentials.**

For us, that means focusing on quality, design and function. Our range of hinges for furniture in offices and public buildings is the best example of that. We offer the ideal single-joint hinge for all applications. Its high-quality materials, excellent workmanship and top quality are just as important to us as its aesthetic design and reliable operation. Try it for yourself.

# SINGLE-JOINT HINGES

Single-joint hinges for continuous or individual cabinet construction and for concealed applications. Flexible. Functional. Decorative.

Opening angle		Product description	Full Overlay	Half Overlay	Inset	Twin application	Page
270° 180°		<b>Single-joint hinge MB-60 10</b> <ul style="list-style-type: none"> <li>Extremely narrow reveals (3 mm)</li> <li>Tool-free clip fitting of door</li> <li>Direct reveal and height adjustment</li> </ul>				-	320
230° 180°		<b>Single-joint hinge MB-60 10</b> <ul style="list-style-type: none"> <li>Narrow reveals (6/12.5 mm)</li> <li>Tool-free clip fitting of door</li> <li>Direct reveal and height adjustment</li> </ul>			-		322
270°		<b>Single-joint hinge MB-80 10</b> <ul style="list-style-type: none"> <li>Narrow reveals (4 mm)</li> <li>Tool-free clip fitting of door</li> <li>Direct reveal and height adjustment</li> </ul>		-	-	-	324
230° 180°		<b>Single-joint hinge MB-80 10</b> <ul style="list-style-type: none"> <li>Reveals (8/13.5 mm)</li> <li>Tool-free clip fitting of door</li> <li>Direct reveal and height adjustment</li> </ul>	-		-		326
270°		<b>Single-joint hinge MB-8320</b> <ul style="list-style-type: none"> <li>Reveals (4/8 mm)</li> <li>Tool-free clip fitting of door</li> <li>Height adjustment via a cam</li> </ul>		-	-	-	328

	<b>Soft-close Pin</b> <ul style="list-style-type: none"> <li>Pneumatic damper</li> </ul>	330
	<b>Technical information</b>	332
	<b>Installation technology</b>	354

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

# SINGLE-JOINT HINGE MB-60 10

For very narrow reveals



- 270° / 180° opening angle
- Reveal 3 mm
- Tool-free clip fitting of door
- Cup edge cover
- Side adjustment -2 mm
- Height adjustment  $\pm 2$  mm via slots
- Visible joint
- Supplied with black cover caps, neutral
- Hinge arms and cups have to be ordered separately

## ORDER INFORMATION

### HINGE ARM

Door overlay		Designation	Material	Item No.
Full overlay (19 mm cabinet side) Reveal 3 mm		MB-63 10	Zamak, nickel-plated	<b>F150000009</b>
Full overlay (16 mm cabinet side) Reveal 3 mm		MB-62 10	Zamak, nickel-plated	<b>F150000008</b>
Inset Reveal 3 mm		MB-61 10	Zamak, nickel-plated	<b>F150000007</b>

### HINGE CUP

	Screw fixing	Press fitting
Hinge cup - suitable for all MB hinge types	<b>F150000006</b>	<b>F150000021</b>

## ACCESSORIES

	Designation	Material	Item No.
	Decorative cover cap for use as glass door hinge. For 5 to 6 mm glass thicknesses. Set complete with plastic underlay and connecting screws.	Zamak, nickel-plated	<b>F150000018</b>
	Clothes protector, prevents soiling and damage through trapping. To be used with all single-joint hinges.	Plastic	<b>F150000017</b>
	Opening angle reduction clip, approx. 90°, for all single-joint hinges, except inset applications	-	<b>F150000019</b>
	Opening angle reduction clip, approx. 110°, for all single-joint hinges, except inset applications	-	<b>F150000020</b>
	Euro collar screws, nickel-plated, $\varnothing$ 6.3 x 10.5 mm	-	<b>F150145235</b>
	Euro collar screws, nickel-plated, $\varnothing$ 6.3 x 13.5 mm	-	<b>F150145234</b>

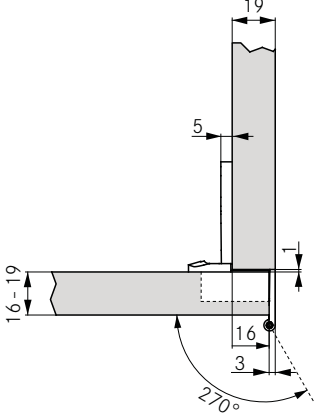
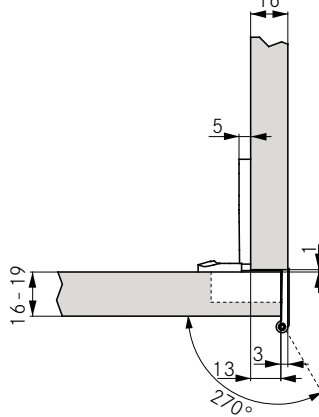
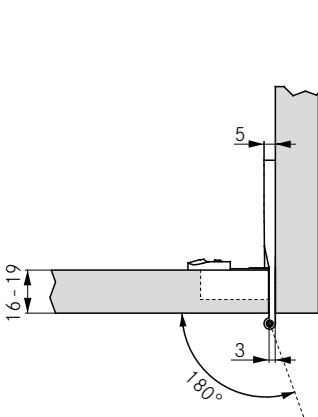
Soft-close Pin	330
Technical information	332

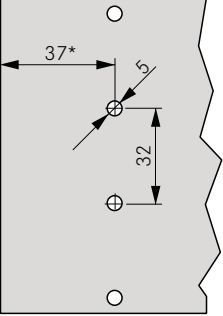
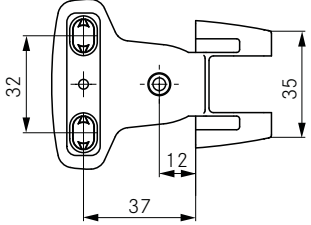
Installation technology	354
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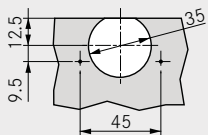
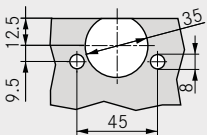
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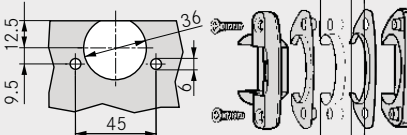
All dimensions in millimetres

MB-6310 full overlay (19 mm cabinet side)	MB-6210 full overlay (16 mm cabinet side)	MB-6110 inset
 <p>Door overlay 16</p> <p>Door protrusion 0 mm with 180° opening angle</p>	 <p>Door overlay 13</p> <p>Door protrusion 0 mm with 180° opening angle</p>	 <p>Door protrusion 3 mm with 180° opening angle</p>

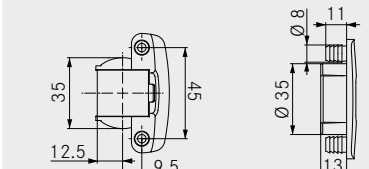
Position of holes for fixing hinge to cabinet	Hinge arm dimensions	
 <p>*=39 mm + door thickness with inset application, MB-6110</p>		

DRILLING PATTERNS

Version for screw fixing	Version for press fitting
	

Glass hole for decorative cover cap inst. set


CUP DIMENSIONS


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# SINGLE-JOINT HINGE MB-60 10

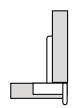
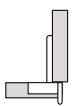
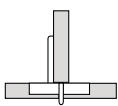
For narrow reveals



- 230° / 180° opening angle
- Reveal 6 / 12.5 mm
- Tool-free clip fitting of door
- Cup edge cover
- Side adjustment -2 mm
- Height adjustment  $\pm 2$  mm via slots
- Visible joint
- Supplied with black cover caps, neutral
- For a twin fitting for one hinge arm, 2 cups are required
- Hinge arms and cups have to be ordered separately

## ORDER INFORMATION







### HINGE ARM

Door overlay		Designation	Material	Item No.
Full overlay (19 mm cabinet side) Reveal 6 mm		MB-68 10	Zamak, nickel-plated	<b>F150000012</b>
Half overlay Reveal 12.5 mm		MB-65 10	Zamak, nickel-plated	<b>F150000010</b>
Twin fitting Reveal 6 mm		MB-66 10	Zamak, nickel-plated	<b>F150000011</b>

### HINGE CUP

	Screw fixing	Press fitting
Hinge cup - suitable for all MB hinge types	<b>F150000006</b>	<b>F150000021</b>

## ACCESSORIES

	Designation	Material	Item No.
	Decorative cover cap for use as glass door hinge. For 5 to 6 mm glass thicknesses. Set complete with plastic underlay and connecting screws.	Zamak, nickel-plated	<b>F150000018</b>
	Clothes protector, prevents soiling and damage through trapping. To be used with all single-joint hinges.	Plastic	<b>F150000017</b>
	Opening angle reduction clip, approx. 90°, for all single-joint hinges, except inset applications	-	<b>F150000019</b>
	Opening angle reduction clip, approx. 110°, for all single-joint hinges, except inset applications	-	<b>F150000020</b>
	Euro collar screws, nickel-plated, $\varnothing$ 6.3 x 10.5 mm	-	<b>F150145235</b>
	Euro collar screws, nickel-plated, $\varnothing$ 6.3 x 13.5 mm	-	<b>F150145234</b>

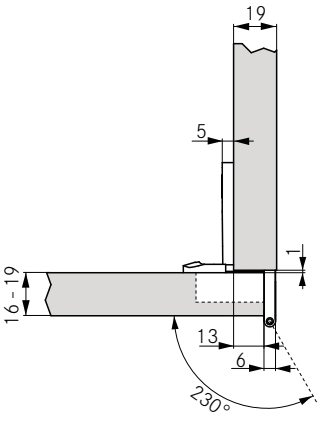
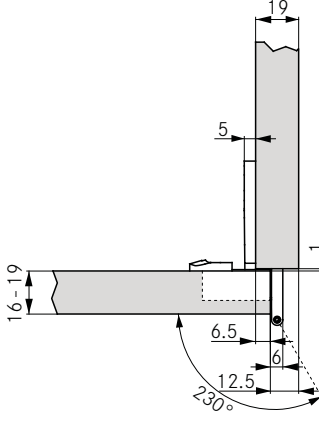
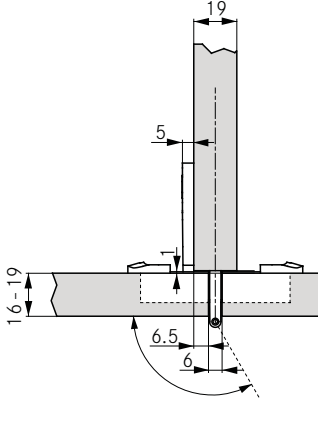
Soft-close Pin	330
Technical information	332

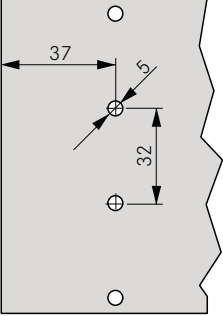
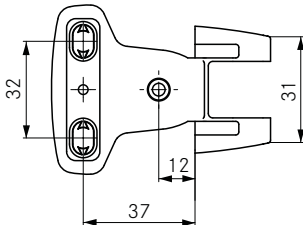
Installation technology	354
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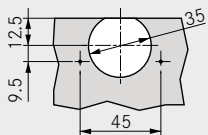
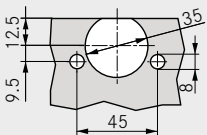
INSTALLATION INFORMATION

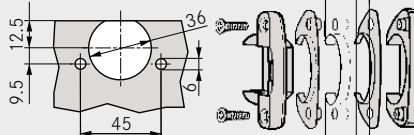
All dimensions in millimetres

MB-6810 full overlay (19 mm cabinet side)	MB-6510 half overlay	MB-6610 twin application
 <p>Door overlay 13</p> <p>Door protrusion 0 mm with 180° opening angle</p>	 <p>Door overlay 6.5</p> <p>Door protrusion 0 mm with 180° opening angle</p>	 <p>Door overlay 6.5</p> <p>Door protrusion 0 mm with 180° opening angle</p>

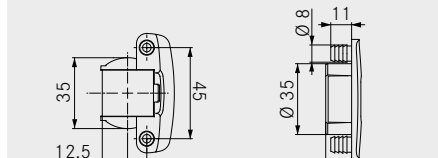
Position of holes for fixing hinge to cabinet	Hinge arm dimensions	
		

DRILLING PATTERNS

Version for screw fixing	Version for press fitting
	

Glass hole for decorative cover cap inst. set


CUP DIMENSIONS


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# SINGLE-JOINT HINGE MB-80 10

For narrow reveals, suitable for heavy doors



- 270° opening angle
- Reveal 4 mm
- Tool-free clip fitting of door
- Cup edge cover
- Side adjustment -2 mm
- Height adjustment  $\pm 2$  mm via slots
- Visible joint
- Supplied with black cover caps, neutral
- Hinge arms and cups have to be ordered separately

## ORDER INFORMATION







### HINGE ARM

Door overlay		Designation	Material	Item No.
Full overlay (19 mm cabinet side) Reveal 4 mm		MB-83 10	Zamak, nickel-plated	<b>F150000014</b>
Full overlay (16 mm cabinet side) Reveal 4 mm		MB-82 10	Zamak, nickel-plated	<b>F150000013</b>

### HINGE CUP

	Screw fixing	Press fitting
Hinge cup - suitable for all MB hinge types	<b>F150000006</b>	<b>F150000021</b>

## ACCESSORIES

	Designation	Material	Item No.
	Decorative cover cap for use as glass door hinge. For 5 to 6 mm glass thicknesses. Set complete with plastic underlay and connecting screws.	Zamak, nickel-plated	<b>F150000018</b>
	Clothes protector, prevents soiling and damage through trapping. To be used with all single-joint hinges.	Plastic	<b>F150000017</b>
	Opening angle reduction clip, approx. 90°, for all single-joint hinges, except inset applications	-	<b>F150000019</b>
	Opening angle reduction clip, approx. 110°, for all single-joint hinges, except inset applications	-	<b>F150000020</b>
	Euro collar screws, nickel-plated, $\varnothing$ 6.3 x 10.5 mm	-	<b>F150145235</b>
	Euro collar screws, nickel-plated, $\varnothing$ 6.3 x 13.5 mm	-	<b>F150145234</b>

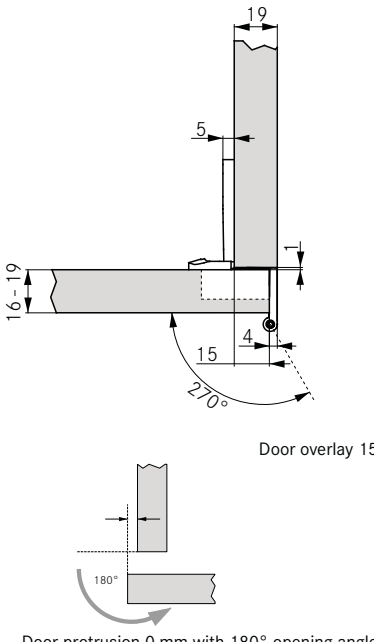
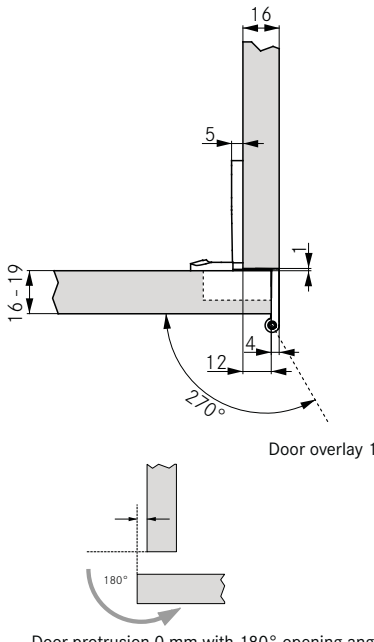
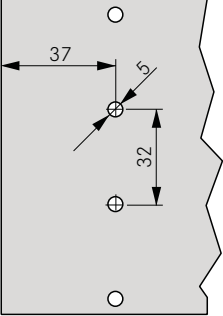
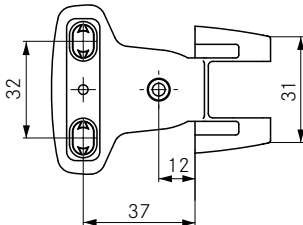
Soft-close Pin	330
Technical information	332

Installation technology	354
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INSTALLATION INFORMATION

All dimensions in millimetres

MB-8310 full overlay (19 mm cabinet side)	MB-8210 full overlay (16 mm cabinet side)	
 <p>Door overlay 15</p> <p>Door protrusion 0 mm with 180° opening angle</p>	 <p>Door overlay 12</p> <p>Door protrusion 0 mm with 180° opening angle</p>	
Position of holes for fixing hinge to cabinet	Hinge arm dimensions	
		

Tiomos

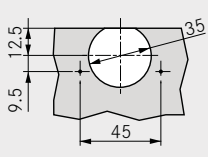
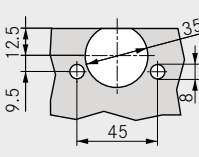
Nexis

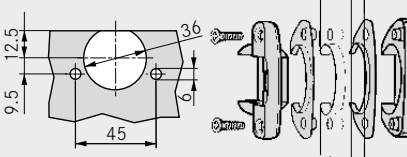
Special hinges

Single-joint hinges

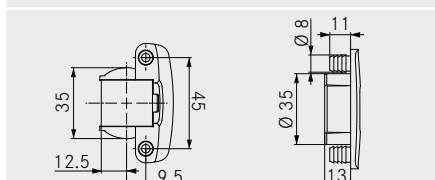
Cabinet making accessories

DRILLING PATTERNS

Version for screw fixing	Version for press fitting
	

Glass hole for decorative cover cap inst. set


CUP DIMENSIONS


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# SINGLE-JOINT HINGE MB-80 10

Suitable for heavy doors



- 230°/180° opening angle
- Reveal 8/13.5 mm
- Tool-free clip fitting of door
- Cup edge cover
- Side adjustment -2 mm
- Height adjustment ±2 mm via slots
- Visible joint
- Supplied with black cover caps, neutral
- Hinge arms and cups have to be ordered separately
- For a twin application for one hinge arm, 2 cups are required

## ORDER INFORMATION







### HINGE ARM

Door overlay		Designation	Material	Item No.
Half overlay (19 mm cabinet side) Reveal 13.5 mm		MB-85 10	Zamak, nickel-plated	<b>F150000015</b>
Twin application (19 mm cabinet side) Reveal 8 mm		MB-86 10	Zamak, nickel-plated	<b>F150000016</b>

### HINGE CUP

	Screw fixing	Press fitting
Hinge cup - suitable for all MB hinge types	<b>F150000006</b>	<b>F150000021</b>

## ACCESSORIES

	Designation	Material	Item No.
	Decorative cover cap for use as glass door hinge. For 5 to 6 mm glass thicknesses. Set complete with plastic underlay and connecting screws.	Zamak, nickel-plated	<b>F150000018</b>
	Clothes protector, prevents soiling and damage through trapping. To be used with all single-joint hinges.	Plastic	<b>F150000017</b>
	Opening angle reduction clip, approx. 90°, for all single-joint hinges, except inset applications	-	<b>F150000019</b>
	Opening angle reduction clip, approx. 110°, for all single-joint hinges, except inset applications	-	<b>F150000020</b>
	Euro collar screws, nickel-plated, Ø 6.3 x 10.5 mm	-	<b>F150145235</b>
	Euro collar screws, nickel-plated, Ø 6.3 x 13.5 mm	-	<b>F150145234</b>

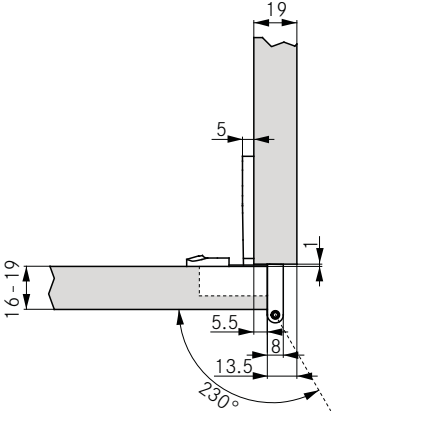
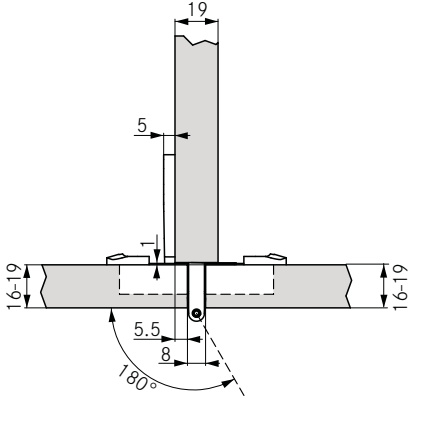
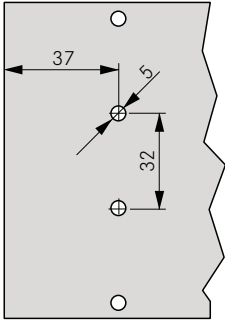
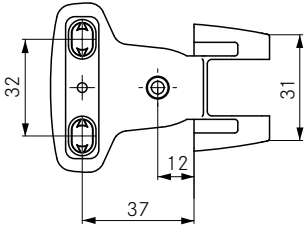
Soft-close Pin	330
Technical information	332

Installation technology	354
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INSTALLATION INFORMATION

All dimensions in millimetres

MB-85 10 half overlay	MB-86 10 twin application	
 <p>Door overlay 5.5</p> <p>Door protrusion 0 mm with 180° opening angle</p>	 <p>Door overlay 5.5</p> <p>Door protrusion 0 mm with 180° opening angle</p>	
Position of holes for fixing hinge to cabinet	Hinge arm dimensions	
		

Tiomos

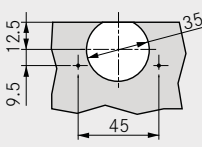
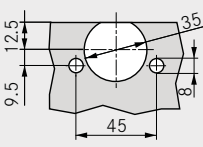
Nexis

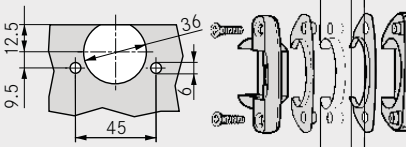
Special hinges

Single-joint hinges

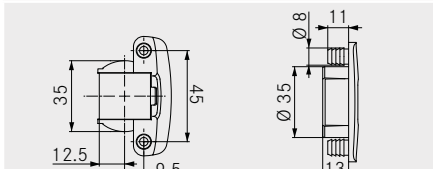
Cabinet making accessories

DRILLING PATTERNS

Version for screw fixing	Version for press fitting
	

Glass hole for decorative cover cap inst. set


CUP DIMENSIONS


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# SINGLE-JOINT HINGE MB-8320

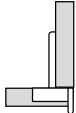

With direct height adjustment



- 270° opening angle
- Reveal 4 mm
- Tool-free clip fitting of door
- Cup edge cover
- Side adjustment -2 mm
- Height adjustment  $\pm 2$  mm via cam
- Visible joint
- Supplied with black cover caps, neutral
- Hinge arms and cups have to be ordered separately

## ORDER INFORMATION







### HINGE ARM

Door overlay		Designation	Material	Item No.	
Full overlay (19 mm cabinet side) Reveal 4 mm			MB-8320	Zamak, nickel-plated	<b>F150145167</b>

### HINGE CUP

	Screw fixing	Press fitting
Hinge cup – suitable for all MB hinge types	<b>F150000006</b>	<b>F150000021</b>

## ACCESSORIES

	Designation	Material	Item No.
	Decorative cover cap for use as glass door hinge. For 5 to 6 mm glass thicknesses. Set complete with plastic underlay and connecting screws.	Zamak, nickel-plated	<b>F150000018</b>
	Clothes protector, prevents soiling and damage through trapping. To be used with all single-joint hinges.	Plastic	<b>F150000017</b>
	Opening angle reduction clip, approx. 90°, for all single-joint hinges, except inset applications	-	<b>F150000019</b>
	Opening angle reduction clip, approx. 110°, for all single-joint hinges, except inset applications	-	<b>F150000020</b>
	Euro collar screws, nickel-plated, $\varnothing$ 6.3 x 10.5 mm	-	<b>F150145235</b>
	Euro collar screws, nickel-plated, $\varnothing$ 6.3 x 13.5 mm	-	<b>F150145234</b>

Soft-close Pin	330
Technical information	332

Installation technology	354
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INSTALLATION INFORMATION

All dimensions in millimetres

MB-8320 full overlay (19 mm cabinet side)

Door overlay 15

Door protrusion 0 mm with 180° opening angle

Position of holes for fixing hinge to cabinet	Hinge arm dimensions	

DRILLING PATTERNS

Version for screw fixing	Version for press fitting

Glass hole for decorative cover cap inst. set

CUP DIMENSIONS

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories



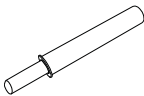
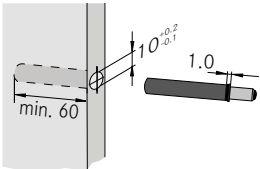
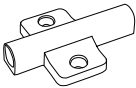
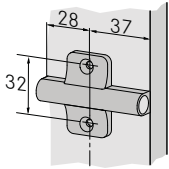
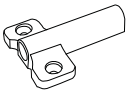
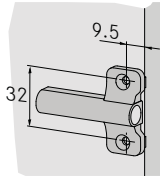
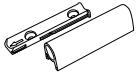
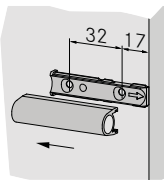
# SOFT-CLOSE PIN

Pneumatic damper for doors with single-joint hinges



- Suitable for all door sizes, shapes and materials
- Can also be retrofitted
- For insertion into a drill hole or for fitting with adapter plate

## ORDER INFORMATION

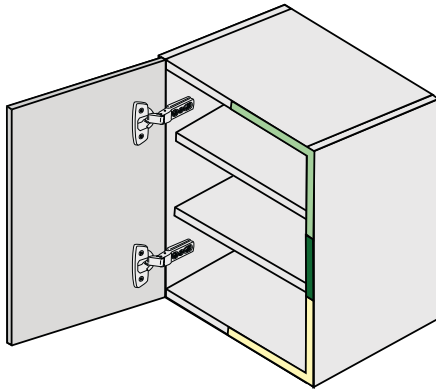
Soft-close Pin	Fitting into a drill hole	Item No.
<ul style="list-style-type: none"> <li>• Hole drilled into cabinet front edge</li> <li>• For perfect appearance</li> <li>• Housing: plastic, anthracite</li> <li>• Piston: light grey</li> </ul> 		<b>F069066528</b>
Adapter plate for line hole drilling	Euro screws	Item No.
<ul style="list-style-type: none"> <li>• Suitable for hole spacing 28 mm and 37 mm</li> <li>• Fixing with Euro screws (6.3 x 13.5)</li> <li>• Plastic, light grey</li> </ul> 		<b>F069063310</b>
Pin adapter Tipmatic Plus	Screw fixing	Item No.
<ul style="list-style-type: none"> <li>• For quick retrofit installation</li> <li>• Fixing with wood screws (3.5 x 13)</li> <li>• Plastic, light grey</li> </ul> 		<b>F069073697</b>
Pin linear adapter Tipmatic Plus	Screw fixing	Item No.
<ul style="list-style-type: none"> <li>• Design solution – also in conjunction with inset doors</li> <li>• Fixing with wood screws (3.5 x 13)</li> <li>• Plastic, light grey</li> </ul> 		<b>F069073696</b>

Soft-close Pin drilling jig 359

INSTALLATION INFORMATION

All dimensions in millimetres

Possible damper positions when fitting to a standard door

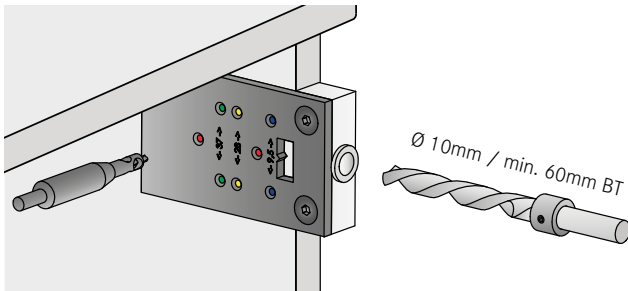


- 1
- 2
- 3

- 1 good position
- 2 optimum position
- 3 possible position

- For larger doors we recommend the installation of an additional damper.

Drilling jig for adapter plates and drill-in damper



The GRASS drilling jig for Soft-close can be used for drilling all adapter plate versions and the drill-in damper

**Note:** Drill bits are not supplied!

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

LEGEND

BT	Drilling depth
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# SINGLE-JOINT HINGES

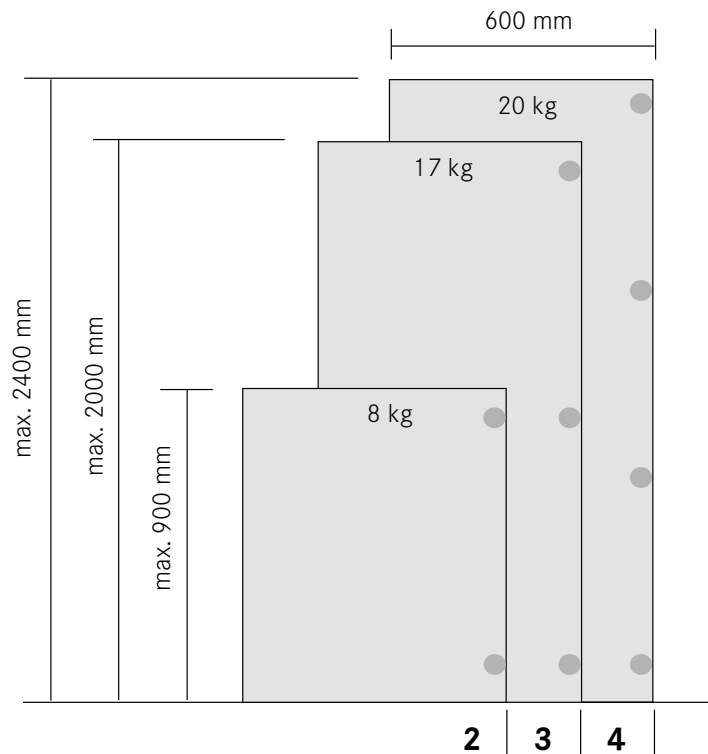
## Technical information

### NUMBER OF HINGES

#### Number of hinges

Applies to 19 mm thick chipboard.

Doors must not be greater in width than in height.



### MOUNTING/DISMOUNTING

#### Installation

Simply press in - cabinet and door are now firmly attached to each other.



#### Dismounting

The hinge connection can be released with a twist of a flat blade. This means that unintentional dismounting is not possible.



### ARM FIXING

#### Screws for arm fixing

2 Euro collar screws  
(6.3 x 10.5 mm or 6.3 x 13.5 mm)

1 chipboard screw 3.5 x 13 mm,  
Pozidriv size 2

This screw must be fitted  
for safety reasons.



ADJUSTMENTS

<p><b>Side adjustment MB-6010, MB-8010</b></p> <p>With this screw, the reveal can be directly adjusted. Adjustment range -2 mm.</p>		<p><b>Height adjustment MB-6010, MB-8010</b></p> <p>Adjustment via slots by breaking out the two pins below the Euro screws. Adjustment range +/-2 mm. Following adjustment, set 3rd screw.</p>	
<p><b>Side adjustment MB-8320</b></p> <p>With this screw, the reveal can be directly adjusted. Adjustment range -2 mm.</p>		<p><b>Direct height adjustment MB-8320</b></p> <p>Adjustment via screw. Adjustment range +/-2 mm. Release 3rd screw before adjustment; re-tighten following the adjustment.</p>	

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories






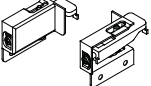
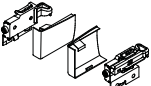



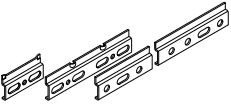
#### CABINET MAKING ACCESSORIES

From shelf supports, connecting screws, door buffers through to corner connectors – everything necessary for cabinet making.



# CABINET MAKING ACCESSORIES

Small components  
with a big effect.

	Product description	Page
	Connecting shelf supports, shelf supports	336
	Mitre joint fasteners, front panel adjuster, door buffers	338
	Eccentric connector FixoGRASS 9200	340
	Cabinet suspension fitting SH-25	342
	Cabinet suspension fitting SH-40	344
	Cabinet suspension fitting SH-62	346
	Cabinet suspension fitting SH-63	348
	Cabinet suspension fitting SH-64	350
	Suspension rails	352
	Installation technology	354

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

# CABINET MAKING ACCESSORIES

## Shelf supports




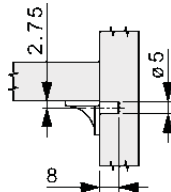

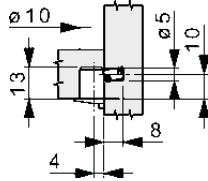

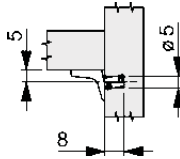

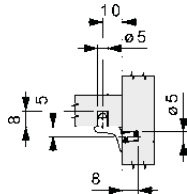

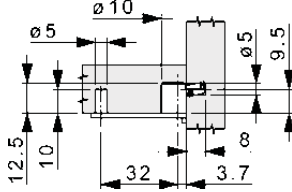

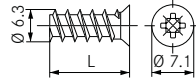

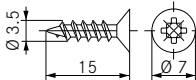
- Connecting shelf support FixoGRASS 9000
- Avoids possible buckling of cabinet side wall
- For heavily loaded shelves
- For shelves with a minimum thickness of 19 mm
- Clip prevents fitting from working loose

### ORDER INFORMATION

Designation			Material	Item No.
Shelf support for fixing with wood screws (length 13 mm, Ø 3.5 mm)			Zamak, nickel-plated	<b>F148043028</b>
Shelf support for fixing with Euro screws (length 13 mm, Ø 6.2 mm) BT- drilling depth			Zamak, nickel-plated	<b>F148043036</b>
Shelf support with steel pin Ø 3 mm BT- drilling depth			Zamak, nickel-plated	<b>F148045392</b>
Shelf support with steel pin Ø 5 mm BT- drilling depth			Zamak, nickel-plated	<b>F148045314</b>
Housing			Plastic, white	<b>F148043056</b>
Expanding pin (for housing)			Steel, zink-plated	<b>F148043053</b>

Installation technology 354

ORDER INFORMATION

Designation			Material	Item No.
Shelf support			Zamak, nickel-plated	<b>F069073459</b>
Shelf support			Zamak, nickel-plated	<b>F069073460</b>
Shelf support			Zamak, nickel-plated	<b>F069073464</b>
Shelf support			Zamak, nickel-plated	<b>F069073463</b>
Shelf support			Zamak, nickel-plated	<b>F069073461</b>
Euro screw, Ø 6.3 x 10.5 mm			nickel-plated	<b>F146073979</b>
Euro screw, Ø 6.3 x 13 mm				<b>F069135297</b>
Countersunk wood screw, Ø 3.5 x 15 mm			nickel-plated	<b>F146073976</b>

Installation technology 354


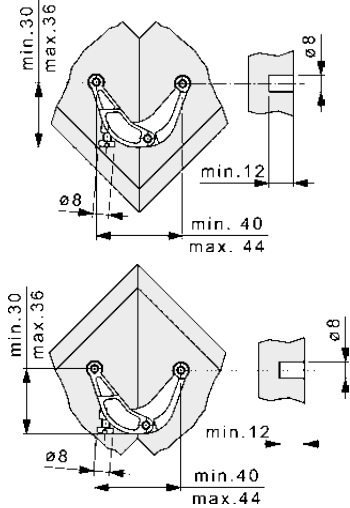

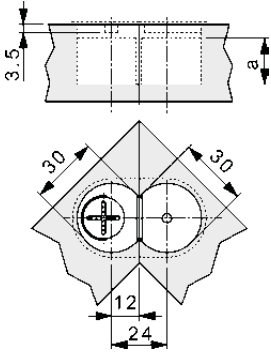
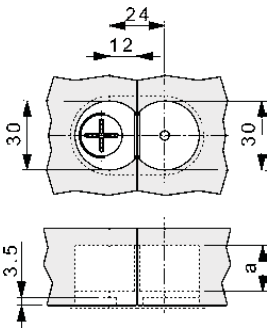


# CABINET MAKING ACCESSORIES

Mitre joint fasteners, front panel adjuster, door buffers



## ORDER INFORMATION


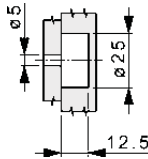

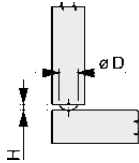
Designation			Material	Item No.
Mitre joint fastener			Zamak, natural	<b>F069073454</b>
Mitre joint fastener for thick profiles and worktops, drilling depth (a) 12 mm			Zamak, natural plastic, white	<b>F069073453</b>
Mitre joint fastener for thick profiles and worktops, drilling depth (a) 20 mm				<b>F069073452</b>

Installation technology

354



ORDER INFORMATION

Designation			Material	Item No.
Front panel adjuster (Fixing with screw M4)			Plastic, black	<b>F069073381</b>
Door buffer Ø 7 mm (D), H 1.5 mm			Plastic, trans- parent	<b>F146073835</b>
Door buffer Ø 10 mm (D), H 3 mm				<b>F146073836</b>

Tiomos

Nexis

Special  
hinges

Single-joint  
hinges

Cabinet making  
accessories

Installation technology	354
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# CABINET MAKING ACCESSORIES

## Eccentric connector FixoGRASS 9200



- For connecting side walls with worktops, base panels or shelves
- Small but sturdy connection fitting
- A range of steel bolts for different application options
- Easy to fit
- Eccentric installation with SW5 Allen key

### ORDER INFORMATION

Designation			Material	Item No.
Eccentric for board thickness 14 - 16 mm			Zamak, nickel-plated	<b>F148043000</b>
Eccentric for board thickness 17 - 20 mm				<b>F148043007</b>
Eccentric for board thickness 21 - 23 mm				<b>F148043015</b>
Corner bolt for fixing with Euro thread $\varnothing$ 6 mm			Steel, zink-plated	<b>F148044883</b>
Corner bolt for fixing with dowel $\varnothing$ 8 mm/M5			Steel, zink-plated	<b>F148044748</b>
Dowel $\varnothing$ 8 mm/M5			Plastic, white	<b>F071085142</b>
Corner bolt for fixing with dowel $\varnothing$ 10 mm/M6			Steel, zink-plated	<b>F148043024</b>
Dowel $\varnothing$ 10 mm/M6			Plastic, white	<b>F145083050</b>
Twin bolts for fitting in $\varnothing$ 5 mm holes,			Steel, zink-plated	<b>F148044841</b>
Twin bolts for fitting in $\varnothing$ 5 mm holes				<b>F148044842</b>

Installation technology

354

INSTALLATION INFORMATION

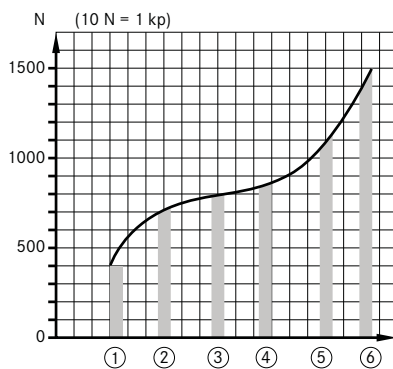
All dimensions in millimetres

Installation dimensions

Board thickness			
	14 - 16	17 - 20	21 - 23
a	12.5	15.0	16.2
b	8.0	9.5	11.0

Installation drawing with corner bolts      Installation drawing with countersunk bolts / twin bolts

LOAD



- 1 Dowel Ø8/M5 (not glued)
- 2 Dowel Ø8/M5 (glued)
- 3 Euro screw Ø6 x 11
- 4 Dowel Ø10/M6 (not glued)
- 5 Dowel Ø10/M6 (glued)
- 6 Twin pins

NOTES

The max. loads shown in the diagram are guide values for the axial pull-out resistance (of the bolt on the cabinet side).

The critical factors are the material quality and the diameter of the hole.

In case of doubt, the pull-out resistance should be determined with a trial application.

LEGEND

BOLH Bolt sleeve  
BOLS Bolt screw  
BS Shelf thickness  
BT Drilling depth

kp Kilopond  
N Newton

# CABINET SUSPENSION FITTING SH-25

Load capacity 200 kg



- Load capacity up to 200 kg per top cabinet in compliance with DIN 68840
- Made completely of steel
- Bearing arm closed
- Suitable for very heavy loads
- Surface: Nickel-plated or white powder coating
- Visible installation with low space requirements
- For steel rail suspension
- Screw fixing prevents accidental unscrewing

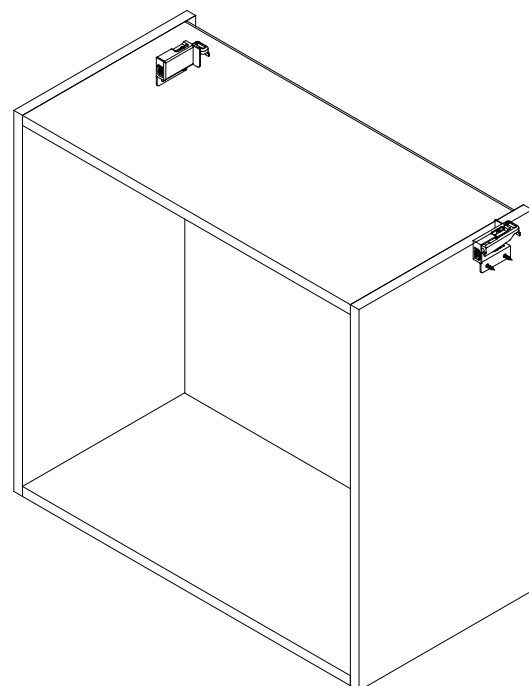
**One set includes:**

- Right-hand version (15x)
- Left-hand version (15x)

## ORDER INFORMATION

Designation		White	Nickel-plated
Cabinet suspension fitting set SH-25 left/right		<b>F155000003</b>	<b>F155000001</b>

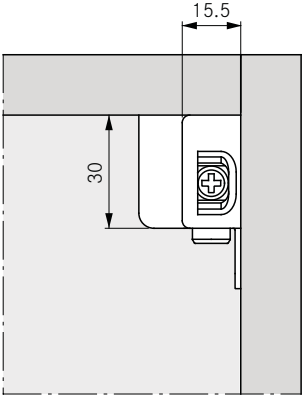
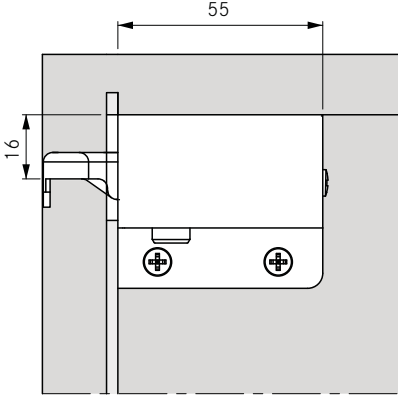
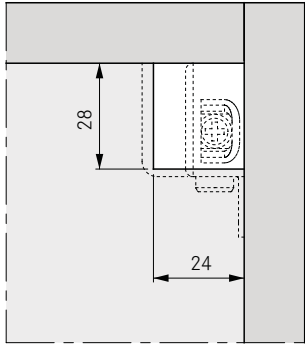
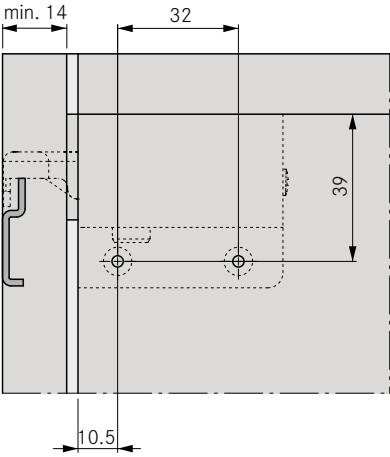
Fixing with chipboard screws only



Tiomos	11	Nexis Click-on	167	Special hinges	307
Nexis Impresso	125	Nexis Slide-on	231	Cabinet making accessories	335

ASSEMBLY AND INSTALLATION INSTRUCTIONS

All dimensions in millimetres

Required space in the cabinet	Required space on the side wall	Back panel cut-out
		
<p>Fixture with suspension rail</p>  <p>Suspension rail adjustment range:</p> <ul style="list-style-type: none"> <li>• Downwards 9 mm</li> <li>• Upwards 7 mm</li> <li>• To the rear 7 mm</li> <li>• To the front 7 mm</li> <li>• To the left 9 mm</li> <li>• To the right 9 mm</li> </ul>		
<p>Fixing with chipboard screw <math>\varnothing 4 \times 16</math></p>		

Tiomos

Nexis

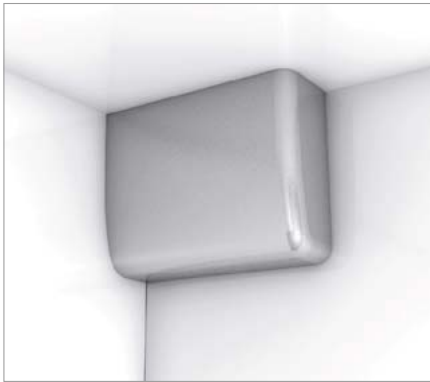
Special hinges

Single-joint hinges

Cabinet making accessories

# CABINET SUSPENSION FITTING SH-40

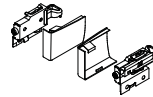
Load capacity 130 kg



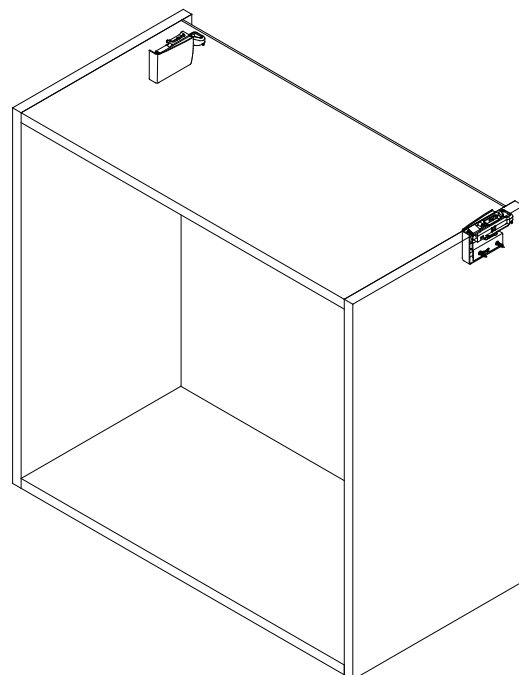
- Load capacity up to 130 kg per top cabinet in compliance with DIN 68840
  - Made completely of steel, anti-corrosion zinc coating
  - Suitable for very heavy loads
  - Visible installation with low space requirements
  - For steel rail, hook and wood rail suspension, with slip guard when suspended with hooks
  - Screw fixing prevents accidental unscrewing
  - Fast, exact adjustment with cross-recess screwdriver Pozidriv size 2
  - Automated installation possible
  - Cover caps in two colours
- One set includes:**
- Right-hand version (15x)
  - Left-hand version (15x)
  - Cover caps white or metallic silver (30x)

## ORDER INFORMATION

Designation	Cover caps	
	White	Metallic silver
Cabinet suspension fitting set SH-40 left/right including cover caps	F155145202	F155145203



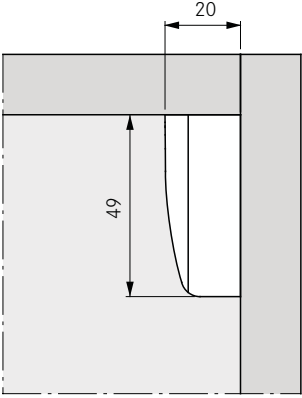
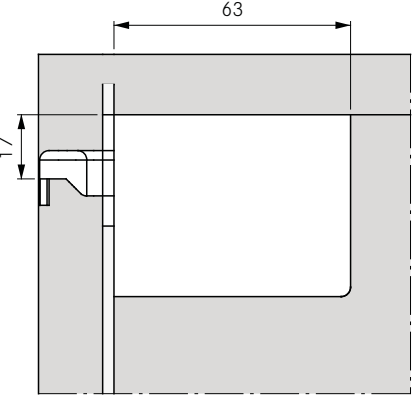
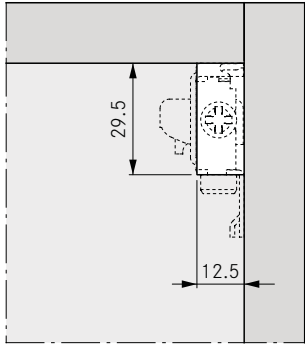
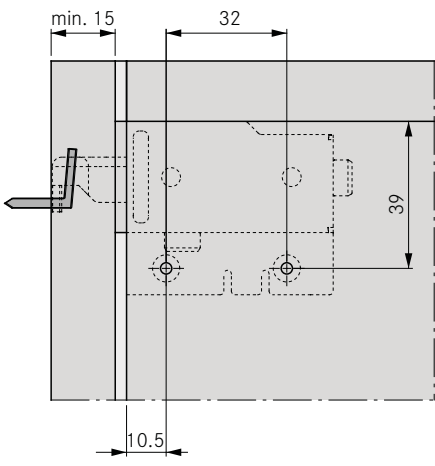
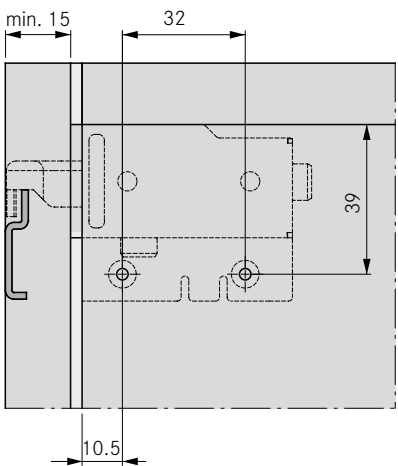

Fixture with chipboard screws only



Tiomos	11	Nexis Click-on	167	Special hinges	307
Nexis Impresso	125	Nexis Slide-on	231	Cabinet making accessories	335

ASSEMBLY AND INSTALLATION INSTRUCTIONS

All dimensions in millimetres

Required space in the cabinet	Required space on the side wall	Back panel cut-out
		
Fixture with hooks	Fixture with suspension rail	Note
 <p>Hook adjustment range:</p> <ul style="list-style-type: none"> <li>• Downwards 10 mm</li> <li>• Upwards 8 mm</li> <li>• To the rear 7 mm</li> <li>• To the front 7 mm</li> <li>• To the left 2.5<sup>1</sup> mm</li> <li>• To the right 2.5<sup>1</sup> mm</li> </ul> <p><sup>1</sup> with hooks Ø 5 mm</p>	 <p>Suspension rail adjustment range:</p> <ul style="list-style-type: none"> <li>• Downwards 10 mm</li> <li>• Upwards 8 mm</li> <li>• To the rear 7 mm</li> <li>• To the front 7 mm</li> <li>• To the left 9 mm</li> <li>• To the right 9 mm</li> </ul>	<p>The cross-recess screwdriver can be positioned at an angle.</p> 
<p>Fixing with chipboard screw Ø 4 x 16</p>		

Timos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories



# CABINET SUSPENSION FITTING SH-62

Load capacity 130/184 kg – Straight bearing arm

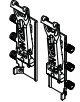
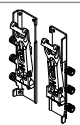


- SH6201: Load capacity up to 130 kg per top cabinet in compliance with DIN EN 15939
- SH6202: Load capacity up to 184 kg per top cabinet in compliance with DIN EN 15939
- Straight bearing arm
- Concealed installation independent of the top cabinet panel
- If SH-6202 is used, additional fixing on top panel possible
- Suitable for steel rails and wall hooks
- Load distribution on 3 mounting studs and chipboard screws
- Low space requirements of only 16 mm behind the back panel
- Automated installation possible
- Plastic assembly guide to ensure correct positioning of fitting
- Cover caps for back panel in two colours

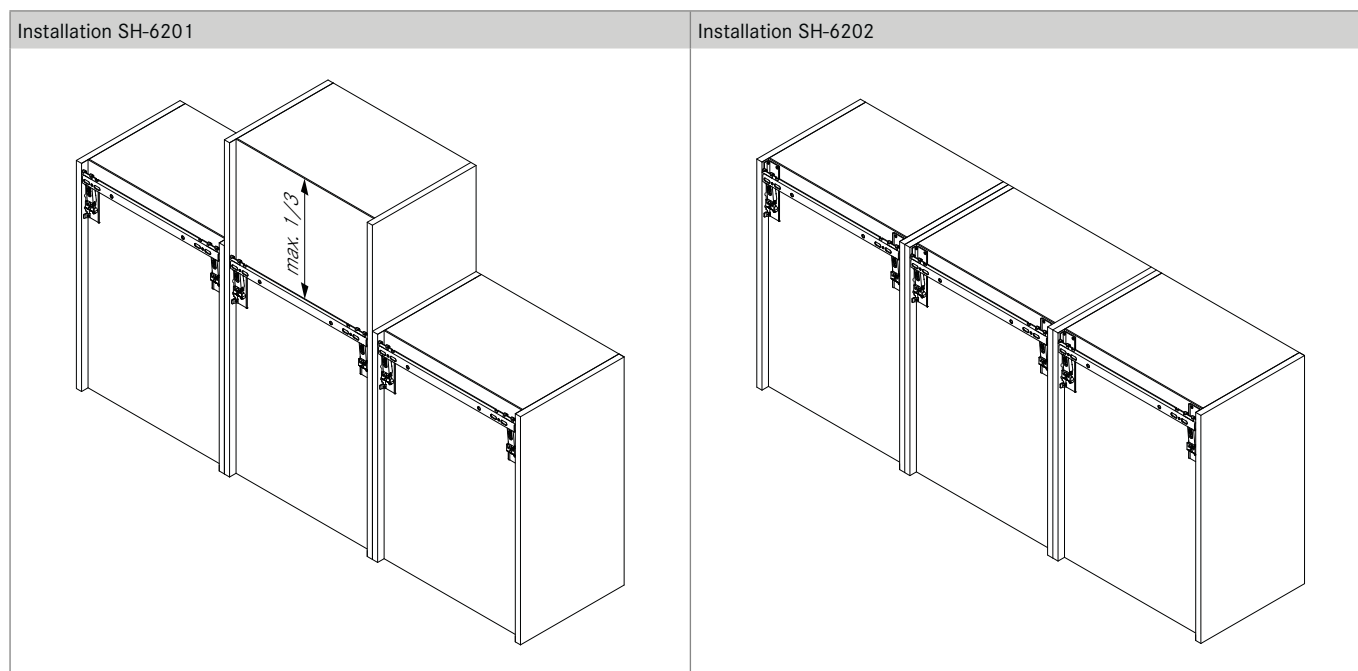
**One set includes:**

- Right-hand version (15x)
- Left-hand version (15x)
- Cover caps white or nickel-plated (60x)

## ORDER INFORMATION

Designation	Cover caps	
	White	Nickel-plated
Cabinet suspension fitting set SH-6201 with short base plate, straight bearing arm, left/right including cover caps	 F155147979	F155147980
Cabinet suspension fitting set SH-6202 with long base plate for additional fixing on the top panel, straight bearing arm, left/right incl. cover caps, transport protection for suspension rail	 F155147985	F155147986

## ASSEMBLY AND INSTALLATION INSTRUCTIONS



Tiomos	11
Nexis Impresso	125

Nexis Click-on	167
Nexis Slide-on	231

Special hinges	307
Cabinet making accessories	335

ASSEMBLY AND INSTALLATION INSTRUCTIONS

All dimensions in millimetres

Space requirements for SH-6201		Fixing with hooks or suspension rail for SH-6201	
		Hook adjustment range	Suspension rail adjustment range
Height adjustment		± 7.5 mm	± 7.5 mm
Side adjustment		± 4 mm (with 6 mm hook width)	± 8 mm
Depth adjustment (with 16 mm space)		To the rear 9 mm	To the rear 9 mm
		To the front 11 mm	To the front 11 mm

Space requirements for SH-6202		Fixing with hooks or suspension rail for SH-6202	
		Hook adjustment range	Suspension rail adjustment range
Height adjustment		± 7.5 mm	± 7.5 mm
Side adjustment		± 4 mm (with 6 mm hook width)	± 8 mm
Depth adjustment (with 16 mm space)		To the rear 9 mm	To the rear 9 mm
		To the front 11 mm	To the front 11 mm

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories



# CABINET SUSPENSION FITTING SH-63

Load capacity 130/184 kg – Offset bearing arm

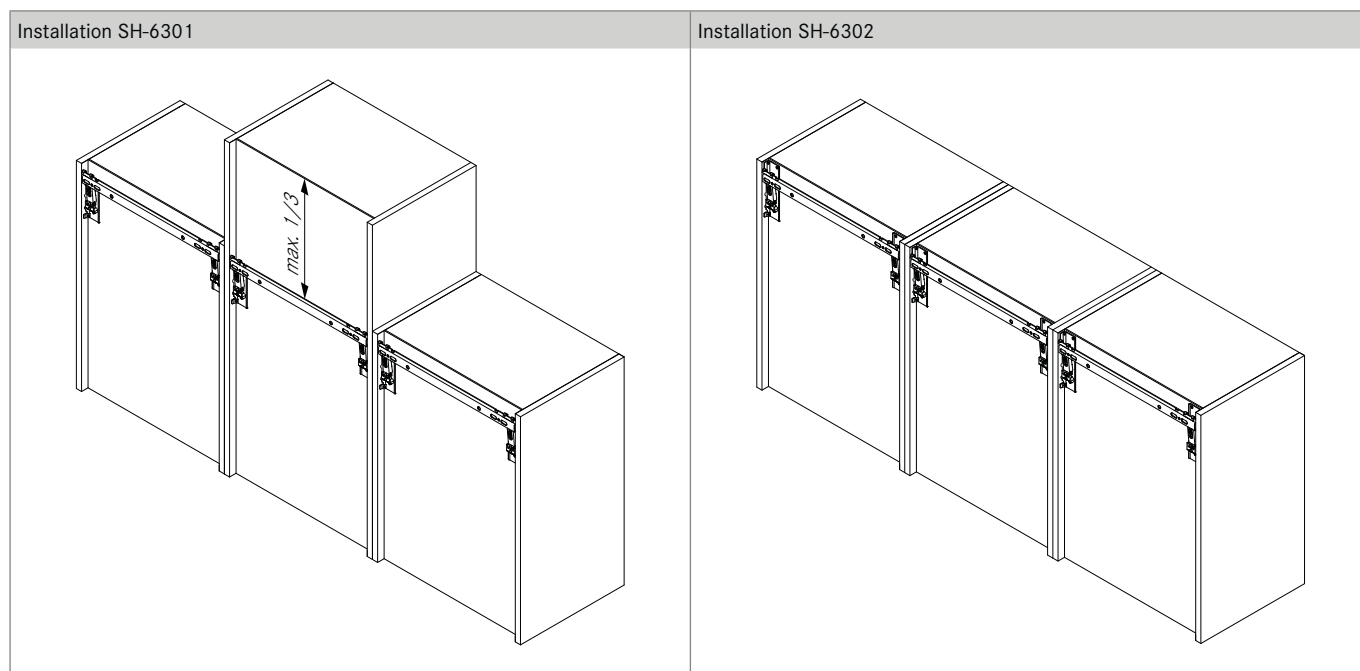


- SH6301: Load capacity up to 130 kg per top cabinet in compliance with DIN EN 15939
  - SH6302: Load capacity up to 184 kg per top cabinet in compliance with DIN EN 15939
  - Offset bearing arm – safe clamping with small spaces
  - Concealed installation independent of the top cabinet panel
  - If SH-6302 is used, additional fixing on top panel possible
  - Suitable for steel rails and wall hooks
  - Load distribution on 3 mounting studs and chipboard screws
  - Low space requirements of only 16 mm behind the back panel
  - Automated installation possible
  - Plastic assembly guide to ensure correct positioning of fitting
  - Cover caps for back panel in two colours
- One set includes:**
- Right-hand version (15x)
  - Left-hand version (15x)
  - Cover caps white or nickel-plated (60x)

## ORDER INFORMATION

Designation	Cover caps	
	White	Nickel-plated
Cabinet suspension fitting set SH-6301 with short base plate, offset bearing arm, left/right including cover caps	 <b>F155145206</b>	<b>F155145207</b>
Cabinet suspension fitting set SH-6302 with long base plate for additional fixing on the top panel, offset bearing arm, left/right incl. cover caps, transport protection for suspension rail	 <b>F155147983</b>	<b>F155147984</b>

## ASSEMBLY AND INSTALLATION INSTRUCTIONS



Tiomos	11
Nexis Impresso	125

Nexis Click-on	167
Nexis Slide-on	231

Special hinges	307
Cabinet making accessories	335

ASSEMBLY AND INSTALLATION INSTRUCTIONS

All dimensions in millimetres

Space requirements for SH-6301		Fixing with hooks or suspension rail for SH-6301	
		Hook adjustment range	Suspension rail adjustment range
Height adjustment		± 7.5 mm	± 7.5 mm
Side adjustment		± 4 mm (with 6 mm hook width)	± 8 mm
Depth adjustment (with 16 mm space)		To the rear 4 mm	To the rear 4 mm
		To the front 11 mm	To the front 11 mm

Space requirements for SH-6302		Fixing with hooks or suspension rail for SH-6302	
		Hook adjustment range	Suspension rail adjustment range
Height adjustment		± 7.5 mm	± 7.5 mm
Side adjustment		± 4 mm (with 6 mm hook width)	± 8 mm
Depth adjustment (with 16 mm space)		To the rear 4 mm	To the rear 4 mm
		To the front 11 mm	To the front 11 mm

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

# CABINET SUSPENSION FITTING SH-64

Load capacity 130/184 kg – Offset bearing arm incl. tool-free dislodgement protection



- SH6401: Load capacity up to 130 kg per top cabinet in compliance with DIN EN 15939
  - SH6402: Load capacity up to 184 kg per top cabinet in compliance with DIN EN 15939
  - Offset bearing arm
  - Incl. tool-free dislodgement prevention
  - Concealed installation independent of the top cabinet panel
  - If SH-6402 is used, additional fixing on top panel possible
  - Suitable for GRASS suspension rail and wall hook
  - Load distribution on 3 mounting studs and chipboard screws
  - Low space requirements of only 16 mm behind the back panel
  - Automated installation possible
  - Plastic assembly guide to ensure correct positioning of fitting
  - Cover caps for back panel in two colours
- One set includes:**
- Right-hand version (15x)
  - Left-hand version (15x)
  - Cover caps white or nickel-plated (60x)

## ORDER INFORMATION

Designation	Cover caps	
	White	Nickel-plated
Cabinet suspension fitting set SH-6401 with short base plate with dislodgement prevention, offset bearing arm, left/right incl. cover caps	<b>F155147965</b>	<b>F155147966</b>
Cabinet suspension fitting set SH-6402 with long base plate for additional fixing on the top panel with dislodgement prevention, offset bearing arm, left/right incl. cover caps, transport protection for suspension rail	<b>F155147967</b>	<b>F155147968</b>

## ASSEMBLY AND INSTALLATION INSTRUCTIONS

<p>Installation SH-6401</p>	<p>Installation SH-6402</p>	
<p>Installation SH-64 with dislodgement prevention <sup>1</sup></p>	<p>Hook-in adjustment</p>	<p>Depth adjustment with effective dislodgement prevention <sup>1</sup></p>
<p>Before hanging: Put the bearing arm down completely</p>		

<sup>1</sup> When using the GRASS suspension rail

Tiomos	11	Nexis Click-on	167	Special hinges	307
Nexis Impresso	125	Nexis Slide-on	231	Cabinet making accessories	335

ASSEMBLY AND INSTALLATION INSTRUCTIONS

All dimensions in millimetres

Space requirements for SH-6401		Fixing with hooks or suspension rail for SH-6401	
		Hook adjustment range	Suspension rail adjustment range
Height adjustment		± 7.5 mm	± 7.5 mm
Side adjustment		± 4 mm (with 6 mm hook width)	± 8 mm
Depth adjustment (with 16 mm space)		To the rear 4 mm	To the rear 4 mm
		To the front 11 mm	To the front 11 mm

Space requirements for SH-6402		Fixing with hooks or suspension rail for SH-6402	
		Hook adjustment range	Suspension rail adjustment range
Height adjustment		± 7.5 mm	± 7.5 mm
Side adjustment		± 4 mm (with 6 mm hook width)	± 8 mm
Depth adjustment (with 16 mm space)		To the rear 4 mm	To the rear 4 mm
		To the front 11 mm	To the front 11 mm

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

# SUSPENSION RAILS

For cabinet suspension fittings



- Safe wall fixing
- Surface zinc-coated
- Profile thickness 1.75 mm

**One set includes:**

- Suspension rail type 1 (10x)
- Suspension rail type 2 +3 (30x)

## ORDER INFORMATION

	Length	Item No.
Suspension rail type 1, with round holes and slots for cabinet suspension fittings	2500	<b>F155146852</b>
Suspension rail type 2, with slip guard (embossing) for concealed cabinet suspension fittings SH-62, SH-63, SH-64	125	<b>F155145208</b>
Suspension rail type 3, with slip guard for visible cabinet suspension fitting SH-25 and SH-40	58	<b>F155145209</b>

For fixing use screw with a 13 mm head (5.5 x 60) as well as a suitable masonry dowel.  
Fixing lengths upon request.

Cabinet suspension fitting SH-25	342
Cabinet suspension fitting SH-40	344

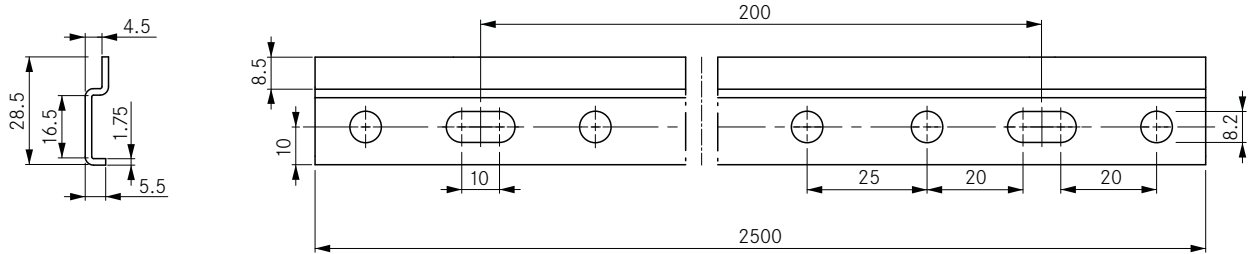
Cabinet suspension fitting SH-62	346
Cabinet suspension fitting SH-63	348

Cabinet suspension fitting SH-64	350
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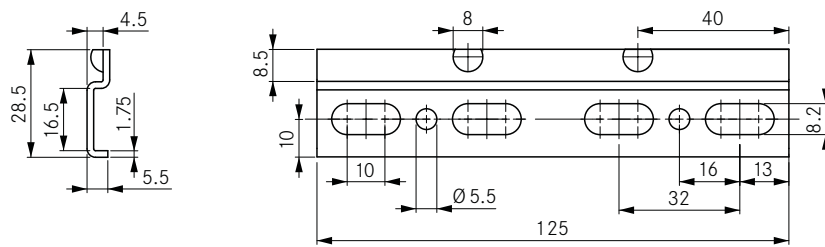
ASSEMBLY AND INSTALLATION INSTRUCTIONS

All dimensions in millimetres

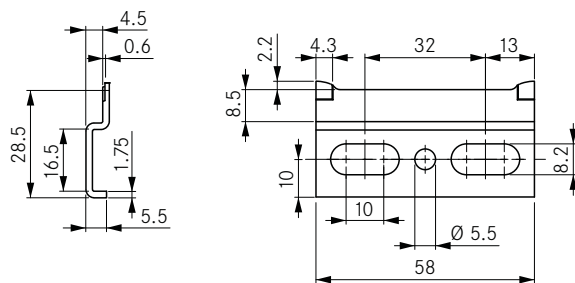
Suspension rail type 1



Suspension rail type 2



Suspension rail type 3



Tiomos

Nexis

Special  
hinges

Single-joint  
hinges

Cabinet making  
accessories



# TECMATOR RM

Ideal for cabinet makers



- Robust and practical construction
- Quick assembly
- 3 spindle drilling head for hinge holes

#### Standard specification

- 3 spindle drilling head
- 1 tool set
- 1 combined stop and ruler, 600 mm
- 2 pivoting stops with clamping lever
- 1 work plate

**Pivoting lever, insertion die and drill bits are not included in the standard equipment. Please order separately.**

## ORDER INFORMATION

Designation	Voltage	Frequency	Item No.
Tecmator RM, 3 spindle, 45/9.5	1 x 230 V	50 Hz	<b>F146135852</b>
Tecmator RM, 3 spindle, 45/9.5	1 x 110 V	60 Hz	<b>F146135851</b>

Designation	Voltage	Frequency	Item No.
Tecmator RM, 3 spindle, 48/9	1 x 230 V	50 Hz	<b>F146135854</b>
Tecmator RM, 3 spindle, 48/9	1 x 110 V	60 Hz	<b>F146135853</b>

Designation	Voltage	Frequency	Item No.
Tecmator RM, 3 spindle, 42/11	1 x 230 V	50 Hz	<b>F146135856</b>
Tecmator RM, 3 spindle, 42/11	1 x 110 V	60 Hz	<b>F146135855</b>

Designation	Voltage	Frequency	Item No.
Tecmator RM, 3 spindle, 52/5.5	1 x 230 V	50 Hz	<b>F146135858</b>
Tecmator RM, 3 spindle, 52/5.5	1 x 110 V	60 Hz	<b>F146135857</b>

Designation	Voltage	Frequency	Item No.
Tecmator RM, 3 spindle, 48/6	1 x 230 V	50 Hz	<b>F146135860</b>
Tecmator RM, 3 spindle, 48/6	1 x 110 V	60 Hz	<b>F146135859</b>

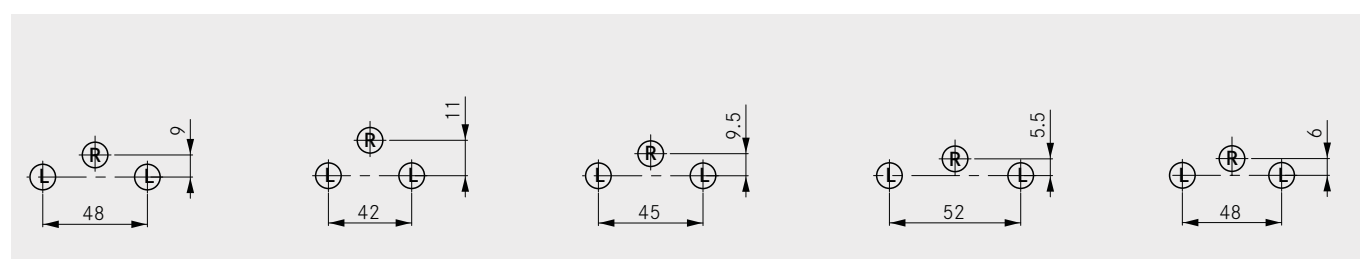
## DRILL BITS WITH SHANK Ø 10

	Length of drill bit	Ø of drill bit	Left (red)	Right (black)
	50	2.7	<b>F146135822</b>	<b>F146135823</b>
	57	5	<b>F146135824</b>	<b>F146135825</b>
		8	<b>F146135826</b>	<b>F146135827</b>
		10	<b>F146135828</b>	<b>F146135829</b>
		35	-	<b>F146135830</b>

## ACCESSORIES

	Description	Item No.
	Pivoting lever for insertion die	<b>F146135861</b>
	Universal insertion die for Nexis and Tiomos 110° and 160° hinges (other dies upon request)	<b>F146135821</b>
	Side stop left or right	<b>F146135810</b>
	Extension ruler, 800 mm left	<b>F146135831</b>
	Extension ruler, 800 mm right	<b>F146135832</b>
	Quick-release chuck, left	<b>F146135835</b>
	Quick-release chuck, right	<b>F146135836</b>

## DRILLING TEMPLATE



# TECMATOR RP

Ideal for cabinet makers, shop fitters and small series manufacturers



- Robust and practical construction
- Easy and trouble-free swapping of the spindle head
- Certified, type-approved design
- Pneumatic two-hand control for fast, safe working
- 6 spindle drilling head for drilling hinge, mounting plate and fixtures and fittings holes
- Useful special accessories offer enhanced machining options for furniture parts

### Standard specification

- 6 spindle drilling head including drill bit
- 1 insertion die for Nexis and Tiomos hinges
- 1 tool set
- 1 combined stop and ruler, 600 mm
- 2 pivoting stops with clamping lever
- 1 work plate

## ORDER INFORMATION

Designation	Voltage	Frequency	Item No.
Tecmator RP, 6 spindle, 45/9.5	1 x 230 V	50 Hz	<b>F146135840</b>
Tecmator RP, 6 spindle, 45/9.5	1 x 110 V	60 Hz	<b>F146135838</b>
Tecmator RP, 6 spindle, 45/9.5	1 x 220 V	60 Hz	<b>F146135839</b>
Tecmator RP, 6 spindle, 45/9.5	3 x 380 V	50 Hz	<b>F146135841</b>

Designation	Voltage	Frequency	Item No.
Tecmator RP, 6 spindle, 48/9	1 x 230 V	50 Hz	<b>F146135814</b>
Tecmator RP, 6 spindle, 48/9	1 x 110 V	60 Hz	<b>F146135812</b>
Tecmator RP, 6 spindle, 48/9	1 x 220 V	60 Hz	<b>F146135813</b>
Tecmator RP, 6 spindle, 48/9	3 x 380 V	50 Hz	<b>F146135815</b>

Designation	Voltage	Frequency	Item No.
Tecmator RP, 6 spindle, 42/11	1 x 230 V	50 Hz	<b>F146135833</b>
Tecmator RP, 6 spindle, 42/11	1 x 110 V	60 Hz	<b>F146135831</b>
Tecmator RP, 6 spindle, 42/11	1 x 220 V	60 Hz	<b>F146135832</b>
Tecmator RP, 6 spindle, 42/11	3 x 380 V	50 Hz	<b>F146135834</b>

Designation	Voltage	Frequency	Item No.
Tecmator RP, 6 spindle, 52/5.5	1 x 230 V	50 Hz	<b>F146135844</b>
Tecmator RP, 6 spindle, 52/5.5	1 x 110 V	60 Hz	<b>F146135842</b>
Tecmator RP, 6 spindle, 52/5.5	1 x 220 V	60 Hz	<b>F146135843</b>
Tecmator RP, 6 spindle, 52/5.5	3 x 380 V	50 Hz	<b>F146135845</b>

Designation	Voltage	Frequency	Item No.
Tecmator RP, 6 spindle, 48/6	1 x 230 V	50 Hz	<b>F146135848</b>
Tecmator RP, 6 spindle, 48/6	1 x 110 V	60 Hz	<b>F146135846</b>
Tecmator RP, 6 spindle, 48/6	1 x 220 V	60 Hz	<b>F146135847</b>
Tecmator RP, 6 spindle, 48/6	3 x 380 V	50 Hz	<b>F146135849</b>

## TECHNICAL DATA

Connections	
Electrical	1.5 KW
Pneumatic	6 bar 3000 N
Dust extraction	2 x Ø 100 mm

Dimensions	
Width	0.80 m
Depth	0.60 m
Height	0.78 m
Work table	0.60 m x 0.40 m

Weight	
	65 kg

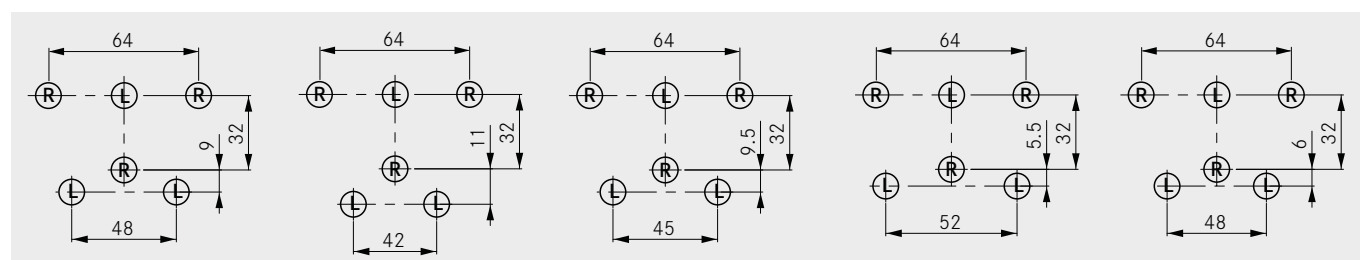
## DRILL BITS WITH SHANK Ø 10

	Length of drill bit	Ø of drill bit	Left (red)	Right (black)
	50	2.7	<b>F146135822</b>	<b>F146135823</b>
	57	5	<b>F146135824</b>	<b>F146135825</b>
		8	<b>F146135826</b>	<b>F146135827</b>
		10	<b>F146135828</b>	<b>F146135829</b>
		35	-	<b>F146135830</b>

## ACCESSORIES

	Description	Item No.
	7 spindle vertical drilling gear with integrated rig pins for drilling hole series in the 32 mm system (drill bits not supplied)	<b>F146135811</b>
	Side stop left or right	<b>F146135810</b>
	Extension ruler, 800 mm left	<b>F146135831</b>
	Extension ruler, 800 mm right	<b>F146135832</b>
	Universal insertion die for Nexis and Tiomos 110° and 160° hinges (other dies upon request)	<b>F146135821</b>
	Quick-release chuck, left	<b>F146135835</b>
	Quick-release chuck, right	<b>F146135836</b>

## DRILLING TEMPLATE



## ADVANTAGES

Optimal holding thanks to pneumatic hold-down block



Pneumatic two-hand control for fast, safe working



6 spindle drilling head for drilling holes for hinges, mounting plates and fixtures and fittings



# HINGE SYSTEMS

## Assembly aids

### HINGE DRILLING JIG JIG 500



Drilling jig for Nexis and Tiomos hinges with wood screw fastening, pre-assembled dowels or Impresso hinges and for cross mounting plates.

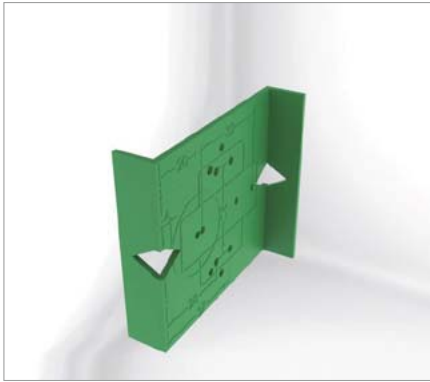
1 set includes:

- Drilling jig (1x)
- Template for cross mounting plates (1x)
- Drilling machine bit (1x)
- Drill bit Ø 35 mm (1x)
- Drill bits Ø 8 mm (2x)



Drilling pattern	Item No.
45/9.5	F146135776
48/9	F146078184
42/11	F146135792
52/5.5	F146135791
48/6	F146135793

### MARKING JIG



Easy marking and pre-drilling for hinges, mini-hinges, cross and linear mounting plates.

Nexis drilling pattern	Item No.
48/9	F069073384

Tiomos drilling pattern	Item No.
45/9.5	F146135787
48/9	F146135786
42/11	F146135789
52/5.5	F146135788
48/6	F146135790

### TIOMOS COMFORT MARKING GAUGE



- Easy to use
- Cup distance 3 – 5 mm
- Hinge cup positioning
- Linear mounting plate positioning
- Cross mounting plate positioning

	Item No.
	F146135865

### PUNCHING TOOL FOR NEXIS SOFT-CLOSE



Place punching tool on the inserted Soft-close Impresso adapter and punch the adapter into place.

	Item No.
	F146095590

Tiomos hinge system	11
Nexis hinge system	123

Soft-close Impresso	282
Drilling and insertion machines	354

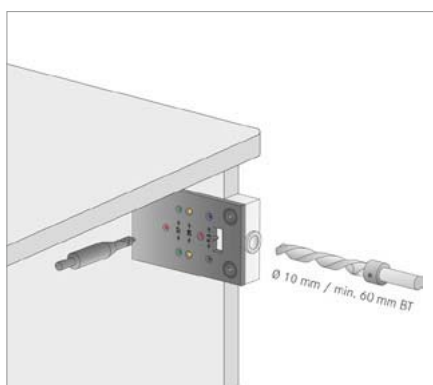
### PUNCHING TOOL FOR TIOMOS



Punching tool for Tiomos linear mounting plates with dowel fixing.

Mounting plate height	Item No.
0/2/3/3.5	<b>F146135774</b>
12	<b>F146135775</b>

### DRILLING JIG FOR SOFT-CLOSE PIN



#### Application

You can use the Soft-close Pin drilling jig for all adapter plate and drill-in damper versions.

	Item No.
Drilling jig (without bits)	<b>F146095470</b>
Drill bit Ø 10 mm with stop ring	<b>F146038823</b>

### DRILL BIT Ø 5 MM WITH STOP RING



Use for pre-drilling holes for Euro screws.

- Ø 5 mm
- with stop ring
- Length 75 mm

	Item No.
	<b>F146092594</b>

### PILOT DRILL BIT



Use for pre-drilling countersunk chipboard screws Ø 3.5 mm.

	Item No.
Pilot drill bit	<b>F146035692</b>
Spare drill bit Ø 2.7	<b>F146090561</b>

Tiomos hinge system	11
Nexis hinge system	123

Soft-close Pin	290
Drilling and insertion machines	354

# HINGE SYSTEMS

Assembly aids

## SCREWDRIVER



GRASS cross head screwdriver  
(Pozidriv No. 2)

	Item No.
	<b>F147010256</b>

Tiomos hinge system	11
Nexis hinge system	123

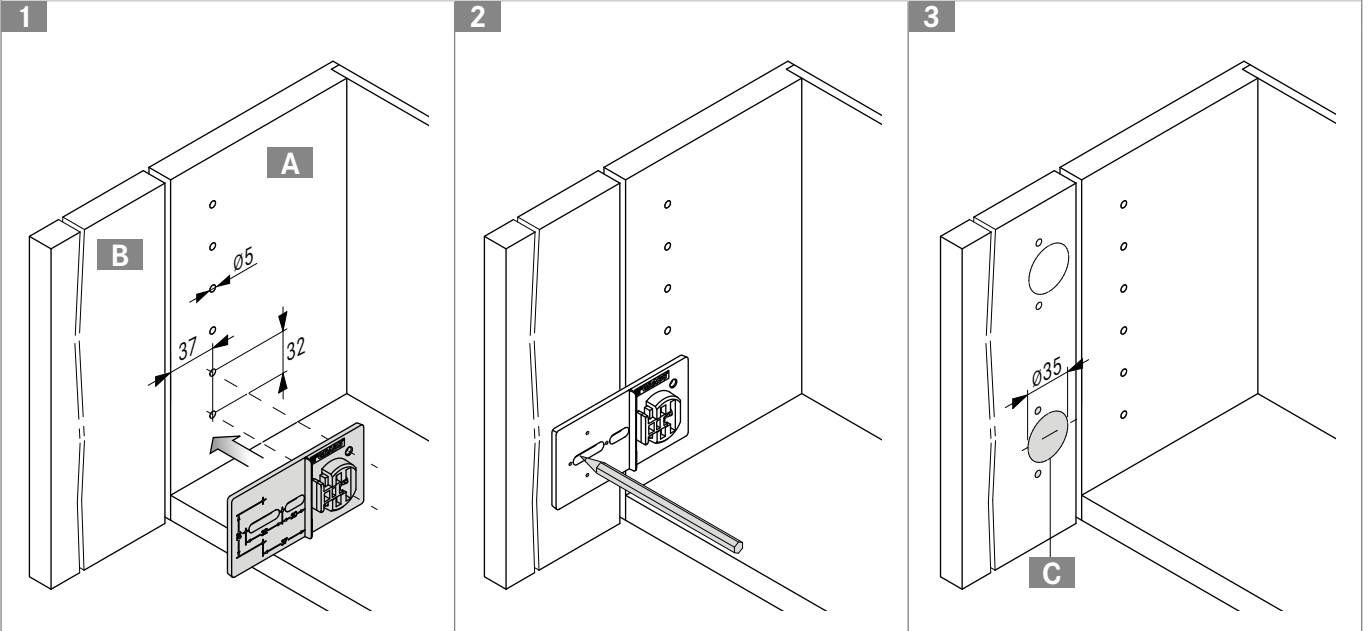
Drilling and insertion machines	354


ASSEMBLY INSTRUCTIONS

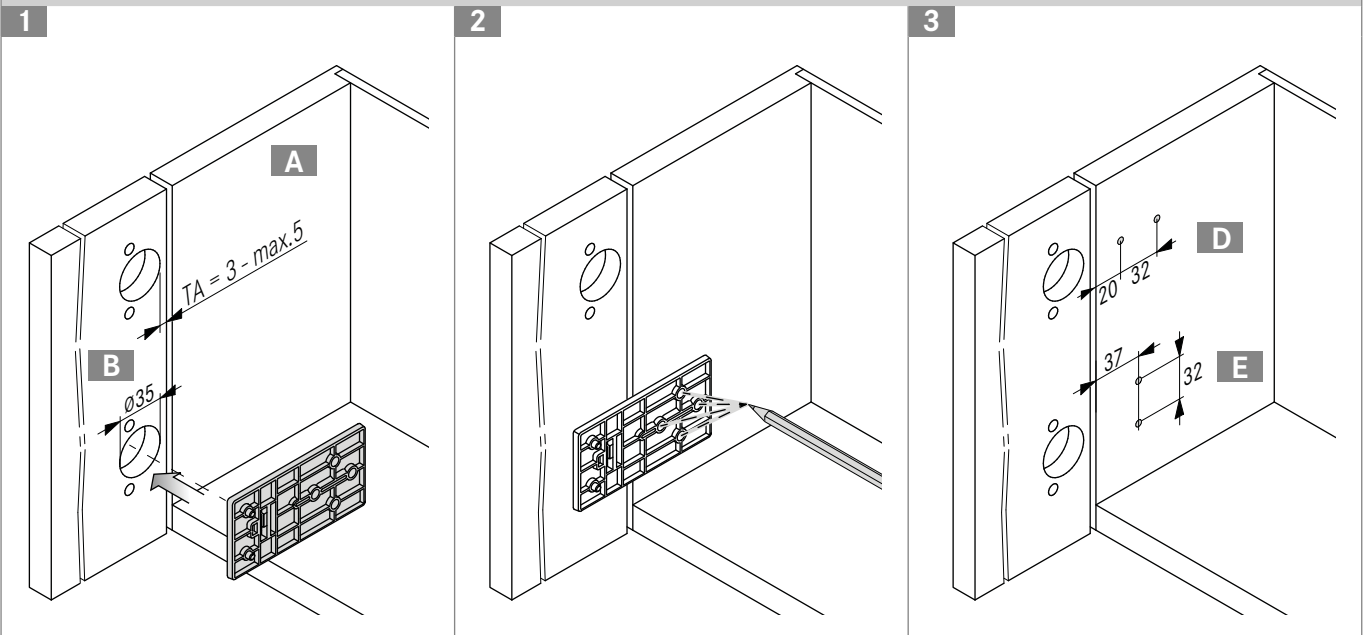
All dimensions in millimetres

Timos comfort marking gauge

Use with existing hole spacing 37



Use with existing cup hole



LEGEND

- A Cabinet side
- B Door
- C Cup hole
- D Linear mounting plate

- E Cross mounting plate
- TA Cup distance



# ITEM NO. INDEX

F article no. / Article no., old

F Article no.	Article no., old	PU	Page
---------------	------------------	----	------

## F014

F014072504225	146.604.35.0015	125	128
F014072506225	145.604.35.0815	125	128
F014072507225	146.604.35.1515	125	128
F014072508225	145.604.35.1515	125	128
F014072509225	146.605.35.0015	125	136
F014072510225	145.605.35.0015	125	136
F014072511225	146.705.35.0215	125	138
F014072512225	146.705.35.0315	125	140
F014072514225	146.605.35.0815	125	136
F014072515213	146.705.35.0815	25	142
F014072517225	146.605.35.1515	125	136
F014072518225	145.605.35.1515	125	136
F014072519225	146.705.35.9615	125	150
F014072520225	146.622.35.0015	125	130
F014072521225	145.622.35.0015	125	130
F014072522225	146.622.35.0815	125	130
F014072523225	145.622.35.0815	125	130
F014072524225	146.629.35.0015	125	132
F014072526225	146.729.35.0115	125	146
F014072527225	146.629.35.0815	125	132
F014072528225	146.729.35.1015	125	144
F014072529225	146.729.35.4515	125	148
F014072530217	146.765.35.0015	50	134
F014072531217	145.765.35.0015	50	134
F014072532217	146.765.35.0815	50	134
F014072567225	146.604.35.0815	125	128

## F015

F015072719236	146.304.56.0015	250	170
F015072722236	146.304.55.0015	250	170
F015072724236	145.304.55.0015	250	170
F015072727236	146.304.56.0815	250	170
F015072729236	146.304.55.0815	250	170
F015072730236	145.304.55.0815	250	170
F015072732236	146.304.56.1515	250	170
F015072736236	146.304.55.1515	250	170
F015072738236	145.304.55.1515	250	170
F015072739236	146.304.55.9815	250	170
F015072741236	146.305.54.0015	250	178
F015072742236	146.305.53.0015	250	178
F015072743236	145.305.53.0015	250	178
F015072747225	146.405.53.0215	125	186
F015072751225	146.405.53.0315	125	190
F015072752225	145.405.53.0315	125	190
F015072754225	146.405.53.0615	125	184
F015072757225	146.405.53.0815	125	192
F015072760236	146.305.53.0815	250	178
F015072762236	145.305.53.0815	250	178
F015072767236	146.305.54.1515	250	178
F015072768236	146.305.53.1515	250	178
F015072770236	145.305.53.1515	250	178
F015072771225	146.405.53.1615	125	188
F015072787225	146.405.54.9615	125	200
F015072788225	146.405.53.9615	125	200
F015072789225	145.405.53.9615	125	200
F015072792236	146.610.53.0015	250	180
F015072793236	146.710.53.0815	250	180
F015072795236	146.317.61.0015	250	204
F015072796236	146.617.04.0015	250	206
F015072797236	146.617.06.0015	250	208

F Article no.	Article no., old	PU	Page
---------------	------------------	----	------

F015072798236	146.417.61.0815	250	204
F015072799236	146.717.04.0815	250	206
F015072800236	146.717.06.0815	250	208
F015072801213	146.717.06.1515	25	208
F015072803236	146.017.93.0084	250	210
F015072804236	146.117.93.0884	250	210
F015072805236	146.117.93.1584	250	210
F015072810236	146.322.54.0015	250	172
F015072811236	146.322.53.0015	250	172
F015072816236	145.322.53.0015	250	172
F015072817236	146.322.54.0815	250	172
F015072818236	146.322.53.0815	250	172
F015072819236	145.322.53.0815	250	172
F015072820225	146.425.53.0015	125	182
F015072822225	146.425.53.0815	125	182
F015072823225	146.425.53.1515	125	182
F015072825236	146.329.56.0015	250	174
F015072827236	146.329.55.0015	250	174
F015072829225	146.429.24.0115	125	196
F015072832236	146.329.55.0815	250	174
F015072834225	146.429.14.1015	125	194
F015072835225	146.429.53.4515	125	198
F015072840217	146.765.54.0015	50	176
F015072842217	146.765.53.0015	50	176
F015072843217	145.765.53.0015	50	176
F015072844217	146.765.54.0815	50	176
F015072845217	146.765.53.0815	50	176
F015072846217	145.765.53.0815	50	176
F015072858225	146.700.01.0015	125	202
F015072861217	298.707.88.0015	50	212
F015072862217	298.707.88.9815	50	214
F015072863217	299.707.88.0015	50	212
F015072864217	299.707.88.9815	50	214
F015072965236	146.717.04.1515	250	206

## F016

F016073008236	404.304.53.0015	250	234
F016073010236	404.304.54.0015	250	234
F016073014236	404.304.53.0815	250	234
F016073016236	404.304.54.0815	250	234
F016073018236	404.304.53.1515	250	234
F016073020236	404.304.54.1515	250	234
F016073023236	404.304.53.9815	250	234
F016073027225	456.405.53.0015	125	254
F016073028236	404.305.53.0015	250	242
F016073032225	458.405.53.0215	125	246
F016073033225	454.405.53.0315	125	248
F016073038225	454.405.53.0815	125	250
F016073039236	404.305.53.0815	250	242
F016073044236	404.305.53.1515	250	242
F016073045236	404.305.54.1515	250	242
F016073048225	456.405.53.9615	125	252
F016073049236	406.317.61.0015	250	264
F016073051236	406.417.61.0815	250	264
F016073052236	406.417.61.1515	250	264
F016073053236	406.617.04.0015	250	266
F016073054236	406.717.04.0815	250	266
F016073055236	406.717.04.1515	250	266
F016073056236	406.017.93.0084	250	268
F016073057236	406.117.93.0884	250	268
F016073058236	406.117.93.1584	250	268
F016073062236	404.322.53.0015	250	236

F Article no.	Article no., old	PU	Page
---------------	------------------	----	------

F016073064236	404.322.53.0815	250	236
F016073066225	406.425.53.0015	125	244
F016073068225	406.425.53.0815	125	244
F016073069225	406.425.53.1515	125	244
F016073070236	426.329.55.0015	250	238
F016073077217	416.765.53.0015	50	240
F016073079217	416.765.53.0815	50	240
F016073084225	412.770.08.0015	125	258
F016073088225	412.770.00.0015	125	256
F016073090225	412.770.04.0015	125	256
F016073095225	412.770.08.0815	125	258
F016073096225	414.780.82.0013	125	260
F016073098225	414.780.80.0013	125	260
F016073099225	414.780.80.0015	125	260
F016073100225	474.700.01.0015	125	262
F016073122225	414.780.84.0015	125	260
F016135457225	-	125	260

## F017

F017139329217	-	50	14
F017139330217	-	50	14
F017139331217	-	50	14
F017139332217	-	50	14
F017139335213	-	25	40
F017139336213	-	25	44
F017139337213	-	25	48
F017139338213	-	25	52
F017139339213	-	25	56
F017139340213	-	25	60
F017139341213	-	25	32
F017139342213	-	25	36
F017139343217	-	50	18
F017139344217	-	50	18
F017139345217	-	50	18
F017139346217	-	50	18
F017139347213	-	25	64
F017139348213	-	25	68
F017139349213	-	25	72
F017139350213	-	25	22
F017139351213	-	25	22
F017139352213	-	25	22
F017139353217	-	50	26
F017139354217	-	50	26
F017139355217	-	50	26
F017139356217	-	50	26
F017139414217	-	50	16
F017139415217	-	50	16
F017139416217	-	50	16
F017139417217	-	50	16
F017139420213	-	25	42
F017139421213	-	25	46
F017139422213	-	25	50
F017139423213	-	25	54
F017139424213	-	25	58
F017139425213	-	25	62
F017139426213	-	25	34
F017139427213	-	25	38
F017139428217	-	50	20
F017139429217	-	50	20
F017139430217	-	50	20
F017139432213	-	25	66
F017139433213	-	25	70

# ITEM NO. INDEX

F article no. / Article no., old

F Article no.	Article no., old	PU	Page
F017139434213	-	25	74
F017139435213	-	25	24
F017139436213	-	25	24
F017139437213	-	25	24
F017139438217	-	50	28
F017139439217	-	50	28
F017139440217	-	50	28
F017139441217	-	50	28
F017139499217	-	50	17
F017139500217	-	50	17
F017139501217	-	50	17
F017139502217	-	50	17
F017139505213	-	25	43
F017139506213	-	25	47
F017139507213	-	25	51
F017139508213	-	25	55
F017139509213	-	25	59
F017139510213	-	25	63
F017139511213	-	25	35
F017139512213	-	25	39
F017139513217	-	50	21
F017139514217	-	50	21
F017139515217	-	50	21
F017139517213	-	25	67
F017139518213	-	25	71
F017139519213	-	25	75
F017139520213	-	25	25
F017139521213	-	25	25
F017139522213	-	25	25
F017139523217	-	50	29
F017139524217	-	50	29
F017139525217	-	50	29
F017139526217	-	50	29
F017139555217	-	50	21
F017139558217	-	50	20

## F022

F022140090228	-	150	14
F022140091228	-	150	14
F022140092228	-	150	14
F022140093228	-	150	14

## F028

F028138093217	-	50	16
F028138094217	-	50	16
F028138095217	-	50	16
F028138096217	-	50	16
F028138097217	-	50	16
F028138098217	-	50	16
F028138099217	-	50	16
F028138100217	-	50	16
F028138103213	-	25	42
F028138104213	-	25	46
F028138105213	-	25	50
F028138106213	-	25	54
F028138107213	-	25	58
F028138108213	-	25	62
F028138109213	-	25	34
F028138110213	-	25	38
F028138119213	-	25	34
F028138120213	-	25	38
F028138121217	-	50	20

F Article no.	Article no., old	PU	Page
F028138122217	-	50	20
F028138123217	-	50	20
F028138125217	-	50	20
F028138126217	-	50	20
F028138127217	-	50	20
F028138129213	-	25	66
F028138130213	-	25	70
F028138131213	-	25	74
F028138135213	-	25	24
F028138136213	-	25	24
F028138137213	-	25	24
F028138138213	-	25	24
F028138139213	-	25	24
F028138140213	-	25	24
F028138141217	-	50	28
F028138142217	-	50	28
F028138143217	-	50	28
F028138144217	-	50	28
F028138145217	-	50	28
F028138146217	-	50	28
F028138147217	-	50	28
F028138148217	-	50	28
F028138154213	-	25	30
F028138155213	-	25	30
F028138156213	-	25	30
F028138157213	-	25	30
F028138337217	-	50	16
F028138338217	-	50	16
F028138339217	-	50	16
F028138340217	-	50	16
F028138341217	-	50	16
F028138342217	-	50	16
F028138343217	-	50	16
F028138344217	-	50	16
F028138347213	-	25	42
F028138348213	-	25	46
F028138349213	-	25	50
F028138350213	-	25	54
F028138351213	-	25	58
F028138352213	-	25	62
F028138353213	-	25	34
F028138354213	-	25	38
F028138363213	-	25	34
F028138364213	-	25	38
F028138365217	-	50	20
F028138366217	-	50	20
F028138367217	-	50	20
F028138369217	-	50	20
F028138370217	-	50	20
F028138371217	-	50	20
F028138373213	-	25	66
F028138374213	-	25	70
F028138375213	-	25	74
F028138379213	-	25	24
F028138380213	-	25	24
F028138381213	-	25	24
F028138382213	-	25	24
F028138383213	-	25	24
F028138384213	-	25	24
F028138385217	-	50	28
F028138386217	-	50	28
F028138387217	-	50	28

F Article no.	Article no., old	PU	Page
F028138388217	-	50	28
F028138389217	-	50	28
F028138390217	-	50	28
F028138391217	-	50	28
F028138392217	-	50	28
F028138483213	-	25	32
F028138519217	-	50	14
F028138520217	-	50	14
F028138521217	-	50	14
F028138522217	-	50	14
F028138523217	-	50	14
F028138524217	-	50	14
F028138525217	-	50	14
F028138526217	-	50	14
F028138529213	-	25	40
F028138530213	-	25	44
F028138531213	-	25	48
F028138532213	-	25	52
F028138533213	-	25	56
F028138534213	-	25	60
F028138535213	-	25	32
F028138536213	-	25	36
F028138545213	-	25	32
F028138546213	-	25	36
F028138547217	-	50	18
F028138548217	-	50	18
F028138549217	-	50	18
F028138550217	-	50	18
F028138551217	-	50	18
F028138552217	-	50	18
F028138553217	-	50	18
F028138554217	-	50	18
F028138555213	-	25	64
F028138556213	-	25	68
F028138557213	-	25	72
F028138561213	-	25	22
F028138562213	-	25	22
F028138563213	-	25	22
F028138564213	-	25	22
F028138565213	-	25	22
F028138566213	-	25	22
F028138567217	-	50	26
F028138568217	-	50	26
F028138569217	-	50	26
F028138570217	-	50	26
F028138571217	-	50	26
F028138572217	-	50	26
F028138573217	-	50	26
F028138574217	-	50	26
F028138701217	-	50	17
F028138702217	-	50	17
F028138703217	-	50	17
F028138704217	-	50	17
F028138705217	-	50	17
F028138706217	-	50	17
F028138707217	-	50	17
F028138708217	-	50	17
F028138711213	-	25	43
F028138712213	-	25	47
F028138713213	-	25	51
F028138714213	-	25	55
F028138715213	-	25	59

# ITEM NO. INDEX

F article no. / Article no., old

F Article no.	Article no., old	PU	Page
F028138716213	-	25	63
F028138717213	-	25	35
F028138718213	-	25	39
F028138727213	-	25	35
F028138728213	-	25	39
F028138729217	-	50	21
F028138730217	-	50	21
F028138731217	-	50	21
F028138733217	-	50	21
F028138734217	-	50	21
F028138735217	-	50	21
F028138737213	-	25	67
F028138738213	-	25	71
F028138739213	-	25	75
F028138743213	-	25	25
F028138744213	-	25	25
F028138745213	-	25	25
F028138746213	-	25	25
F028138747213	-	25	25
F028138748213	-	25	25
F028138749217	-	50	29
F028138750217	-	50	29
F028138751217	-	50	29
F028138752217	-	50	29
F028138753217	-	50	29
F028138754217	-	50	29
F028138755217	-	50	29
F028138756217	-	50	29
F028138883217	-	50	17
F028138884217	-	50	17
F028138885217	-	50	17
F028138886217	-	50	17
F028138887217	-	50	17
F028138888217	-	50	17
F028138889217	-	50	17
F028138890217	-	50	17
F028138893213	-	25	43
F028138894213	-	25	47
F028138895213	-	25	51
F028138896213	-	25	55
F028138897213	-	25	59
F028138898213	-	25	63
F028138899213	-	25	35
F028138900213	-	25	39
F028138909213	-	25	35
F028138910213	-	25	39
F028138911217	-	50	21
F028138912217	-	50	21
F028138913217	-	50	21
F028138915217	-	50	21
F028138916217	-	50	21
F028138917217	-	50	21
F028138919213	-	25	67
F028138920213	-	25	71
F028138921213	-	25	75
F028138925213	-	25	25
F028138926213	-	25	25
F028138927213	-	25	25
F028138928213	-	25	25
F028138929213	-	25	25
F028138930213	-	25	25
F028138931217	-	50	29

F Article no.	Article no., old	PU	Page
F028138932217	-	50	29
F028138933217	-	50	29
F028138934217	-	50	29
F028138935217	-	50	29
F028138936217	-	50	29
F028138937217	-	50	29
F028138938217	-	50	29
F028139017217	-	50	20
F028139018217	-	50	20
F028139022217	-	50	21
F028139023217	-	50	21
F028139027217	-	50	20
F028139028217	-	50	20
F028139032217	-	50	21
F028139033217	-	50	21

## F029

F029140325228	-	150	88
F029140331217	-	50	100
F029140334228	-	150	96
F029140338217	-	50	94
F029140341217	-	50	96

## F034

F034139300217	-	50	14
F034139301217	-	50	14
F034139302217	-	50	14
F034139303217	-	50	14
F034139306213	-	25	40
F034139307213	-	25	44
F034139308213	-	25	48
F034139309213	-	25	52
F034139310213	-	25	56
F034139311213	-	25	60
F034139312213	-	25	32
F034139313213	-	25	36
F034139314217	-	50	18
F034139315217	-	50	18
F034139316217	-	50	18
F034139317217	-	50	18
F034139318213	-	25	64
F034139319213	-	25	68
F034139320213	-	25	72
F034139321213	-	25	22
F034139322213	-	25	22
F034139323213	-	25	22
F034139324217	-	50	26
F034139325217	-	50	26
F034139326217	-	50	26
F034139327217	-	50	26
F034139385217	-	50	16
F034139386217	-	50	16
F034139387217	-	50	16
F034139388217	-	50	16
F034139392213	-	25	46
F034139393213	-	25	50
F034139394213	-	25	54
F034139395213	-	25	58
F034139396213	-	25	62
F034139397213	-	25	34
F034139398213	-	25	38
F034139399217	-	50	20

F Article no.	Article no., old	PU	Page
F034139400217	-	50	20
F034139401217	-	50	20
F034139403213	-	25	66
F034139404213	-	25	70
F034139405213	-	25	74
F034139406213	-	25	24
F034139407213	-	25	24
F034139408213	-	25	24
F034139409217	-	50	28
F034139410217	-	50	28
F034139411217	-	50	28
F034139412217	-	50	28
F034139470217	-	50	17
F034139471217	-	50	17
F034139472217	-	50	17
F034139473217	-	50	17
F034139476213	-	25	43
F034139477213	-	25	47
F034139478213	-	25	51
F034139479213	-	25	55
F034139480213	-	25	59
F034139481213	-	25	63
F034139482213	-	25	35
F034139483213	-	25	39
F034139484217	-	50	21
F034139485217	-	50	21
F034139486217	-	50	21
F034139488213	-	25	67
F034139489213	-	25	71
F034139490213	-	25	75
F034139491213	-	25	25
F034139492213	-	25	25
F034139493213	-	25	25
F034139494217	-	50	29
F034139495217	-	50	29
F034139496217	-	50	29
F034139497217	-	50	29
F034139556217	-	50	21
F034139559217	-	50	20

## F035

F035139357217	-	50	14
F035139358217	-	50	14
F035139359217	-	50	14
F035139360217	-	50	14
F035139371217	-	50	18
F035139372217	-	50	18
F035139373217	-	50	18
F035139374217	-	50	18
F035139378213	-	25	22
F035139379213	-	25	22
F035139380213	-	25	22
F035139381217	-	50	26
F035139382217	-	50	26
F035139383217	-	50	26
F035139384217	-	50	26
F035139442217	-	50	16
F035139443217	-	50	16
F035139444217	-	50	16
F035139445217	-	50	16
F035139456217	-	50	20
F035139457217	-	50	20

# ITEM NO. INDEX

F article no. / Article no., old

F Article no.	Article no., old	PU	Page
F035139458217	-	50	20
F035139463213	-	25	24
F035139464213	-	25	24
F035139465213	-	25	24
F035139466217	-	50	28
F035139467217	-	50	28
F035139468217	-	50	28
F035139469217	-	50	28
F035139527217	-	50	17
F035139528217	-	50	17
F035139529217	-	50	17
F035139530217	-	50	17
F035139541217	-	50	21
F035139542217	-	50	21
F035139543217	-	50	21
F035139548213	-	25	25
F035139549213	-	25	25
F035139550213	-	25	25
F035139551217	-	50	29
F035139552217	-	50	29
F035139553217	-	50	29
F035139554217	-	50	29
F035139557217	-	50	21
F035139560217	-	50	20

## F039

F039140030228	-	150	14
F039140031228	-	150	14
F039140032228	-	150	14
F039140033228	-	150	14

## F045

F045138000217	-	50	16
F045138001217	-	50	16
F045138002217	-	50	16
F045138003217	-	50	16
F045138004217	-	50	16
F045138005217	-	50	16
F045138006217	-	50	16
F045138007217	-	50	16
F045138010213	-	25	42
F045138011213	-	25	46
F045138012213	-	25	50
F045138013213	-	25	54
F045138014213	-	25	58
F045138015213	-	25	62
F045138016213	-	25	34
F045138017213	-	25	38
F045138026213	-	25	34
F045138027213	-	25	38
F045138028217	-	50	20
F045138029217	-	50	20
F045138030217	-	50	20
F045138032217	-	50	20
F045138033217	-	50	20
F045138034217	-	50	20
F045138036213	-	25	66
F045138037213	-	25	70
F045138038213	-	25	74
F045138042213	-	25	24
F045138043213	-	25	24
F045138044213	-	25	24

F Article no.	Article no., old	PU	Page
F045138045213	-	25	24
F045138046213	-	25	24
F045138047213	-	25	24
F045138048217	-	50	28
F045138049217	-	50	28
F045138050217	-	50	28
F045138051217	-	50	28
F045138052217	-	50	28
F045138053217	-	50	28
F045138054217	-	50	28
F045138055217	-	50	28
F045138061213	-	25	30
F045138062213	-	25	30
F045138063213	-	25	30
F045138064213	-	25	30
F045138079217	-	50	86
F045138091213	-	25	82
F045138092213	-	25	82
F045138275217	-	50	16
F045138276217	-	50	16
F045138277217	-	50	16
F045138278217	-	50	16
F045138279217	-	50	16
F045138280217	-	50	16
F045138281217	-	50	16
F045138282217	-	50	16
F045138285213	-	25	42
F045138286213	-	25	46
F045138287213	-	25	50
F045138288213	-	25	54
F045138289213	-	25	58
F045138290213	-	25	62
F045138291213	-	25	34
F045138292213	-	25	38
F045138301213	-	25	34
F045138302213	-	25	38
F045138303217	-	50	20
F045138304217	-	50	20
F045138305217	-	50	20
F045138307217	-	50	20
F045138308217	-	50	20
F045138309217	-	50	20
F045138311213	-	25	66
F045138312213	-	25	70
F045138313213	-	25	74
F045138317213	-	25	24
F045138318213	-	25	24
F045138319213	-	25	24
F045138320213	-	25	24
F045138321213	-	25	24
F045138322213	-	25	24
F045138323217	-	50	28
F045138324217	-	50	28
F045138325217	-	50	28
F045138326217	-	50	28
F045138327217	-	50	28
F045138328217	-	50	28
F045138329217	-	50	28
F045138330217	-	50	28
F045138335213	-	25	82
F045138336213	-	25	82
F045138457217	-	50	14

F Article no.	Article no., old	PU	Page
F045138458217	-	50	14
F045138459217	-	50	14
F045138460217	-	50	14
F045138461217	-	50	14
F045138462217	-	50	14
F045138463217	-	50	14
F045138464217	-	50	14
F045138467213	-	25	40
F045138468213	-	25	44
F045138469213	-	25	48
F045138470213	-	25	52
F045138471213	-	25	56
F045138472213	-	25	60
F045138473213	-	25	32
F045138474213	-	25	36
F045138484213	-	25	36
F045138485217	-	50	18
F045138486217	-	50	18
F045138487217	-	50	18
F045138488217	-	50	18
F045138489217	-	50	18
F045138490217	-	50	18
F045138491217	-	50	18
F045138492217	-	50	18
F045138493213	-	25	64
F045138494213	-	25	68
F045138495213	-	25	72
F045138499213	-	25	22
F045138500213	-	25	22
F045138501213	-	25	22
F045138502213	-	25	22
F045138503213	-	25	22
F045138504213	-	25	22
F045138505217	-	50	26
F045138506217	-	50	26
F045138507217	-	50	26
F045138508217	-	50	26
F045138509217	-	50	26
F045138510217	-	50	26
F045138511217	-	50	26
F045138512217	-	50	26
F045138517213	-	25	80
F045138518213	-	25	80
F045138639217	-	50	17
F045138640217	-	50	17
F045138641217	-	50	17
F045138642217	-	50	17
F045138643217	-	50	17
F045138644217	-	50	17
F045138645217	-	50	17
F045138646217	-	50	17
F045138649213	-	25	43
F045138650213	-	25	47
F045138651213	-	25	51
F045138652213	-	25	55
F045138653213	-	25	59
F045138654213	-	25	63
F045138655213	-	25	35
F045138656213	-	25	39
F045138665213	-	25	35
F045138666213	-	25	39
F045138667217	-	50	21



# ITEM NO. INDEX

F article no. / Article no., old

F Article no.	Article no., old	PU	Page
F045138668217	-	50	21
F045138669217	-	50	21
F045138671217	-	50	21
F045138672217	-	50	21
F045138673217	-	50	21
F045138675213	-	25	67
F045138676213	-	25	71
F045138677213	-	25	75
F045138681213	-	25	25
F045138682213	-	25	25
F045138683213	-	25	25
F045138684213	-	25	25
F045138685213	-	25	25
F045138686213	-	25	25
F045138687217	-	50	29
F045138688217	-	50	29
F045138689217	-	50	29
F045138690217	-	50	29
F045138691217	-	50	29
F045138692217	-	50	29
F045138693217	-	50	29
F045138694217	-	50	29
F045138699213	-	25	83
F045138700213	-	25	83
F045138821217	-	50	17
F045138822217	-	50	17
F045138823217	-	50	17
F045138824217	-	50	17
F045138825217	-	50	17
F045138826217	-	50	17
F045138827217	-	50	17
F045138828217	-	50	17
F045138831213	-	25	43
F045138832213	-	25	47
F045138833213	-	25	51
F045138834213	-	25	55
F045138835213	-	25	59
F045138836213	-	25	63
F045138837213	-	25	35
F045138838213	-	25	39
F045138847213	-	25	35
F045138848213	-	25	39
F045138849217	-	50	21
F045138850217	-	50	21
F045138851217	-	50	21
F045138853217	-	50	21
F045138854217	-	50	21
F045138855217	-	50	21
F045138857213	-	25	67
F045138858213	-	25	71
F045138859213	-	25	75
F045138863213	-	25	25
F045138864213	-	25	25
F045138865213	-	25	25
F045138866213	-	25	25
F045138867213	-	25	25
F045138868213	-	25	25
F045138869217	-	50	29
F045138870217	-	50	29
F045138871217	-	50	29
F045138872217	-	50	29
F045138873217	-	50	29

F Article no.	Article no., old	PU	Page
F045138874217	-	50	29
F045138875217	-	50	29
F045138876217	-	50	29
F045138881213	-	25	83
F045138882213	-	25	83
F045139019217	-	50	20
F045139020217	-	50	20
F045139024217	-	50	21
F045139025217	-	50	21
F045139029217	-	50	20
F045139030217	-	50	20
F045139034217	-	50	21
F045139035217	-	50	21
F045139052213	-	25	76
F045139053213	-	25	78
F045139054213	-	25	78
F045139055213	-	25	79
F045139056213	-	25	79
F045139063213	-	25	84
F045139064217	-	50	84
F045139071213	-	25	76
F045139072213	-	25	78
F045139073213	-	25	78
F045139074213	-	25	79
F045139075217	-	50	79

## F046

F Article no.	Article no., old	PU	Page
F046138184217	-	50	16
F046138185217	-	50	16
F046138186217	-	50	16
F046138187217	-	50	16
F046138194213	-	25	42
F046138195213	-	25	46
F046138196213	-	25	50
F046138197213	-	25	54
F046138198213	-	25	58
F046138199213	-	25	62
F046138201213	-	25	38
F046138212217	-	50	20
F046138213217	-	50	20
F046138214217	-	50	20
F046138226213	-	25	24
F046138227213	-	25	24
F046138228213	-	25	24
F046138232213	-	25	28
F046138233217	-	50	28
F046138234217	-	50	28
F046138235217	-	50	28
F046138245213	-	25	30
F046138246213	-	25	30
F046138247213	-	25	30
F046138248213	-	25	30
F046138397217	-	50	16
F046138398217	-	50	16
F046138399217	-	50	16
F046138400217	-	50	16
F046138407213	-	25	42
F046138408213	-	25	46
F046138409213	-	25	50
F046138410213	-	25	54
F046138411213	-	25	58
F046138412213	-	25	62

F Article no.	Article no., old	PU	Page
F046138414213	-	25	38
F046138425217	-	50	20
F046138426217	-	50	20
F046138427217	-	50	20
F046138439213	-	25	24
F046138440213	-	25	24
F046138441213	-	25	24
F046138445217	-	50	28
F046138446217	-	50	28
F046138447217	-	50	28
F046138448217	-	50	28
F046138579217	-	50	14
F046138580217	-	50	14
F046138581217	-	50	14
F046138582217	-	50	14
F046138589213	-	25	40
F046138590213	-	25	44
F046138591213	-	25	48
F046138592213	-	25	52
F046138593213	-	25	56
F046138594213	-	25	60
F046138596213	-	25	36
F046138607217	-	50	18
F046138608217	-	50	18
F046138609217	-	50	18
F046138610217	-	50	18
F046138621213	-	25	22
F046138622213	-	25	22
F046138623213	-	25	22
F046138627217	-	50	26
F046138628217	-	50	26
F046138629217	-	50	26
F046138630217	-	50	26
F046138761217	-	50	17
F046138762217	-	50	17
F046138763217	-	50	17
F046138764217	-	50	17
F046138771213	-	25	43
F046138772213	-	25	47
F046138773213	-	25	51
F046138774213	-	25	55
F046138775213	-	25	59
F046138776213	-	25	63
F046138778213	-	25	39
F046138789217	-	50	21
F046138790217	-	50	21
F046138791217	-	50	21
F046138803213	-	25	25
F046138804213	-	25	25
F046138805213	-	25	25
F046138809217	-	50	29
F046138810217	-	50	29
F046138811217	-	50	29
F046138812217	-	50	29
F046138943217	-	50	17
F046138944217	-	50	17
F046138945217	-	50	17
F046138946217	-	50	17
F046138953213	-	25	43
F046138954213	-	25	47
F046138955213	-	25	51
F046138956213	-	25	55

# ITEM NO. INDEX

F article no. / Article no., old

F Article no.	Article no., old	PU	Page
F046138957213	-	25	59
F046138958213	-	25	63
F046138960213	-	25	39
F046138971217	-	50	21
F046138972217	-	50	21
F046138973217	-	50	21
F046138985213	-	25	25
F046138986213	-	25	25
F046138987213	-	25	25
F046138991217	-	50	29
F046138992217	-	50	29
F046138993217	-	50	29
F046138994217	-	50	29
F046139021217	-	50	20
F046139026217	-	50	21
F046139031217	-	50	20
F046139036217	-	50	21

## F047

F047140326217	-	50	88
F047140332217	-	50	100
F047140335217	-	50	96
F047140339217	-	50	94
F047140342217	-	50	96

## F049

F049140327217	-	50	88
F049140333217	-	50	100
F049140336217	-	50	96
F049140340217	-	50	94
F049140343217	-	50	96

## F058

F058139720217	-	50	107
F058139721217	-	50	92
F058139722217	-	50	92
F058139723217	-	50	107
F058139724217	-	50	92
F058139725217	-	50	107
F058139726217	-	50	107
F058139727217	-	50	107
F058139728217	-	50	107
F058139729217	-	50	107
F058139735217	-	50	107
F058139736217	-	50	107
F058139737217	-	50	107
F058139738217	-	50	107
F058139739217	-	50	107
F058139741228	-	150	108
F058139742228	-	150	108
F058139743228	-	150	108
F058139744228	-	150	108
F058139746217	-	50	102
F058139747217	-	50	102
F058139748217	-	50	102
F058139749217	-	50	102
F058139751217	-	50	103
F058139752217	-	50	103
F058139753217	-	50	103
F058139754217	-	50	103
F058139756217	-	50	102
F058139757217	-	50	102

F Article no.	Article no., old	PU	Page
F058139758217	-	50	102
F058139759217	-	50	102
F058139761217	-	50	102
F058139762217	-	50	102
F058139763217	-	50	102
F058139764217	-	50	102
F058139766217	-	50	103
F058139767217	-	50	103
F058139768217	-	50	103
F058139769217	-	50	103
F058139785217	-	50	108
F058139786217	-	50	108
F058139787217	-	50	108
F058139788217	-	50	108
F058139789217	-	50	108
F058139796217	-	50	104
F058139797217	-	50	104
F058139798217	-	50	104
F058139799217	-	50	104
F058139801217	-	50	104
F058139802217	-	50	104
F058139803217	-	50	104
F058139804217	-	50	104
F058139811217	-	50	104
F058139812217	-	50	104
F058139813217	-	50	104
F058139814217	-	50	104
F058139825217	-	50	106
F058139826217	-	50	106
F058139827217	-	50	106
F058139828217	-	50	106
F058139831217	-	50	106
F058139857217	-	50	107
F058139858217	-	50	107
F058139859217	-	50	107
F058139860217	-	50	107
F058139861217	-	50	107
F058139863217	-	50	102
F058139864217	-	50	102
F058139865217	-	50	102
F058139866217	-	50	102
F058139873217	-	50	105
F058139874217	-	50	105
F058139875217	-	50	105
F058139880217	-	50	105
F058139881217	-	50	105
F058139882217	-	50	105
F058139883217	-	50	105
F058139884217	-	50	105
F058139885217	-	50	105
F058139886217	-	50	105
F058139887217	-	50	105
F058139888217	-	50	105
F058139889217	-	50	105
F058139890217	-	50	105
F058139891217	-	50	105
F058139892217	-	50	105
F058139893217	-	50	105
F058139894217	-	50	105
F058139895217	-	50	105
F058139896217	-	50	105
F058139902217	-	50	110

F Article no.	Article no., old	PU	Page
F058139903217	-	50	110
F058139904217	-	50	110
F058139905217	-	50	110
F058139906217	-	50	110
F058139907217	-	50	110
F058139908217	-	50	110
F058139909217	-	50	110
F058139927228	-	150	108
F058139928228	-	150	108
F058139929228	-	150	108
F058139930228	-	150	108
F058139931217	-	50	103
F058139932217	-	50	103
F058139933217	-	50	103
F058139934217	-	50	103

## F059

F059139701217	-	50	109
F059139702217	-	50	109
F059139703217	-	50	109
F059139704217	-	50	109
F059139706217	-	50	109
F059139707217	-	50	109
F059139708217	-	50	109
F059139709217	-	50	109
F059139711228	-	150	109
F059139712228	-	150	109
F059139713228	-	150	109
F059139714228	-	150	109

## F060

F060073129236	301.390.91.0015	250	158
F060073130236	301.390.91.0215	250	158
F060073136236	306.390.91.0015	250	158
F060073137236	306.390.91.0215	250	158
F060073138236	306.390.91.0415	250	158
F060073139236	314.390.81.0015	250	157
F060073140236	314.390.81.0215	250	157
F060073141236	314.390.81.0415	250	157
F060073144236	314.393.81.0015	250	155
F060073145236	314.393.81.0215	250	155
F060073146236	314.393.81.0415	250	155
F060073148236	315.393.55.0015	250	154
F060073150236	315.393.55.0215	250	154
F060073151236	315.393.55.0415	250	154
F060073152236	315.393.55.0815	250	154
F060073153236	315.393.55.1815	250	154
F060073154236	317.390.82.0215	250	157
F060073155236	317.390.82.0415	250	157
F060073156236	317.393.56.0015	250	154
F060073157236	317.393.56.0215	250	154
F060073158236	317.393.56.0415	250	154
F060073159236	317.393.56.0815	250	154
F060073160236	317.393.56.1815	250	154
F060073162236	318.390.81.0015	250	157
F060073163236	318.390.81.0215	250	157
F060073164236	318.390.81.0415	250	157
F060073171236	318.393.57.0015	250	154
F060073172236	318.393.57.0215	250	154
F060073173236	318.393.57.0415	250	154
F060073174236	318.393.57.0815	250	154
F060073175236	318.393.57.1815	250	154

# ITEM NO. INDEX

F article no. / Article no., old

F Article no.	Article no., old	PU	Page
F060073179236	318.393.81.0015	250	155
F060073180236	318.393.81.0215	250	155
F060073181236	318.393.81.0415	250	155
F060073182236	319.393.76.0015	250	156
F060073183236	319.393.76.0215	250	156
F060073184236	319.393.76.0415	250	156
F060073185236	319.393.81.0015	250	156
F060073186236	319.393.81.0215	250	156
F060073187236	319.393.81.0415	250	156
F060073188236	321.393.76.0015	250	156
F060073190236	321.393.76.0415	250	156
F060073191236	321.393.76.0215	250	156
F060073201236	346.393.91.0015	250	155
F060073202236	346.393.91.0215	250	155
F060073203236	346.393.91.0415	250	155
F060073205236	301.390.91.0415	250	158
F060073209236	344.393.82.0315	250	155
F060073210236	346.390.82.0315	250	158
F060073211236	348.393.82.0315	250	155
F060073212236	344.390.82.0315	250	158

## F061

F061073214236	314.493.70.0015	250	152
F061073215236	314.493.70.0215	250	152
F061073216236	314.493.70.0415	250	152
F061073217217	314.493.70.0615	50	152
F061073218236	314.493.70.0815	250	152
F061073222236	314.493.71.0615	250	153
F061073223236	314.493.71.0815	250	153
F061073227236	317.493.71.0015	250	153
F061073228236	317.493.71.0215	250	153
F061073229236	317.493.71.0415	250	153
F061073230236	317.493.71.0615	250	153
F061073231236	317.493.71.0815	250	153
F061073232236	318.493.70.0015	250	152
F061073233236	318.493.70.0215	250	152
F061073234236	318.493.70.0415	250	152
F061073236236	318.493.71.0015	250	153
F061073237236	318.493.71.0215	250	153
F061073238236	318.493.71.0415	250	153
F061073239236	318.493.71.0615	250	153
F061073240236	318.493.71.0815	250	153
F061073248236	320.493.71.0015	250	153
F061073249236	320.493.71.0215	250	153
F061073250236	320.493.71.0415	250	153
F061073253236	314.493.71.0015	250	153
F061073254236	314.493.71.0215	250	153
F061073255236	314.493.71.0415	250	153
F061073268236	346.290.22.0215	250	157
F061073271236	346.290.83.0215	250	158
F061073272236	346.290.83.0415	250	158
F061073273236	346.290.85.0215	250	158
F061073274236	346.290.85.0415	250	158
F061073275236	346.290.88.0015	250	159
F061073276236	346.290.88.0215	250	159
F061073277236	346.290.88.0415	250	159
F061073278236	346.290.90.0215	250	159
F061073279236	346.290.91.0015	250	159
F061073280236	346.290.91.0215	250	159
F061073281236	346.290.91.0415	250	159
F061073283236	346.290.92.0015	250	159
F061073284236	346.290.92.0215	250	159

F Article no.	Article no., old	PU	Page
F061073285236	346.290.92.0415	250	159
F061073294236	348.493.82.0315	250	153
F061073295236	344.493.82.0315	250	153

## F062

F062073296236	314.390.52.0015	250	272
F062073297236	314.390.52.0415	250	272
F062073298236	314.393.52.0015	250	270
F062073299236	314.393.52.0215	250	270
F062073300236	314.393.52.0415	250	270
F062073301236	315.393.66.0015	250	271
F062073302236	315.393.66.0215	250	271
F062073303236	315.393.66.0415	250	271
F062073304236	315.393.66.0815	250	271
F062073307236	317.393.66.0015	250	271
F062073308236	317.393.66.0215	250	271
F062073309236	317.393.66.0415	250	271
F062073310236	317.393.66.0815	250	271
F062073311236	317.393.66.1815	250	271
F062073313236	318.390.52.0015	250	272
F062073314236	318.390.52.0215	250	272
F062073315236	318.390.52.0415	250	272
F062073316236	318.393.52.0015	250	270
F062073317236	318.393.52.0215	250	270
F062073318236	318.393.52.0415	250	270

## F063

F063073336236	301.490.63.0015	250	273
F063073337236	301.490.63.0215	250	273
F063073338236	301.490.63.0415	250	273
F063073340236	314.493.63.0015	250	271
F063073342236	314.493.63.0215	250	271
F063073344236	314.493.63.0415	250	271
F063073348236	315.295.90.0001	250	254
F063073351236	316.293.57.0815	250	270
F063073360236	317.493.63.0015	250	271
F063073361236	317.493.63.0215	250	271
F063073362236	317.493.63.0415	250	271
F063073366236	318.293.57.0815	250	270

## F069

F069063310213	63310-40	25	290
F069066528113	66528-42	25	128
F069073381211	351.002.02.2662	20	339
F069073384233	514.002.55.9062	200	358
F069073402517	641.000.09.9862	50	134
F069073405240	706.320.30.9711	500	30
F069073410213	359.000.81.1046	25	86
F069073414213	359.000.81.1619	25	86
F069073417213	359.000.81.1646	25	86
F069073419213	359.000.81.1682	25	86
F069073420213	359.000.81.1016	25	86
F069073421213	359.000.81.1019	25	86
F069073422213	359.000.81.1035	25	86
F069073423213	359.000.81.1036	25	312
F069073424213	359.000.81.1036	25	86
F069073425213	359.000.81.1062	25	86
F069073426213	359.000.81.1617	25	312
F069073427213	359.000.81.1635	25	86
F069073428213	359.000.81.1662	25	86
F069073433223	363.200.10.0015	100	208
F069073434201	924.000.02.2600	26	208

F Article no.	Article no., old	PU	Page
F069073452240	371.001.02.0074	500	338
F069073453240	371.001.03.0074	500	338
F069073454240	371.201.00.0801	500	338
F069073457207	371.290.00.0215	10	314
F069073459240	517.206.61.9915	500	337
F069073460240	517.206.64.9915	500	337
F069073461247	517.206.65.9915	1000	337
F069073463240	517.206.73.9915	500	337
F069073464240	517.206.87.9915	500	337
F069073534247	514.000.22.9762	1000	144
F069073548551	514.300.02.9815	2000	160
F069073570551	514.300.21.9815	2000	128
F069073669551	514.300.22.9815	2000	128
F069073687225	514.300.20.0115	125	170
F069073696213	63309-40	25	290
F069073697213	63311-40	25	290
F069073701523	924.012.50.0142	100	282
F069073711217	924.200.38.0215	50	212
F069073714525	924.200.40.0115	125	170
F069073715225	924.200.40.0215	125	284
F069073726225	924.200.55.0215	125	282
F069073728525	924.200.55.0115	125	128
F069073729225	924.200.46.1115	125	134
F069073731217	621.300.20.5017	50	88
F069073733205	729.700.00.0700	6	212
F069073746504	-	5	212
F069073751223	924.275.40.0015	100	296
F069073752504	-	5	170
F069073764240	525.090.04.0362	500	154
F069135013223	924.275.55.0015	100	294
F069135014504	-	5	128
F069135017223	924.275.46.0015	100	298
F069135019504	-	5	134
F069135026223	707.363.51.9915	100	112
F069135032547	641.000.10.9862	1000	130
F069135060223	924.075.00.0075	100	294
F069135174236	363.200.02.0015	250	208
F069135297256	711.362.61.9715	5000	112
F069135304223	924.275.38.0015	100	300
F069135396513	-	25	14

## F071

F071085142123	85142-42	100	340
---------------	----------	-----	-----

## F072

F072135309256	705.391.61.9715	5000	112
F072135500547	-	1000	14
F072135503540	-	500	14
F072135504547	-	1000	14
F072135550547	-	1000	14
F072135551547	-	1000	14
F072135751540	-	500	14
F072135753540	-	500	22
F072135757217	-	50	88
F072135758217	-	50	88
F072135768256	705.393.61.9715	5000	100
F072135773247	-	1000	112
F072135779256	-	5000	112
F072135798247	-	1000	112
F072135807540	-	500	14
F072135868217	-	50	90
F072135871517	-	50	88

F Article no.	Article no., old	PU	Page
<b>F072135885228</b>	-	150	112
<b>F072135923223</b>	-	100	100
<b>F072135928201</b>	-	1	100
<b>F072140504</b>			14

## F078

<b>F078073783217</b>	298.706.84.5015	50	316
<b>F078073785217</b>	298.706.84.5115	50	316
<b>F078073786217</b>	290.117.84.5084	50	312
<b>F078073787217</b>	290.117.84.0084	50	312
<b>F078073792207</b>	298.705.92.0115	10	314
<b>F078073799207</b>	200.735.04.0015	10	308
<b>F078073812213</b>	290.417.83.0015	25	310
<b>F078073813213</b>	290.417.83.5015	25	310
<b>F078073814213</b>	290.417.83.6015	25	310

## F145

<b>F145083050123</b>	83050-42	100	340
----------------------	----------	-----	-----

## F146

<b>F146035692299</b>	35692	1	291
<b>F146038823299</b>	38823	1	291
<b>F146073835253</b>	630.000.03.0750	2500	339
<b>F146073836256</b>	630.000.03.1050	5000	339
<b>F146073976256</b>	707.333.51.9815	5000	14
<b>F146073979256</b>	711.331.61.9715	5000	160
<b>F146078184201</b>	949.304.05.0000	1	358
<b>F146090561299</b>	90561	1	359
<b>F146092594501</b>	92594	1	359
<b>F146095470299</b>	95470	1	291
<b>F146095590299</b>	95590	1	358
<b>F146135774299</b>	-	1	359
<b>F146135775299</b>	-	1	359
<b>F146135776299</b>	-	1	358
<b>F146135786217</b>	-	50	358
<b>F146135787217</b>	-	50	358
<b>F146135788217</b>	-	50	358
<b>F146135789217</b>	-	50	358
<b>F146135790217</b>	-	50	358
<b>F146135791299</b>	-	1	358
<b>F146135792299</b>	-	1	358
<b>F146135793299</b>	-	1	358
<b>F146135810201</b>	-	1	355
<b>F146135811201</b>	-	1	357
<b>F146135812401</b>	-	1	356
<b>F146135813401</b>	-	1	356
<b>F146135814401</b>	-	1	356
<b>F146135815401</b>	-	1	356
<b>F146135821401</b>	-	1	355
<b>F146135822201</b>	-	1	355
<b>F146135823201</b>	-	1	355
<b>F146135824201</b>	-	1	355
<b>F146135825201</b>	-	1	355
<b>F146135826201</b>	-	1	355
<b>F146135827201</b>	-	1	355
<b>F146135828201</b>	-	1	355
<b>F146135829201</b>	-	1	355
<b>F146135830201</b>	-	1	355
<b>F146135831201</b>	-	1	355
<b>F146135832201</b>	-	1	355
<b>F146135833401</b>	-	1	356
<b>F146135834401</b>	-	1	356

F Article no.	Article no., old	PU	Page
<b>F146135835201</b>	-	1	355
<b>F146135836201</b>	-	1	355
<b>F146135838401</b>	-	1	356
<b>F146135839401</b>	-	1	356
<b>F146135840401</b>	-	1	356
<b>F146135841401</b>	-	1	356
<b>F146135842401</b>	-	1	356
<b>F146135843401</b>	-	1	356
<b>F146135844401</b>	-	1	356
<b>F146135845401</b>	-	1	356
<b>F146135846401</b>	-	1	356
<b>F146135847401</b>	-	1	356
<b>F146135848401</b>	-	1	356
<b>F146135849401</b>	-	1	356
<b>F146135851401</b>	-	1	354
<b>F146135852401</b>	-	1	354
<b>F146135853401</b>	-	1	354
<b>F146135854401</b>	-	1	354
<b>F146135855401</b>	-	1	354
<b>F146135856401</b>	-	1	354
<b>F146135857401</b>	-	1	354
<b>F146135858401</b>	-	1	354
<b>F146135859401</b>	-	1	354
<b>F146135860401</b>	-	1	354
<b>F146135861401</b>	-	1	355
<b>F146135865202</b>	-	2	358

## F147

<b>F147010256299</b>	10256-00	1	360
----------------------	----------	---	-----

## F148

<b>F148043000123</b>	43000-42	100	340
<b>F148043007123</b>	43007-42	100	340
<b>F148043015123</b>	43015-42	100	340
<b>F148043024123</b>	43024-42	100	340
<b>F148043028123</b>	43028-42	100	336
<b>F148043036123</b>	43036-42	100	336
<b>F148043053123</b>	43053-42	100	336
<b>F148043056123</b>	43056-42	100	336
<b>F148044748123</b>	44748-42	100	340
<b>F148044841123</b>	44841-42	100	340
<b>F148044842123</b>	44842-42	100	340
<b>F148044883123</b>	44883-42	100	340
<b>F148045314123</b>	45314-42	100	336
<b>F148045392123</b>	45392-42	100	336

## F150

<b>F150000006217</b>	M6900301125	50	320
<b>F150000007217</b>	M6110281125	50	320
<b>F150000008217</b>	M6112281125	50	320
<b>F150000009217</b>	M6113281125	50	320
<b>F150000010217</b>	M6211281125	50	322
<b>F150000011217</b>	M6221281125	50	322
<b>F150000012217</b>	M6212281125	50	322
<b>F150000013217</b>	M8112281125	50	324
<b>F150000014217</b>	M8113281125	50	324
<b>F150000015217</b>	M8211281125	50	326
<b>F150000016217</b>	M8221281125	50	326
<b>F150000017217</b>	M6009300101	50	320
<b>F150000018217</b>	M6009320125	50	320
<b>F150000019217</b>	M8990001025	50	320
<b>F150000020217</b>	M3990010025	50	320

F Article no.	Article no., old	PU	Page
<b>F150000021217</b>	M6900301225	50	320
<b>F150145167217</b>	M8133211125	50	328
<b>F150145234147</b>	B4050005125	1000	320
<b>F150145235147</b>	B5070054125	1000	320

## F155

<b>F155000001210</b>	-	15	342
<b>F155000003210</b>	-	15	342
<b>F155145202210</b>	-	15	344
<b>F155145203210</b>	-	15	344
<b>F155145206210</b>	-	15	348
<b>F155145207210</b>	-	15	348
<b>F155145208514</b>	-	30	352
<b>F155145209514</b>	-	30	352
<b>F155146852807</b>	-	10	352
<b>F155147965210</b>	-	15	350
<b>F155147966210</b>	-	15	350
<b>F155147967210</b>	-	15	350
<b>F155147968210</b>	-	15	350
<b>F155147979210</b>	-	15	346
<b>F155147980210</b>	-	15	346
<b>F155147983210</b>	-	15	348
<b>F155147984210</b>	-	15	348
<b>F155147985210</b>	-	15	346
<b>F155147986210</b>	-	15	346



# ITEM NO. INDEX

F article no. / Article no., old

## LEGEND

PU code	Quantity (units, pair, set)
113	25
123	100
147	1000
201	1
202	2
205	6
207	10
210	15
211	20
213	25
217	50
223	100
225	125
228	150
233	200
236	250
240	500
247	1000
253	2500
256	5000
299	1
401	1
501	1
504	5
513	25
514	30
517	50
523	100
525	125
536	250
540	500
547	1000
551	2000
807	10

# ITEM NO. INDEX

Article no., old / F Article no.

Article no., old	F Article no.	PU	Page
------------------	---------------	----	------

## 10

10256-00	<b>F147010256299</b>	1	360
----------	----------------------	---	-----

## 14

145.304.55.0015	<b>F015072724236</b>	250	170
145.304.55.0815	<b>F015072730236</b>	250	170
145.304.55.1515	<b>F015072738236</b>	250	170
145.305.53.0015	<b>F015072743236</b>	250	178
145.305.53.0815	<b>F015072762236</b>	250	178
145.305.53.1515	<b>F015072770236</b>	250	178
145.322.53.0015	<b>F015072816236</b>	250	172
145.322.53.0815	<b>F015072819236</b>	250	172
145.405.53.0315	<b>F015072752225</b>	125	190
145.405.53.9615	<b>F015072789225</b>	125	200
145.604.35.0815	<b>F014072506225</b>	125	128
145.604.35.1515	<b>F014072508225</b>	125	128
145.605.35.0015	<b>F014072510225</b>	125	136
145.605.35.1515	<b>F014072518225</b>	125	136
145.622.35.0015	<b>F014072521225</b>	125	130
145.622.35.0815	<b>F014072523225</b>	125	130
145.765.35.0015	<b>F014072531217</b>	50	134
145.765.53.0015	<b>F015072843217</b>	50	176
145.765.53.0815	<b>F015072846217</b>	50	176
146.017.93.0084	<b>F015072803236</b>	250	210
146.117.93.0884	<b>F015072804236</b>	250	210
146.117.93.1584	<b>F015072805236</b>	250	210
146.304.55.0015	<b>F015072722236</b>	250	170
146.304.55.0815	<b>F015072729236</b>	250	170
146.304.55.1515	<b>F015072736236</b>	250	170
146.304.55.9815	<b>F015072739236</b>	250	170
146.304.56.0015	<b>F015072719236</b>	250	170
146.304.56.0815	<b>F015072727236</b>	250	170
146.304.56.1515	<b>F015072732236</b>	250	170
146.305.53.0015	<b>F015072742236</b>	250	178
146.305.53.0815	<b>F015072760236</b>	250	178
146.305.53.1515	<b>F015072768236</b>	250	178
146.305.54.0015	<b>F015072741236</b>	250	178
146.305.54.1515	<b>F015072767236</b>	250	178
146.317.61.0015	<b>F015072795236</b>	250	204
146.322.53.0015	<b>F015072811236</b>	250	172
146.322.53.0815	<b>F015072818236</b>	250	172
146.322.54.0015	<b>F015072810236</b>	250	172
146.322.54.0815	<b>F015072817236</b>	250	172
146.329.55.0015	<b>F015072827236</b>	250	174
146.329.55.0815	<b>F015072832236</b>	250	174
146.329.56.0015	<b>F015072825236</b>	250	174
146.405.53.0215	<b>F015072747225</b>	125	186
146.405.53.0315	<b>F015072751225</b>	125	190
146.405.53.0615	<b>F015072754225</b>	125	184
146.405.53.0815	<b>F015072757225</b>	125	192
146.405.53.1615	<b>F015072771225</b>	125	188
146.405.53.9615	<b>F015072788225</b>	125	200
146.405.54.9615	<b>F015072787225</b>	125	200
146.417.61.0815	<b>F015072798236</b>	250	204
146.425.53.0015	<b>F015072820225</b>	125	182
146.425.53.0815	<b>F015072822225</b>	125	182
146.425.53.1515	<b>F015072823225</b>	125	182
146.429.14.1015	<b>F015072834225</b>	125	194
146.429.24.0115	<b>F015072829225</b>	125	196
146.429.53.4515	<b>F015072835225</b>	125	198
146.604.35.0015	<b>F014072504225</b>	125	128

Article no., old	F Article no.	PU	Page
------------------	---------------	----	------

146.604.35.0815	<b>F014072567225</b>	125	128
146.604.35.1515	<b>F014072507225</b>	125	128
146.605.35.0015	<b>F014072509225</b>	125	136
146.605.35.0815	<b>F014072514225</b>	125	136
146.605.35.1515	<b>F014072517225</b>	125	136
146.610.53.0015	<b>F015072792236</b>	250	180
146.617.04.0015	<b>F015072796236</b>	250	206
146.617.06.0015	<b>F015072797236</b>	250	208
146.622.35.0015	<b>F014072520225</b>	125	130
146.622.35.0815	<b>F014072522225</b>	125	130
146.629.35.0015	<b>F014072524225</b>	125	132
146.629.35.0815	<b>F014072527225</b>	125	132
146.700.01.0015	<b>F015072858225</b>	125	202
146.705.35.0215	<b>F014072511225</b>	125	138
146.705.35.0315	<b>F014072512225</b>	125	140
146.705.35.0815	<b>F014072515213</b>	25	142
146.705.35.9615	<b>F014072519225</b>	125	150
146.710.53.0815	<b>F015072793236</b>	250	180
146.717.04.0815	<b>F015072799236</b>	250	206
146.717.04.1515	<b>F015072965236</b>	250	206
146.717.06.0815	<b>F015072800236</b>	250	208
146.717.06.1515	<b>F015072801213</b>	25	208
146.729.35.0115	<b>F014072526225</b>	125	146
146.729.35.1015	<b>F014072528225</b>	125	144
146.729.35.4515	<b>F014072529225</b>	125	148
146.765.35.0015	<b>F014072530217</b>	50	134
146.765.35.0815	<b>F014072532217</b>	50	134
146.765.53.0015	<b>F015072842217</b>	50	176
146.765.53.0815	<b>F015072845217</b>	50	176
146.765.54.0015	<b>F015072840217</b>	50	176
146.765.54.0815	<b>F015072844217</b>	50	176

## 20

200.735.04.0015	<b>F078073799207</b>	10	308
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## 29

290.117.84.0084	<b>F078073787217</b>	50	312
290.117.84.5084	<b>F078073786217</b>	50	312
290.417.83.0015	<b>F078073812213</b>	25	310
290.417.83.5015	<b>F078073813213</b>	25	310
290.417.83.6015	<b>F078073814213</b>	25	310
298.705.92.0115	<b>F078073792207</b>	10	314
298.706.84.5015	<b>F078073783217</b>	50	316
298.706.84.5115	<b>F078073785217</b>	50	316
298.707.88.0015	<b>F015072861217</b>	50	212
298.707.88.9815	<b>F015072862217</b>	50	214
299.707.88.0015	<b>F015072863217</b>	50	212
299.707.88.9815	<b>F015072864217</b>	50	214

## 30

301.390.91.0015	<b>F060073129236</b>	250	158
301.390.91.0215	<b>F060073130236</b>	250	158
301.390.91.0415	<b>F060073205236</b>	250	158
301.490.63.0015	<b>F063073336236</b>	250	273
301.490.63.0215	<b>F063073337236</b>	250	273
301.490.63.0415	<b>F063073338236</b>	250	273
306.390.91.0015	<b>F060073136236</b>	250	158
306.390.91.0215	<b>F060073137236</b>	250	158
306.390.91.0415	<b>F060073138236</b>	250	158

## 31

314.390.52.0015	<b>F062073296236</b>	250	272
-----------------	----------------------	-----	-----

Article no., old	F Article no.	PU	Page
------------------	---------------	----	------

314.390.52.0415	<b>F062073297236</b>	250	272
314.390.81.0015	<b>F060073139236</b>	250	157
314.390.81.0215	<b>F060073140236</b>	250	157
314.390.81.0415	<b>F060073141236</b>	250	157
314.393.52.0015	<b>F062073298236</b>	250	270
314.393.52.0215	<b>F062073299236</b>	250	270
314.393.52.0415	<b>F062073300236</b>	250	270
314.393.81.0015	<b>F060073144236</b>	250	155
314.393.81.0215	<b>F060073145236</b>	250	155
314.393.81.0415	<b>F060073146236</b>	250	155
314.493.63.0015	<b>F063073340236</b>	250	271
314.493.63.0215	<b>F063073342236</b>	250	271
314.493.63.0415	<b>F063073344236</b>	250	271
314.493.70.0015	<b>F061073214236</b>	250	152
314.493.70.0215	<b>F061073215236</b>	250	152
314.493.70.0415	<b>F061073216236</b>	250	152
314.493.70.0615	<b>F061073217217</b>	50	152
314.493.70.0815	<b>F061073218236</b>	250	152
314.493.71.0015	<b>F061073253236</b>	250	153
314.493.71.0215	<b>F061073254236</b>	250	153
314.493.71.0415	<b>F061073255236</b>	250	153
314.493.71.0615	<b>F061073222236</b>	250	153
314.493.71.0815	<b>F061073223236</b>	250	153
315.295.90.0001	<b>F063073348236</b>	250	254
315.393.55.0015	<b>F060073148236</b>	250	154
315.393.55.0215	<b>F060073150236</b>	250	154
315.393.55.0415	<b>F060073151236</b>	250	154
315.393.55.0815	<b>F060073152236</b>	250	154
315.393.55.1815	<b>F060073153236</b>	250	154
315.393.66.0015	<b>F062073301236</b>	250	271
315.393.66.0215	<b>F062073302236</b>	250	271
315.393.66.0415	<b>F062073303236</b>	250	271
315.393.66.0815	<b>F062073304236</b>	250	271
316.293.57.0815	<b>F063073351236</b>	250	270
317.390.82.0215	<b>F060073154236</b>	250	157
317.390.82.0415	<b>F060073155236</b>	250	157
317.393.56.0015	<b>F060073156236</b>	250	154
317.393.56.0215	<b>F060073157236</b>	250	154
317.393.56.0415	<b>F060073158236</b>	250	154
317.393.56.0815	<b>F060073159236</b>	250	154
317.393.56.1815	<b>F060073160236</b>	250	154
317.393.66.0015	<b>F062073307236</b>	250	271
317.393.66.0215	<b>F062073308236</b>	250	271
317.393.66.0415	<b>F062073309236</b>	250	271
317.393.66.0815	<b>F062073310236</b>	250	271
317.393.66.1815	<b>F062073311236</b>	250	271
317.493.63.0015	<b>F063073360236</b>	250	271
317.493.63.0215	<b>F063073361236</b>	250	271
317.493.63.0415	<b>F063073362236</b>	250	271
317.493.71.0015	<b>F061073227236</b>	250	153
317.493.71.0215	<b>F061073228236</b>	250	153
317.493.71.0415	<b>F061073229236</b>	250	153
317.493.71.0615	<b>F061073230236</b>	250	153
317.493.71.0815	<b>F061073231236</b>	250	153
318.293.57.0815	<b>F063073366236</b>	250	270
318.390.52.0015	<b>F062073313236</b>	250	272
318.390.52.0215	<b>F062073314236</b>	250	272
318.390.52.0415	<b>F062073315236</b>	250	272
318.390.81.0015	<b>F060073162236</b>	250	157
318.390.81.0215	<b>F060073163236</b>	250	157
318.390.81.0415	<b>F060073164236</b>	250	157
318.393.52.0015	<b>F062073316236</b>	250	270

# ITEM NO. INDEX

Article no., old / F Article no.

Article no., old	F Article no.	PU	Page
318.393.52.0215	<b>F062073317236</b>	250	270
318.393.52.0415	<b>F062073318236</b>	250	270
318.393.57.0015	<b>F060073171236</b>	250	154
318.393.57.0215	<b>F060073172236</b>	250	154
318.393.57.0415	<b>F060073173236</b>	250	154
318.393.57.0815	<b>F060073174236</b>	250	154
318.393.57.1815	<b>F060073175236</b>	250	154
318.393.81.0015	<b>F060073179236</b>	250	155
318.393.81.0215	<b>F060073180236</b>	250	155
318.393.81.0415	<b>F060073181236</b>	250	155
318.493.70.0015	<b>F061073232236</b>	250	152
318.493.70.0215	<b>F061073233236</b>	250	152
318.493.70.0415	<b>F061073234236</b>	250	152
318.493.71.0015	<b>F061073236236</b>	250	153
318.493.71.0215	<b>F061073237236</b>	250	153
318.493.71.0415	<b>F061073238236</b>	250	153
318.493.71.0615	<b>F061073239236</b>	250	153
318.493.71.0815	<b>F061073240236</b>	250	153
319.393.76.0015	<b>F060073182236</b>	250	156
319.393.76.0215	<b>F060073183236</b>	250	156
319.393.76.0415	<b>F060073184236</b>	250	156
319.393.81.0015	<b>F060073185236</b>	250	156
319.393.81.0215	<b>F060073186236</b>	250	156
319.393.81.0415	<b>F060073187236</b>	250	156

## 32

320.493.71.0015	<b>F061073248236</b>	250	153
320.493.71.0215	<b>F061073249236</b>	250	153
320.493.71.0415	<b>F061073250236</b>	250	153
321.393.76.0015	<b>F060073188236</b>	250	156
321.393.76.0215	<b>F060073191236</b>	250	156
321.393.76.0415	<b>F060073190236</b>	250	156

## 34

344.390.82.0315	<b>F060073212236</b>	250	158
344.393.82.0315	<b>F060073209236</b>	250	155
344.493.82.0315	<b>F061073295236</b>	250	153
346.290.22.0215	<b>F061073268236</b>	250	157
346.290.83.0215	<b>F061073271236</b>	250	158
346.290.83.0415	<b>F061073272236</b>	250	158
346.290.85.0215	<b>F061073273236</b>	250	158
346.290.85.0415	<b>F061073274236</b>	250	158
346.290.88.0015	<b>F061073275236</b>	250	159
346.290.88.0215	<b>F061073276236</b>	250	159
346.290.88.0415	<b>F061073277236</b>	250	159
346.290.90.0215	<b>F061073278236</b>	250	159
346.290.91.0015	<b>F061073279236</b>	250	159
346.290.91.0215	<b>F061073280236</b>	250	159
346.290.91.0415	<b>F061073281236</b>	250	159
346.290.92.0015	<b>F061073283236</b>	250	159
346.290.92.0215	<b>F061073284236</b>	250	159
346.290.92.0415	<b>F061073285236</b>	250	159
346.390.82.0315	<b>F060073210236</b>	250	158
346.393.91.0015	<b>F060073201236</b>	250	155
346.393.91.0215	<b>F060073202236</b>	250	155
346.393.91.0415	<b>F060073203236</b>	250	155
348.393.82.0315	<b>F060073211236</b>	250	155
348.493.82.0315	<b>F061073294236</b>	250	153

## 35

351.002.02.2662	<b>F069073381211</b>	20	339
35692	<b>F146035692299</b>	1	291

Article no., old	F Article no.	PU	Page
359.000.81.1016	<b>F069073420213</b>	25	86
359.000.81.1019	<b>F069073421213</b>	25	86
359.000.81.1035	<b>F069073422213</b>	25	86
359.000.81.1036	<b>F069073423213</b>	25	312
359.000.81.1036	<b>F069073424213</b>	25	86
359.000.81.1046	<b>F069073410213</b>	25	86
359.000.81.1062	<b>F069073425213</b>	25	86
359.000.81.1617	<b>F069073426213</b>	25	312
359.000.81.1619	<b>F069073414213</b>	25	86
359.000.81.1635	<b>F069073427213</b>	25	86
359.000.81.1646	<b>F069073417213</b>	25	86
359.000.81.1662	<b>F069073428213</b>	25	86
359.000.81.1682	<b>F069073419213</b>	25	86

## 36

363.200.02.0015	<b>F069135174236</b>	250	208
363.200.10.0015	<b>F069073433223</b>	100	208

## 37

371.001.02.0074	<b>F069073452240</b>	500	338
371.001.03.0074	<b>F069073453240</b>	500	338
371.201.00.0801	<b>F069073454240</b>	500	338
371.290.00.0215	<b>F069073457207</b>	10	314

## 38

38823	<b>F146038823299</b>	1	291
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## 40

404.304.53.0015	<b>F016073008236</b>	250	234
404.304.53.0815	<b>F016073014236</b>	250	234
404.304.53.1515	<b>F016073018236</b>	250	234
404.304.53.9815	<b>F016073023236</b>	250	234
404.304.54.0015	<b>F016073010236</b>	250	234
404.304.54.0815	<b>F016073016236</b>	250	234
404.304.54.1515	<b>F016073020236</b>	250	234
404.305.53.0015	<b>F016073028236</b>	250	242
404.305.53.0815	<b>F016073039236</b>	250	242
404.305.53.1515	<b>F016073044236</b>	250	242
404.305.54.1515	<b>F016073045236</b>	250	242
404.322.53.0015	<b>F016073062236</b>	250	236
404.322.53.0815	<b>F016073064236</b>	250	236
406.017.93.0084	<b>F016073056236</b>	250	268
406.117.93.0884	<b>F016073057236</b>	250	268
406.117.93.1584	<b>F016073058236</b>	250	268
406.317.61.0015	<b>F016073049236</b>	250	264
406.417.61.0815	<b>F016073051236</b>	250	264
406.417.61.1515	<b>F016073052236</b>	250	264
406.425.53.0015	<b>F016073066225</b>	125	244
406.425.53.0815	<b>F016073068225</b>	125	244
406.425.53.1515	<b>F016073069225</b>	125	244
406.617.04.0015	<b>F016073053236</b>	250	266
406.717.04.0815	<b>F016073054236</b>	250	266
406.717.04.1515	<b>F016073055236</b>	250	266

## 41

412.770.00.0015	<b>F016073088225</b>	125	256
412.770.04.0015	<b>F016073090225</b>	125	256
412.770.08.0015	<b>F016073084225</b>	125	258
412.770.08.0815	<b>F016073095225</b>	125	258
414.780.80.0013	<b>F016073098225</b>	125	260
414.780.80.0015	<b>F016073099225</b>	125	260
414.780.82.0013	<b>F016073096225</b>	125	260

Article no., old	F Article no.	PU	Page
414.780.84.0015	<b>F016073122225</b>	125	260
416.765.53.0015	<b>F016073077217</b>	50	240
416.765.53.0815	<b>F016073079217</b>	50	240

## 42

426.329.55.0015	<b>F016073070236</b>	250	238
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## 43

43000-42	<b>F148043000123</b>	100	340
43007-42	<b>F148043007123</b>	100	340
43015-42	<b>F148043015123</b>	100	340
43024-42	<b>F148043024123</b>	100	340
43028-42	<b>F148043028123</b>	100	336
43036-42	<b>F148043036123</b>	100	336
43053-42	<b>F148043053123</b>	100	336
43056-42	<b>F148043056123</b>	100	336

## 44

44748-42	<b>F148044748123</b>	100	340
44841-42	<b>F148044841123</b>	100	340
44842-42	<b>F148044842123</b>	100	340
44883-42	<b>F148044883123</b>	100	340

## 45

45314-42	<b>F148045314123</b>	100	336
45392-42	<b>F148045392123</b>	100	336
454.405.53.0315	<b>F016073033225</b>	125	248
454.405.53.0815	<b>F016073038225</b>	125	250
456.405.53.0015	<b>F016073027225</b>	125	254
456.405.53.9615	<b>F016073048225</b>	125	252
458.405.53.0215	<b>F016073032225</b>	125	246

## 47

474.700.01.0015	<b>F016073100225</b>	125	262
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## 51

514.000.22.9762	<b>F069073534247</b>	1000	144
514.002.55.9062	<b>F069073384233</b>	200	358
514.300.02.9815	<b>F069073548551</b>	2000	160
514.300.20.0115	<b>F069073687225</b>	125	170
514.300.21.9815	<b>F069073570551</b>	2000	128
514.300.22.9815	<b>F069073669551</b>	2000	128
517.206.61.9915	<b>F069073459240</b>	500	337
517.206.64.9915	<b>F069073460240</b>	500	337
517.206.65.9915	<b>F069073461247</b>	1000	337
517.206.73.9915	<b>F069073463240</b>	500	337
517.206.87.9915	<b>F069073464240</b>	500	337

## 52

525.090.04.0362	<b>F069073764240</b>	500	154
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## 62

621.300.20.5017	<b>F069073731217</b>	50	88
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## 63

630.000.03.0750	<b>F146073835253</b>	2500	339
630.000.03.1050	<b>F146073836256</b>	5000	339
63309-40	<b>F069073696213</b>	25	290
63310-40	<b>F069063310213</b>	25	290
63311-40	<b>F069073697213</b>	25	290

## 64

# ITEM NO. INDEX

Article no., old / F Article no.

Article no., old	F Article no.	PU	Page
641.000.09.9862	<b>F069073402517</b>	50	134
641.000.10.9862	<b>F069135032547</b>	1000	130

## 66

66528-42	<b>F069066528113</b>	25	128
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## 70

705.391.61.9715	<b>F072135309256</b>	5000	112
705.393.61.9715	<b>F072135768256</b>	5000	100
706.320.30.9711	<b>F069073405240</b>	500	30
707.333.51.9815	<b>F146073976256</b>	5000	14
707.363.51.9915	<b>F069135026223</b>	100	112

## 71

711.331.61.9715	<b>F146073979256</b>	5000	160
711.362.61.9715	<b>F069135297256</b>	5000	112

## 72

729.700.00.0700	<b>F069073733205</b>	6	212
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## 83

83050-42	<b>F145083050123</b>	100	340
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## 85

85142-42	<b>F071085142123</b>	100	340
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## 90

90561	<b>F146090561299</b>	1	359
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## 92

924.000.02.2600	<b>F069073434201</b>	26	208
924.012.50.0142	<b>F069073701523</b>	100	282
924.075.00.0075	<b>F069135060223</b>	100	294
924.200.38.0215	<b>F069073711217</b>	50	212
924.200.40.0115	<b>F069073714525</b>	125	170
924.200.40.0215	<b>F069073715225</b>	125	284
924.200.46.1115	<b>F069073729225</b>	125	134
924.200.55.0115	<b>F069073728525</b>	125	128
924.200.55.0215	<b>F069073726225</b>	125	282
924.275.38.0015	<b>F069135304223</b>	100	300
924.275.40.0015	<b>F069073751223</b>	100	296
924.275.46.0015	<b>F069135017223</b>	100	298
924.275.55.0015	<b>F069135013223</b>	100	294
92594	<b>F146092594501</b>	1	359

## 94

949.304.05.0000	<b>F146078184201</b>	1	358
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## 95

95470	<b>F146095470299</b>	1	291
95590	<b>F146095590299</b>	1	358

## B4

B4050005125	<b>F150145234147</b>	1000	320
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## B5

B5070054125	<b>F150145235147</b>	1000	320
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## M3

M3990010025	<b>F150000020217</b>	50	320
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## M6

Article no., old	F Article no.	PU	Page
M6009300101	<b>F150000017217</b>	50	320
M6009320125	<b>F150000018217</b>	50	320
M6110281125	<b>F150000007217</b>	50	320
M6112281125	<b>F150000008217</b>	50	320
M6113281125	<b>F150000009217</b>	50	320
M6211281125	<b>F150000010217</b>	50	322
M6212281125	<b>F150000012217</b>	50	322
M6221281125	<b>F150000011217</b>	50	322
M6900301125	<b>F150000006217</b>	50	320
M6900301225	<b>F150000021217</b>	50	320

## M8

M8112281125	<b>F150000013217</b>	50	324
M8113281125	<b>F150000014217</b>	50	324
M8133211125	<b>F150145167217</b>	50	328
M8211281125	<b>F150000015217</b>	50	326
M8221281125	<b>F150000016217</b>	50	326
M8990001025	<b>F150000019217</b>	50	320

## LEGEND

PU code	Quantity (units, pair, set)
113	25
123	100
147	1000
201	1
202	2
205	6
207	10
210	15
211	20
213	25
217	50
223	100
225	125
228	150
233	200
236	250
240	500
247	1000
253	2500
256	5000
299	1
401	1
501	1
504	5
513	25
514	30
517	50
523	100
525	125
536	250
540	500
547	1000
551	2000
807	10







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